



JACKSON COUNTY SECONDARY ROADS

201 West Platt Street
Maquoketa, Iowa 52060
Jayden Scheckel, P.E. Jackson County Engineer

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REQUEST FOR BIDS – (2) TANDEM AXLE TRUCK, ATTACHMENTS, & ACCESSORIES

Jackson County is soliciting bids for two *current year production model* Tandem Axle Trucks with attachments and accessories.

Jackson County reserves the right to waive compliance with minor technicalities of these specifications and to reject any or all bids if deemed to be in the best interest of the County.

SPECIFICATIONS

Unit quoted shall meet or exceed the attached detailed requirements, and in addition, shall comply with applicable State and Federal OSHA laws. Modifications or deviations from the printed literature shall be described in a written statement, to be attached to the bid.

CATALOGS

Manufacturer's literature or specification sheets giving detailed information of the make and model bid, shall be filed with the bid documents. Also, include a turning radius chart and measurements.

PREPARATION

Vendor shall perform all dealer preparation work, install all attachments and accessories, and have truck(s) fully operational prior to making delivery.

DELIVERY

Bid shall be based on delivering to County Yard, 509 East Grove Street, Maquoketa, Iowa, 52060 between 7:00 am and 3:30 pm Monday through Friday, ready for service. The delivery date for the trucks shall be after July 1, 2025 and before October 3, 2025. If the delivery date can't be met, please note the projected delivery date on bid. The title or delivery documents shall list the owner as **Jackson County**, not Jackson County Engineer or Jackson County Secondary Roads.

PAYMENT

Jackson County will pay seventy-five percent (75%), of the bid price on the next regular County claims processing date after delivery. The balance due will be retained subject to a two-week waiting period. At the end of two-weeks, the County will release the balance per the County's regular claims processing procedure, less any liquidated damages, unless items requiring dealer service, installation, or correction have been discovered. If corrections are needed, then final payment will be further deferred until they have been taken care of. All paperwork for truck shall be due before final payment will be made.

PURCHASE

Bidders shall furnish bids showing base price, trade-in allowance, and final quote price. Jackson County reserves the right to purchase the new vehicle outright, with or without trade-in, if it deems such action to be in its best interest.

The trade trucks will be County No. 3164 and No. 3152 International tandem axle trucks.

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PROPOSALS

The bids will be received by Jackson County at the County Engineer's Office until 10:00 am, Thursday April 3, 2025. Bids may be mailed to the Engineer's Office at 201 West Platt Street, Maquoketa, Iowa 52060. Bids will be opened and read at that time in the Engineer's Office. Action on the bids will be taken by the Board of Supervisors at 9:00 am Tuesday April 08, 2025, or at a later date as determined by the Jackson County Engineer's Office.

Prior to ordering the trucks, the successful truck bidder is to contact the successful box bidder to clarify driveline and frame rail clearances to allow for easier box installation.

SPECIFICATIONS FOR TANDEM AXLE TRUCK

WHEELBASE:

180" (+) wheelbase. Cab to tandem 135" - 145" (as per manufacturer dump body specifications). To be suitable for the installation of 14' - 15' dump body (the dump body will be purchased separately and shall not be included in the chassis bid). Successful truck bidder is to contact box bidder to verify cab to axle or cab to tandem and wheelbase are correct as per box specification for proper box operation.

G.V.W.R:

Minimum 64,000 pounds.

FRAME:

Section Modulus of 26.0 and R.B.M. of not less 2,860,000, zinc coated. Outer frame to be C-channel of 120,000 psi. Front and rear tow hooks. 24" front frame extension. Left side of frame to be clear.

FRONT AXLE:

20,000 lbs. Capacity.

REAR AXLE:

46,000 lbs. minimum capacity. (Rockwell SLHD or equivalent with power divider). Magnetic drain plugs required. Locking differential in both rear axles. Rear axle ratio to be determined by Allison scan. Power divider and differential lock shall function at 25 MPH. The ratio set so top speed to be 74 MPH plus or minus 2 MPH at governed engine RPM. Gear oil shall be synthetic.

SUSPENSION:

10000 lbs. each wheel parabolic front springs (20,000 lbs. total).

FRONT STEERING:

Power steering. Ross H.F.B. 64 Dual Cycle or equivalent.

SHOCKS:

Front and rear shock absorbers, double acting telescopic.

REAR SUSPENSION:

Hendrickson HMX-460-54, Tuff Trac suspension or equivalent. Suspension to allow for smoother empty ride.

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BRAKES:

Air brakes, cam type. 16.5" x 6" front brake shoes, 16.5" x 7" rear brake shoes. Anchorlok spring set parking brakes on both axles. Low air pressure buzzer in cab. Dust shields on all wheels.

ENGINE:

In line six-cylinder Diesel. Four cycle. Must have a manufacturer's rating of 450 horsepower minimum with minimum 1700 FT-LB torque. Block heater. No Mercedes engines. Body hydraulics will require pulse feed connector, 11 liter minimum.

