

BID SUBMITTAL FORM
Alabama County Joint Bidding Program
BID ITEM - HEAVY DUTY DUMP CHASSIS OPTION F

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

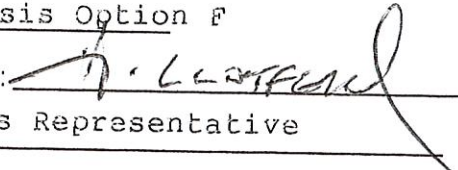
That an option sheet with individual pricing is attached

HC

Total Bid Price including options: \$ 119,815.00

Equipment Model #: International HX620

Description: Heavy Duty Dump Chassis Option F

Signature of company representative submitting bid: 

Title: Sales Representative

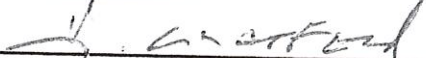
OPTION COST SHEET FOR HEAVY DUTY DUMP TRUCK CHASSIS OPTION F

<u>Options</u>	<u>Option Price</u>
Allison World 4500-RDS-6 six speed Automatic Transmission	\$ <u>9,886.00</u>
Outside Aluminum wheels (6) on rear and lift axle in lieu of standard wheels.	\$ <u>-288.00</u>
Dual vertical exhaust tailpipes, shall be cab mounted with bright finish heat shields, And turnback outlet (in lieu of standard exhaust)	\$ <u>0.00</u>
Dual cowl mounted Stainless Steel air cleaners in lieu of standard	\$ <u>921.00</u>

NOTE: Award will be made on the basis of the total cost of the Truck with all options included. However, a county may, at its discretion, deduct one or more of the above-referenced options from the truck, 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 #: International HX520

Description: Heavy Duty Dump Truck Chassis Option F

Signature of company representative submitting bid: 

Title: Sales Representative

BID SPECIFICATIONS FOR HEAVY DUTY DUMP TRUCK CHASSIS - OPTION F

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 standards in effect at the time of manufacture.

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 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 x No

Page#

Or Attachment x

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 505HP @1650 RPM with a torque rating of 1,650 lb. ft,

505 HP @ 1800 RPM

Yes X No
Page # 2

Radiator to have a quick drain/filling option

Yes X No
Page # 2

Bug Screen shall be mounted between Grill and Radiator

Yes X No
Page # 5

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

Yes X No
Page # 2

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

Yes X 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 X No
Page # 5

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

Yes X No
Page # 5

Factory installed integral Engine Compression Brake.

Yes X No
Page # 5

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

Yes X No
Page # Standard

STARTING AND ELECTRICAL SYSTEM

12-Volt system fuse/circuit breaker protected

Yes X No
Page # 5 & 6

12V starter with soft engagement required.

Yes X No
Page # 6

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

Yes X No
Page # 5

Batteries to be mounted in a single aluminum box with a polished aluminum cover Right side back of cab.

Yes X No
Page # 6

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

Yes X 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 X No
Page # 6

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

Yes X No
Page # Standard

TRANSMISSION AND DRIVELINE

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

Yes X No
Page # 2

A dash mounted Transmission temperature gauge is required.

Yes X No
Page # 3

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

Yes X No
Page # 5

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

Yes X No
Page # 2

CAB EXTERIOR

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

Yes X No
Page # Standard

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 # 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

Hood shall be constructed of Metton material. (No Fiberglass)

Yes X No
Page # 6

Multi-piece hood construction that allows the entire fender to be replaced Independent of the hood.

Yes X No
Page # 6

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

Yes X No
Page # 7

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 X No
Page # 3

Cab interior is to be Diamond pattern trim level

Yes X No
Page # 3

Dash features to include:

Transmission oil temperature gauge and engine air filter restriction indicator

Yes X No
Page # 3

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

Yes X No
Page # 4

Full adjusting tilt and telescopic steering column

Yes X 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 X No
Page # 4

Passenger seat to be fixed design

Yes X No
Page # 4

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

Yes X No
Page # 4

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

Yes X 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 X No
Page # 6

Additional dash mounted power outlet to be furnished.

Yes X No
Page # 6

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

Yes X No
Page # 5

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

Yes X 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 X No
Page # 3

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

Yes X No
Page # 4

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

Yes X No
Page # Standard

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

Yes X 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 X 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 X 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 X No
Page # Standard

AIR BRAKES

Brake system to be antilock air design with heated Bendix AD-9 air dryer.

Yes X No
Page # 4 & 5

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

Yes X No
Page # 5

System to include trailer brake piping with an in-cab control valve.

Yes X No
Page # 5

Rear axle brake chambers shall be located to provide "Paver" clearance.

Yes X No
Page # 5

FRAME/BUMPER/FUEL TANKS

Frame rail shall be a single steel channel design (no inner/outer) reinforcement with an RBM of 3,536,400. Frame rail dimension of 12.5" x 3.75" x 0.500"

Yes X No

Page # 4

212"-214" wheelbase with a 143"-145" cab to axle optimized for dump body length.

Yes X No

Page # 1

Frame tie crossmember underneath the bell housing required.

Yes X No

Page # 4

Front bumper Bright Finish stainless clad aluminum.

Yes X No

Page # 4

Stainless Steel DEF tank cover

Yes X No

Page # 7

Fuel tank to be non-polished aluminum with a minimum of 120-gallon capacity, Located under driver side door of cab.

Yes X No

Page # 7

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 X No

Page # 4

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

Yes X No

Page # 4

Swing type license plate holder

Yes X No

Page # 4

Frame assembly shall be huck bolted in lieu of threaded bolts where possible, to minimize frame bolt re-torque service.

Yes X No

Page # Standard

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 X No

Page # 7

FRONT AXLE

20,000 lb. design steel I beam front axle

Yes X No

Page # 3

20,000 lb. parabolic taper leaf front springs with shock absorbers.

Yes X No

Page # 3

SET BACK front axle position of 50" +/- 1" only.

Yes X No

Page # 1

"S" cam design 16.5" x 6" brakes with outboard mounted drums

Yes X No
Page # 4

Front wheels to be Aluminum ten (10) hole hub piloted 22.5" x 12.25".

Yes X No
Page # 7

Front tires to be 20 ply 425/65R22.5 radials Continental HTC1 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

Steering system shall include dual power gears, to provide maximum torque to steering arms. A single gear and slave cylinder are not acceptable.

Yes X No
Page # 5

Turn angle greater than 38 degrees in both directions with 425 Tires required for job site maneuverability and service access

Yes X No
Page # See Attached
Turning Radius
Statistics

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# rubber spring suspension with restrictor cans, and 8 torque rods Without shocks walking beam design. Chalmers or equal. Differential locking switches for forward & rear axle on separate switches.

Yes X No
Page # 2 & 3

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

Yes X No
Page # 3

"S" cam design 16.5" x 7" 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 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.

Yes X No
Page # 1 & 2

See Proposal 7723-02

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

Yes X No
Page # 7

See Proposal 7723-02

Dual vertical exhaust tailpipes, shall be cab mounted with bright finish heat shields, And turnback outlet (in lieu of standard exhaust)

Yes X No
Page # 5

See Proposal 7723-02

Dual cowl mounted Stainless Steel air cleaners in lieu of standard

Yes X No
Page # 2

See Proposal 7723-02

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.