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Engineer

REQUEST FOR BIDS

CHIPPEWA COUNTY ROAD COMMISSION
3949 S. MACKINAC TRAIL
SAULT STE MAIRE, MI 49783

October 24, 2025

The Chippewa County Road Commission will accept sealed bids until 11:00 a.m. on Wednesday, November 5, 2025 for the purchase of six (6) new tandem axle cab & chassis. All bids received will be publicly opened, read, and tabulated at that time. Please submit your bid to the Road Commission office located at 3949 S. Mackinac Trail, Sault Ste. Marie, MI 49783.

Bids submitted for consideration are to be in sealed envelopes and plainly marked **"2025 Tandem Axle Truck Bids."** Any bids received after the specified date and time will be returned, unopened. Please allow time for your bid to get through the U.S. Postal Service. Mail drop off for the Road Commission is anywhere between 1:00 p.m. and 4:00 p.m. **FAXED & EMAILED BIDS WILL NOT BE ACCEPTED.**

Bids specification forms can be obtained at the above address or by calling (906) 635-5295. Office hours are Monday through Friday, 6:00 a.m. to 4:00 p.m. Bid documents will also be available on-line at our website: www.chippewacountyroads.org.

Bids shall become effective upon award.

The Chippewa County Road Commission reserves the right to accept or reject any or all bids, waive irregularities in any bid, and award the bid which, in their opinion, is in the best interest of the Road Commission.

CHIPPEWA COUNTY BOARD OF ROAD COMMISSIONERS

Jeremy K. Gagnon – Chairman
Charles Moser– Vice Chairman
Kevin E. Sprague- Member

BID SPECIFICATIONS FOR EIGHT (6) 64,000 GVW TANDEM AXLE TRUCK

CHIPPEWA COUNTY ROAD COMMISSION

MIN. SPEC.

BID SPEC.
Indicate Yes/No or
Item Furnished

G.V.W.:

- A. 64,000 GVW Diesel Dump Snowplow truck approx.
- B. All vehicles to meet or exceed these GVW weights at hubs.

FRAME:

- A. Minimum 1/2" single frame resistance to bending moment 3,468,000 with ability to handle front plow. (Must be customer approved.) Minimum section modulus shall be 28.3" cubic inches, 120,000 PSI.
- B. Front frame extensions to be 24" long minimum. Truck manufacturer to be responsible to provide 24" minimum ground clearance. Mounting of components not to interfere with mounting of underbody scraper and hydraulic systems.
- C. Truck dealer to be responsible for any modifications needed to adapt hydraulics and/or plow components.
- F. Frame should be coated for anti-corrosion.

DIMENSIONS:

- A. Wheelbase approx. 214 inches. (body builder to determine final dimensions)
- B. 78" Front axle to back of cab.
- C. Back of cab to the center of tandem 138" nominal (body builder to determine final dimension).

FRONT AXLE:

- A: 20,000lbs. axles, 3.74 drop
- B. Factory front axle alignment.
- C. Iron Preset Plus hubs 10 hole hub pilot.
- D. BENDIX ADB22X air disk front brakes.
- E. Zerk fittings on tie rod ends, king pins and draglink joints.
- E. Heavy duty, cast iron, spring brackets with greaseable spring pins.
- F. 23,000 lb. taperleaf springs with heavy-duty shocks
- G. Power steering. Sheppard M-100 or equivalent steering gear (dual).
- H. Brake pad dust shield.
- I. Oil lube bearings synthetic.
- J. State min. turning radius with chart.

REAR AXLE:

- A. Meritor RT 46-164E heavy wall thickness with lube pump tandem 46,000 lbs.
- B. Magnetic rear oil drain plug
- C. Iron preset plus hub pilot hubs.
- D. BENDIX ADB22X Air disk brakes with auto adjusters
- E. Dust shields for brake pads
- F. Driver controlled main differential lock, rear-rear.
- G. Warning light for differential lock
- H. Synthetic axle lubricant
- I. Axle ratio 4.89
- J. 46,000 lb. heavy duty air ride suspension. Minimum ground clearance of 19.5". Manufacturer certified for off road use (Only Air-Trac, Hendrickson Pri-Max).
- K. Air Suspension pressure gauge (dash mounted).
- L. Four heavy-duty shocks
- M. Air springs with internal bumpers.
- N. Dash mounted air suspension dump.
- O. Long stroke parking brakes.
- P. Dash mounted air suspension dump switch with warning light.

ENGINE & EQUIPMENT:

- A. Cummins X15 500 HP at 1900 rpm, 1700 tq @ 1000 rpm.
- B. Engine brake.
- C. Electronic cruise control.
- D. Denso 160-amp brushless alternator or equivalent.
- E. Gear reduction starter heavy duty premium quality.
- F. Immersion type block heater 110-120 vac.
- G. Weather pack silicone sealed electrical chassis connectors, 12-volt system with circuit protection, wires numbered every 4 inches or less.
- H. Four (4) Premium 12-volt batteries threaded stud type terminal approved for service maintenance free. Total of 2800 cca.
- I. Stranded copper battery cables, double aught (00) or larger.
- J. Kissling or equivalent battery disconnect switch mounted on the side of the battery box or protruding from the inside of battery box.
- K. Horton Drivemaster fan clutch.
- L. WABCO 25.9 CFM air compressor.
- M. Spin-on filter – fuel, water, oil shut-off valves on fuel & water filters. Fuel filter head to be electrically heated. Replaceable cartridge filters also allowed.

