

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

**FOR BID AND MINIMUM SPECIFICATIONS FOR TWO 60,000 GVW OR OVER TRIAXLE TRUCK,  
TANDEM DRIVE**

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 10:00 a.m. on Wednesday, January 21<sup>st</sup>, 2015. Bid opening will be in the Highway Office Conference Room, at 10:00 a.m. on January 21<sup>st</sup>, 2015. 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 TWO (2) 60,000 GVW OR OVER  
TRIAxLE TRUCK, TANDEM DRIVE**

- A. FRAME AND WHEELBASE  
Heavy duty heat treated single frame.  
Cab to axle 150 inches  
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 . *Factory supplied air bag. (Two (2) trucks one RH side).*
- E. BRAKES  
Service brakes must be air on all wheels, S cam type  
Size: Front 16.5 x 6 Q Brakes      Rear 16.5 x 7 Q Brakes without board drums  
Low air pressure buzzer  
Bendix AD-IS heated air dryer  
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 specs.  
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 425 HP (minimum) at 1800 RPM, Minimum of 1650 lbs of torque.  
 Cummins 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  
 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 3<sup>rd</sup> gear hold, with snow plow mode,  
 HD4500RDSP 5 speed  
 Transmission oil temperature gauge with electronic oil level check
- K. REAR AXLE & SUSPENSION  
 40,000 lbs. capacity with power divider lock and differential lock with ABS traction control and transverse rods  
 Hendrickson Haul Max 40,000 lbs. suspension  
 52 inch beams with rubber load cushion
- Factory installed pusher axle with ABS.  
 Suspension: 25,000# capacity or equivalent . air up & air down.  
 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. Required ABS Brakes. *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.
- 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 drivers 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 disc. (10-hole) (2) . 22.5 x 13.0 Accuride 10-hole hub piloted  
Rear wheels-Steel 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 trouble shooting 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)

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U. DELIVERY DATE

State delivery date \_\_\_\_\_

F.O.B. to Oconto Highway Shop . Oconto, WI

V. STATE

Make \_\_\_\_\_

Model \_\_\_\_\_

Engine \_\_\_\_\_

W. Net Price of Two (2) Units Purchased: \_\_\_\_\_

Net Price of Two (2) Units with Trade of units #160 & #162

1999 IHC 2574 S Series without plow equipment: \$ \_\_\_\_\_

Trade Value #160: \$ \_\_\_\_\_

Trade Value #162: \$ \_\_\_\_\_

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 TRIAXLE TRUCKS

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: Torque: \_\_\_\_\_ 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 Triaxle 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 biddersq 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**