ENGINE ACCESSORIES:

Dry element air filter with filter restriction indicator. Inside/outside air intake. Single muffler with vertical exhaust (stack must be mounted on right hand side of cab and should not project more than 6 inches past rear wall of cab to avoid conflict with dump body installation). Selectable engine brake.

FUEL TANKS:

Minimum dual 50-gallon steel step tanks or single 100-gallon tank under cab preferred. 100-gallon total capacity.

ELECTRICAL SYSTEM:

100 Amp. alternator. 2 - 12-volt batteries min. with combined capacity of 1800 Cold Crank Amps. Circuit breakers. All lights shall meet D.O.T. standards. Install wire harness required for 7 plug trailer wiring.

COOLING SYSTEM:

-40-degree F. premium anti-freeze. Heavy duty radiator with positive de-aeration system and sight glass. Silicone hose package. Stationary grill with stone & gravel radiator guard. Spin-on coolant filter if required. A Kysor or Horton air fan only shall be used. Manual on-off fan switch.

AIR COMPRESSOR & DRIER:

Minimum 13.2 CFM. Bendix A-D-9 air dryer or approved equal.

TRANSMISSION:

6 speed Allison automatic 4500 RDS with PTO provision with low for good off road startability. Shift control on steering column. Body hydraulics will require pulse feed connector. Transmission fluid shall be synthetic.

DRIVELINE:

H.D. Spicer 1810 series U-joints or manufactures specifications with transmission and driveline.

CAB:

Air ride cab, fully insulated, conventional style, with tilting fiberglass hood. (factory installed fixed grill). Driver's seat shall be National Cush-N-Air cloth high backed air-ride seat with isolator, or approved equal, with right-hand arm rest. Passenger's seat shall be National fixed base or approved equal. Interior finish to be heavy duty vinyl or cloth: black, gray, or brown. Dual 16" x 7" King size heated mirrors - Western stainless with 8" convex mirror inserts at the bottom. Heavy duty heater and defroster. Factory installed air conditioning, cruise control, exterior sun visor and tilt wheel. Exterior

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grab handles - both sides. Window in lower front corner of right-side door. Tinted glass - all windows, driver and passenger power side windows. Factory installed AM/FM radio with clock (Bluetooth Compatible). Dual interior sun visors. Dome light. Map pocket in left hand door. Electric windshield wipers with both continuous and intermittent settings. Windshield washers. Electric horn and air horn. Seat belts. Factory installed power outlet. Factory dash mounted auxiliary toggle switch panel with four toggles switches minimum. Factory installed snowplow light harness and switch. Two-way power in cab headliner. Outside temperature gauge. Exhaust stack turn-out. Front fender extensions. 12V power outlet.

KEYS:

Furnish 2 keys. All locks plus ignition switch shall be keyed alike.

INSTRUMENTS:

Direct reading gages. Oil pressure, Voltmeter, Water temp., Fuel gage, tachometer, speedometer, odometer, hour meter.

PAINT:

Cab shall be painted Red. Shade of red to be approved by the Shop Foreman before ordering trucks.

WHEELS & TIRES (FRONT):

11.00 x 22.5 Disc piloted hub aluminum wheels with oil lubricated bearings. Stemco wet type seals. 385-65 R22.5 - 20 ply tubeless radial. (Goodyear Unisteel G296 or Michelin X).

WHEELS & TIRES (REAR):

8.25 x 22.5 Disc piloted hub aluminum wheels with oil lubricated wheel bearings. Stemco wet type seals. 11 x R22.5 - 16 ply tubeless radial. (Goodyear Unisteel G177, Armormax MSD or Bridgestone L320).

ACCESSORIES:

Federal backup alarm horn. Heavy duty front bumper.

ROAD SPEED:

Top governed speed to be 74 mph + or - 2 mph.

WARRANTY:

Copy of manufacturers warranty to be included with bid. Minimum 5 years unlimited mileage Bumper to Bumper 100% parts and labor.

MANUALS:

Furnish 1 complete set of manufacturer's service manuals and parts books.

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BID FORM

1) Tandem Axle Truck, as per specifications: \$ _____

Make/Model _____

2) Tandem Axle Truck, as per specifications: \$ _____

Make/Model _____

LESS TRADE-IN

County No. 3152

Model International Series 7400 SBA

Serial No. 3HAWGAZTXGL210672

-(\$ _____)

County No. 3164

Model International 7000 Series 7400

Serial No. 3HAWGSTT3HL478222

-(\$ _____)

Any questions can be directed to the Jackson County Engineer's Office at (563) 652-4782 or Maquoketa County Shop at (563) 652-4318.

Bids are due in the Jackson County Engineers Office by 10:00 am Thursday April 3, 2025.

Bid submitted by: _____

Name _____

Company _____

Address _____

City/State/Zip _____

Phone: _____ Fax: _____

Delivery Date: _____