

**OCONTO COUNTY HIGHWAY DEPARTMENT
OCONTO, WI 54153**

**FOR BID AND MINIMUM SPECIFICATIONS FOR ONE (1) QUAD AXLE TANDEM DRIVE DUMP
TRUCK CHASSIS**

Oconto County Highway Department will receive bids for the furnishing and delivery of the above listed equipment.

Only bids on bid forms furnished by Oconto County Highway Department will be accepted for award purposes. All bids must be sealed and shall be so indicated on the face of the envelope. Bids will be accepted at the Highway Office, Oconto, WI until 9:00 a.m. on November 1, 2018. Bid opening will be in the Highway Office Conference Room, at 9:30 a.m. on November 1, 2018. The office is located on 202 VanDyke Street in Oconto, WI. Telephone (920) 834-6886.

These specifications are a part of the bid and must remain attached to the bid. Manufacturer's full and detailed cuts and specifications for the equipment proposed must be attached. All supplies or equipment sold to Oconto County shall be sold at the risk of the contractor or seller until accepted by Oconto County. Terms of agreement: No payment will be made until after inspection and acceptance by Oconto County or its agent.

Oconto County reserves and has the right to reject any or all bids submitted or to accept any part or combination thereof, to waive any technicalities, and to accept bid deemed most advantageous to Oconto County.

All bids shall be firm bids.

The General Specifications mention some of the important features that indicate the type and style of the equipment we want bid. The fact that all standard equipment is not mentioned in this bid, does not permit a bidder to leave out any item or part shown as standard in the manufacturer's detailed cuts and specifications, which must be attached to the bid.

All transportation expenses for delivery, and warranty, etc. are the responsibility of the bidder.

An authorized representative of Oconto County will publicly open all bids – by order of the Oconto County Highway Committee.

Patrick J. Scanlan,
Highway Commissioner

FOR BID AND MINIMUM SPECIFICATIONS FOR ONE (1) QUAD AXLE TANDEM DRIVE DUMP TRUCK CHASSIS

- A. FRAME AND WHEELBASE
Heavy duty heat treated single frame.
Cab to axle, 170" minimum to meet body builder box installation.
Specify resisting bend movement on frame bid _____
Minimum 16" integral front frame extension with reinforcement to support front mounted valve bank, and plow framework – state length _____
State GVW _____
- B. TOW HOOKS AND LOOPS
Front and rear – 4 Total.
- C. BUMPER
Short heavy duty formed steel channel.
- D. FRONT AXLE AND SPRINGS
Set forward front axle 20,000 lbs. rating with 20,000 lbs. front springs.
State lbs. bid axle _____ and State Springs _____
Add Air bag to handle snow wing – Load share air bag system. Left and Right.
No Aluminum hubs.
- E. BRAKES
Service brakes must be air on all wheels, S cam type with ABS.
Size: Front 16.5 x 6 Q Brakes Rear 16.5 x 7 Q Brakes without board drums
Low air pressure buzzer.
Bendix AD-9 heated air dryer-mounted in board of frame rails.
Air compressor must be rated 16.5 CPM.
Self-adjusting slack adjusters.
Four wheel max parking for asphalt style dump box.
Inverted brake chamber for maximum ground clearance and rear equipment clearance.
- F. HEAVY DUTY DUAL POWER STEERING WITH DUAL STEERING GEARS
- G. ELECTRIC SYSTEM
12 volt electrical system with all safety lights.
Automatic circuit breakers.
3 – 12 volt 195OCA maintenance free batteries.
Place batteries under passenger seat in cab
150 AMP Delco Alternator with transistorized regulator.
Dome Light.
Aux Wire Harness for Plow Lights.
Dual air horns with covers.
Halogen headlights.
Quick connect electrical harness for removing hood.
Additional cigar style power port.
Back-up alarm to meet MSHA & WisDOT spec's.
Aux switch Pack (6).
Aux speedometer output.
Resettable Hour Meter.

