

# TANDEM AXLE REAR DRIVE TRUCK - 54,000 GVW

COMPLY  
YES NO

- |   |       |       |
|---|-------|-------|
| 1) Cab Type: Conventional ( Aluminum Preferred)<br>Dog house depth from firewall. _____ in  | _____ | _____ |
| 2) Load Rating: 54,000 GVW  | _____ | _____ |
| 3) Wheelbase: Around 210 inches   | _____ | _____ |
| 4) Cab to trunion: 148 inch   | _____ | _____ |
| 5) Front Axle: 20,000 lb. I-Beam with oil hubs & heavy duty dual power steering set back axle   | _____ | _____ |
| a) Springs: 20,000 lb Multileaf, Shackle type, with Shock Absorbers   | _____ | _____ |
| 6) Rear Axle :( HMX 46-164P type) single reduction, standard width 46,000lb with lube pump, driver controlled locking Diff. ( forward and rear axle)<br>Gear ratio: 5:63 Hendrickson walking beam type suspension 60in. Axle spacing  | _____ | _____ |
| 7) Steering: Tilt 18" Steering Wheel, Dual Power Steering   | _____ | _____ |
| 8) Brake Type: Air  |       |       |
| a) Compressor: 16 CFM minimum capacity Rockwell Wabco type system Saver 1200 air dryer with electrical heating element and air tanks mounted on right side under cab or in frame mounted not to interfere with box or underbody and with trailer package (dealer responsible for clearance) | _____ | _____ |
| b) Front: 16.5" x 6" Rockwell S-cam   | _____ | _____ |
| c) Rear: 16.5" x 7" Rockwell S-cam  | _____ | _____ |
| d) Parking Brake: 3030 SB MGM Service with 8" chambers  | _____ | _____ |
| e) Slack Adjusters: Rockwell Automatic  | _____ | _____ |
| f) Dust Shields: Front & Rear   | _____ | _____ |
| 9) Rims/Tires:  |       |       |
| a) Rim Type: Heavy duty, 10 hole disc / Hub Pilot offset out 4.25in. 12.25x 22.5 Front & 8.25 x 22.5 Rear   | _____ | _____ |
| b) Front Tires: 425/65R22.5-20 ply Hwy steel belted tubeless radials appropriate for GVW (Goodyear Tires are not acceptable)  | _____ | _____ |
| c) Rear Tires: 11R x 22.5-16ply Traction, steel belted tubeless radials appropriate for GVW (Goodyear Tires are not acceptable)   | _____ | _____ |
| 10) Frame Type: heat treated alloy steel " C" channel   |       |       |
| a) 120,000 PSI Minimum yield strength   | _____ | _____ |
| b) Minimum 20 inch full C channel extension - no bolt on extension  | _____ | _____ |
| c) Front cross frame for front mount PTO  | _____ | _____ |
| 11) Engine Type: Diesel, 370 gross HP & 11L minimum, wet sleeved, air to air after-cooled, 1450 lbs. Net torque minimum, electronically controlled.   | _____ | _____ |
| a) Engine Cooling: Maximum available radiator, extended life antifreeze, electrically controlled fan & with manual fan override switch  | _____ | _____ |
| b) Engine Exhaust: Horizontal with external frame mounted Particulate Filter under right side of cab with a frame mounted vertical Tailpipe with turn back tail   | _____ | _____ |

C) No regen switch (all regen's will be done with laptop pc)

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	COMPLY	
	YES	NO
Engine Type: Continued		
c) Fuel Primer Pump (hand or electric)	_____	_____
d) Engine Block Heater: 1000 watt	_____	_____
12) Transmission Type: Automatic-4000RDS-P 6-speed close ratio with cooler	_____	_____
a) Shift Control: Push button Type or T handle dash mounted	_____	_____
b) Gauge: Dash mounted oil temp and or warning light	_____	_____
c) Front PTO Drive (Transynd in transmission for extended warranty)	_____	_____
13) Electrical Requirements:		
a) Alternator: 160 amp minimum	_____	_____
b) Battery(s): 3 heavy duty 12 volt, with sealed terminal connections and a ground wire of equal size to the starter, mounted left side and as far back as possible so not to interfere with under body blade	_____	_____
c) Body builder wiring harness	_____	_____
d) Auxiliary speed senser wire marked for ground speed sander	_____	_____
e) Auxiliary plow light harness with switch in dash	_____	_____
f) Circuit breakers - manual reset	_____	_____
14) Cab Interior: Deluxe - All interior sheet metal covered		
a) Guages: Fuel, oil, temp, tachometer, engine hour meter & trip odometer dash mounted.	_____	_____
b) Audio Alarm: Engine temperature	_____	_____
c) Controls: Cruise & intermittent wipers	_____	_____
d) Tinted windows, Cab insulation, Arm rests, Sun visors, Lighter, Air horn with snow shields-if mounted on roof, AM/FM radio, CB accommodations, A/C with integral heater	_____	_____
e) Drive Seat: Air Suspension, High back with integral headrest, cloth, isolated, with 2 position front cushion adjustment 6 to 7 degree back adjustment, lumbar support	_____	_____
f) Passenger Seat: Non-Suspension, cloth, folding back	_____	_____
15) Cab Exterior:		
a) Mirrors: 7" x 16" West Coast style, heated, stainless steel, plus 6" convex mirrors, both left & right	_____	_____
b) Grille-Stationary, Grab handles on drivers & passengers sides, with air ride suspension cab. Bug screen mounted behind grill	_____	_____
c) Sunshade aerodynamic painted same as cab and clear bug deflector	_____	_____
16) Fuel Tank : Single, not less than 80 gallon step, mounted Left side under Drivers door not to extend past cab with 20 in ground clearance for underbody (Dealer will be responsible for clearance) Fuel heater, thermostatic fuel heater with water separator	_____	_____
17) Front Bumper: Not Required	_____	_____
18) Color: T.B.D	_____	_____

YES NO

19) Warranty: Minimum 5 Year 300,000 mile Bumper to Bumper including Engine, Transmission and Drive train. Bidder is responsible to show in writing who is responsible for what & how long for all components with extended warranty. If this warranty is not possible bidder will be responsible to meet with us prior to submitting bid to discuss what is possible

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Bidder is responsible for pick-up and return of truck if necessary, for warranty work.

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Name & Telephone Number of contact for Warranty work

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20) Manuals: Operator, Service, Maintenance, Rebuild, Parts Books & Software shall be furnished by Vendor. Internet manuals & parts are not allowed. If subscription type or software on disk, Vendor shall provide for the life of the vehicle. (15 years)

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21) All Diagnostics software for laptop PC for all ECM's on vehicle. If OEM software for laptop is not available an aftermarket software and or reader(s) to read codes and change customers parameters would be acceptable with prior approval

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Example: Transmission, Engine, ABS, Etc.

If trouble codes for diagnostic software is internet type - Vendor will provide a copy of all codes either on CD Rom or paper in a ring binder. Vendor is responsible to get all software updates and submit them to the Adams County Highway Department for life of vehicle. (15 years)

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22) Schooling: OEM training (including tuition & lodging) for two mechanics on, Trucks Engine systems, and Transmission systems. If OEM training is not available, bidder is responsible to indicate what training is available.

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Contact: Ken Winegarden (Shorty), Shop Leadperson  
Telephone: 608-339-3355

Delivery To: Adams County Highway Department  
1342 County Road F  
Adams, WI 53910