- H. FRONT END
 Fiberglass tilt hood.
 Standard grill with stone & rock guard hood mount.
 Screen on front cowl opening.
 5" rubber fender flares.
- I. ENGINE
 Minimum 11.9 Liter class 450 HP (minimum) at 1800 RPM, Minimum of 1650 lbs. of torque.
 I-Scan engine, transmission, and gear ratio must have factory produced spec sheet to provide HP, RPM, and Torque to match for snow plow and road speed application.
 Engine with a 7 year warranty or equivalent, with diagnostic software and required training for six (6) Oconto County employees.
 250,000 mile engine warranty.
 State cubic inch displacement _____
 Full flow oil filter.
 Spin on coolant filter / if needed with OAT coolant.
 Dry air cleaner.
 Two speed clutch fan.
 Jacobs engine brake or equal.
 Vernier locking hand throttle or idle up capability on electronic engine.
 Submit engine torque curve chart.
 Submit copy of manufacturers engine warranty (Provide Years & Miles).
 Horizontal muffler with vertical stack guarded, frame mount not cab on passenger side.
 All tanks and muffler to be mounted forward of rear of cab so not to interfere with mounting of pusher axle and snow plow equipment.
- J. TRANSMISSION
 Allison New World Transmission automatic with 3rd gear hold, with snow plow mode, HD4500RDSP.
 Transmission oil temperature gauge with electronic oil level check with stainless oil cooler.
- K. REAR AXLE & SUSPENSION
 46,000 lbs. capacity with power divider lock and differential lock with ABS traction control and transverse rods.
 Hendrickson Haul Max 46,000 lbs. suspension.
 52 inch beams with rubber load cushion.
 No Aluminum Hubs.
- 2 Factory installed steerable pusher axle with ABS, must be mounted to meet WI Bridge Law.
 Suspension: 20,000 lbs. capacity or equivalent – air up & air down to be bolted to frame.
 Wheels shall be uni-mount design. Control shall be air operated with controls in the cab.
 Regulator will be mounted under the hood. Suspension must have positive down straps to avoid over stretching of air bags. Suspension must have a minimum 5-year manufacturer's warranty. *Must be compatible with:* Rim Accu Ride 10 hole piloted. Tires: 255 70R 22.5 22.5 x 8.25 16 ply dual tire and rims. No Aluminum Hubs.
- L. FUEL TANK
 Must be at least 100 gallon capacity aluminum tank or over safety step tank type
 All tanks and muffler to be mounted forward of rear of cab so as not to interfere with mounting of pusher axle and snow plow equipment. Must be mounted to accommodate the right & left side wing installation. Fuel tank driver side mounted under CAB.

- M. CAB – Air ride
 Exterior cab grab handles
 Insulated head liner and cab sound package
 2 speed electric windshield wipers with delay
 Electric windshield washer
 Fresh air heater & defroster
 Bostrom AIR 914 high back air ride driver's seat to be cloth with lumbar support
 Bucket single passenger seat to match driver's seat (NO suspension required)
 All tinted safety glass
 Arm rest on both doors
 Individual gauges of voltmeter, oil pressure, water temperature, fuel, speedometer, air, odometer and tachometer.
 Engine hour meter
 Dual large west coast rear view mirrors - heated
 Dual sun visors
 AM / FM radio
 Heavy duty air conditioner – standard equipment with exterior cab filter
 Tilt Steering
 Wiring harness for two way radio for roof mount on/off with key - relay powered
 Power Passenger Window
- N. WHEELS TO MEET OR EQUAL ALL SAFETY AND LOAD CARRYING REGULATIONS
 Front wheels-Steel or Aluminum disc. (10-hole) (2) – 22.5 x 13.0 Accuride 10-hole hub piloted
 Rear wheels-Steel or Aluminum disc. (10-hole) (8) – 22.5 x 8.25 Accuride 10-hole hub piloted
 All wheels to have polly wheel spacers
- O. TIRES
 Tires to meet or equal all safety and load carrying regulations
 First line tubeless radial, mud and snow tread
 425/65R22.5 – 20 ply front tires
 11R22.5 – 16 ply rear tires
- P. OIL SEALS
 CR or equal oil bath axle seals front and rear
- Q. PAINT COLOR
 Highway orange
- R. UNDERCOATING
 Complete undercoating, truck and dump body
 Tuff Kote type or equivalent
- S. PARTS BOOKS
 Serial number specific parts book and shop overhaul manual including electrical diagram, engine and transmission, overhaul and troubleshooting manual to be furnished for Suring and Oconto Shops. (*Two sets*)
 List all serial and spec numbers for engine, transmission and differential and all part numbers for filters used on truck.
 Provided prior to delivery.
 Price manual's as separate items.

T. BIDDER TO STATE WARRANTY (MUST STATE YEARS AND MILES)

U. DELIVERY DATE

State delivery date _____

F.O.B. to Oconto Highway Shop – 202 VanDyke Street, Oconto, WI

V. STATE

Make _____

Model _____

Engine _____

W. Net Price of One (1) Unit Purchased: \$ _____

Net Price of One (1) Unit with Trade of unit:

#160A 1999 IHC 2674 4x6 Series: \$ _____

X. BID BOND OR CERTIFIED CHECK

Bid bond or certified check in the amount of 5% of complete bid

Company Name: _____

Address: _____

Company _____

Representative: _____

(Please Print)

Signature: _____

Date: _____

QUESTIONNAIRE FOR QUAD AXLE TANDEM DUMP TRUCK

The following questionnaire must be filled in completely and must accompany bid. Failure to answer all questions may invalidate your bid.

1. Make & Model & Year: _____
GVW: _____ CA: _____
2. Dry chassis weight: _____ Wheelbase: _____
3. Frame: (Main Channel) Maximum depth: _____ Flange width: _____
Thickness: _____ Frame reinforced with: _____
PSI rating: _____
4. Engine: Make & Model: _____
Piston displacement: _____ ft. lbs. at _____ RPM
5. Bidder must furnish engine performance chart.
6. Transmission: Make & Model: _____
Torque capacity: _____ ft. lbs.
Number of speeds: Forward: _____ Reverse: _____
7. Front Axle: Type: _____ Material: _____
Capacity: _____ lbs.
8. Universal Joints: Type: _____
9. Rear Axle: Make: _____ Axle shaft diameter at spline _____ in.
Capacity: _____ lbs.
10. Service brakes: Make: _____ Type: _____
Diameter of front brake drums: _____ in. Width: _____ in.
Diameter of rear brake drums: _____ in. Width: _____ in.
Total service brake drum area: _____ sq.in.
Total service brake lining area: _____ sq.in.

11. Tires: Front: Make: _____ Size: _____ Ply: _____
Rear: Make: _____ Size: _____ Ply: _____
12. Wheels: Make: _____ Type: _____
Rim Size: _____ Front wheel offset: _____
13. Fuel Tank: Location: _____ Total No. of Gallons: _____
Describe Mounting: _____
Tank Dimensions: _____
Does tank mount beyond rear of cab? Yes: _____ No: _____
14. Springs: Front Capacity rating: _____ Length: _____
Width: _____ Thickness: _____ No. of leaves: _____
Rear: Capacity rating: _____ Auxiliary Capacity rating: _____
15. Inventory of parts on hand: \$ _____
Discount allowed on parts: _____
16. State engine warranty: _____

Power train warranty: _____

Chassis warranty: _____

17. State BTU Rating on heater: _____
18. Explain engine brake: _____
19. Driver Seat: Make: _____ Model: _____
20. States total outside turning radius as the truck is equipped: _____ ft.
21. Explain windshield wiper mounting: _____
22. Power team performance scan included with bid? Yes _____ No _____
Make & Model of Qaudaxle Truck: _____
Price per unit: _____

WARRANTY (Please read carefully)

NOTE: WARRANTY MUST BE SIGNED BY COMPANY PRESIDENT OR SECRETARY.

Successful bidder shall furnish warranty covering the _____ complete as contained in this proposal and as bid. Warranty to cover and protect Oconto County against faulty material and workmanship, covering any and all parts on the complete _____ as delivered.

Bidders shall state here the number of hours _____ or days _____ of operation the Warranty will be in effect following the date of delivery to the Oconto County Highway Department.

What parts of _____ and complete equipment as delivered *will not be covered* by such Warranty? _____

Does Warranty cover replacement parts only? Yes: _____ No: _____

(A) Does Warranty cover just the replacement of parts F.O.B. Oconto County Highway Department, Oconto, WI? Yes: _____ No: _____

(B) Does Warranty cover the replacement of the parts and all labor to make sure replacement on the _____ at no cost to Oconto County? Yes: _____ No: _____. If such replacement parts and all labor necessary for making such work be performed by the bidders' mechanic in Oconto County Highway Department, Oconto, WI? Yes: _____ No: _____. If not, give the name and address of the location of such service that will be made by the bidder:

GENERAL REMARKS: Pertinent to conditions of Warranty given:

Successful bidder agrees to provide all necessary mechanical training and supply all necessary computer software necessary for troubleshooting and maintenance of trucks. Yes: _____ No: _____

NAME AND LOCATION OF 24 HOUR "PARTS" – SERVICE:

This Warranty is a supplement to and superseded manufacturer's warranty:

Name of Company

By:

Name of Representative

Title