- N. Silicone radiator hose.
- O. Heavy-duty engine air cleaner to be mounted under hood.
- P. Vertical mounted DPF/SCR behind cab with DEF tank LH side. Tank mounted as far rearward on chassis as possible.
- Q. Curved chromed standpipe.

TRANSMISSION AND CLUTCH:

- A. Allison 4500 RDS-P Gen 6 – with snowplow Programming 6 speed wide ratio.
- B. RPL25 SD driveline with single midship bearing with slotted rubber bearing mount, universal joints with zerk fittings.
- C. RPL20 interaxle shaft.
- D. Dash mounted push button shifter.
- E. Main trans rear support.
- F. Synthetic lubricant.

AIR EQUIPMENT:

- A. Bendix AD-HF EP air dryer with heater and ext purge.
- B. Teflon-lined, stainless steel braided compressor discharge hose.
- C. Painted steel air tanks mounted outside and parallel of frame rails with pull cord drain valve.

TIRES & WHEELS:

- A. Front tires: Bridgestone 18 ply 385/65R22.5
- B. Front wheel: Aluminum 22.5 x 12.25 pilot mount wheel.
- C. Rear tires: Bridgestone 16 ply 11R22.5 M799
- D. Rear wheels Accur 50291PK 22.5x8.25 steel wheel pilot mount must be severe service duty.
- E. Wheel guards on rear axle and front axle.

FUEL TANK AND DEF TANK:

- A. Transportation type only.
- B. If engine requires inline check valve and or fuel shut off kits, it shall be the responsibility of the truck bidder to furnish.
- C. DEF tank mounted LH side as far rearward frame as possible.

BATTERY BOX & BUMPER:

- A. Aluminum battery box with non-slip step left hand under cab.
- B. Battery box LH and tool box RH should be mounted as high as possible.
- C. ¼ to ¾" rubber mat in bottom of battery box.
- D. Steel bumper swept back painted.
- E. Two (2) tow pin holes with pins.
- F. Right hand under – cab aluminum toolbox.

CAB AND EQUIPMENT:

- A. Aluminum cab with hood spring tilt assist.
- B. Fixed stainless-steel grill to allow for hood to open over plow frame.
- C. Full length piano type stainless steel door hinges and pins.
- D. Tinted safety glass.
- E. Interior noise reduction package.
- F. Severe service cab package.
- G. Thermal insulation cab package.
- H. Extra wide front fender flares – must cover tire.
- I. Driver hi back fabric air seat with arm rest right hand side of seat and left-hand side of seat.
- J. Passenger low back fabric non air seat, includes storage compartment under seat.
- K. 3-point seat belt/shoulder harness driver and passenger seats.
- L. 18" VIP urethane steering.
- M. Tilt and telescopic steering column.
- N. Inside sun visor – driver and passenger.
- O. Dark interior with vinyl panels, door pads with rubber kick pad insert.
- P. Interior dome light with door switches.
- Q. Black rubber floor mats with removable floor mats.
- R. Extended rear window back of cab standard tint 2" extension.
- S. View window right hand door.
- T. Combo fresh air heater, air conditioner with air intake that won't ingest snow when plowing.
- U. Silicone cab heater hoses with heater water shut off valves ball type ¼ turn.
- V. Heated mirrors.
- W. Two (2) stainless steel convex 8" center mounted heated mirrors.
- X. Removeable floormat inserts.
- Z. Additional power outlet 12V in dash.
- AA. Stainless steel mirror fasteners, bracket optimized for 102" width.
- BB. Stainless steel grab handles.
- CC. Stainless steel sun visor.
- DD. Dual air horns with stainless steel covers.
- EE. AM/FM stereo 7.5W with two (2) speakers, electronic tuning Including Bluetooth capability.
- FF. Plug in circuit breakers to replace fuses in junction box.
- GG. Dual door-stop—drivers and passenger doors.
- HH. Electric windshield wipers with intermittent feature.
- KK. Cab Mate style cab air suspension, includes two airbags, two shock absorbers, one leveling valve and radius rod.
- LL. Drivers and Passenger side power window.
- MM. 10lb 3a:40bc Fire extinguisher shipped loose.
- NN. Triangle reflector kit shipped loose.
- OO. Speedometer electronic 0-80 mph with odometer, tachometer electronic 0-3000 rpm with integral hour meter, trip odometer. Gauges to include, fuel level, water temp, voltmeter, oil pressure

- Trans temp, engine oil temp, air cleaner restrictor, suspension Pressure, DEF, cigar lighter, outside air temp.
- PP. Warning light package includes high water temp, low oil pressure, low air pressure, coolant warning lights with buzzers, high beam and turn signal indicators.
- QQ. Marker lights five (5), rectangular LED.
- RR. Switch & wiring, indicator light, and 10" stainless steel roof mounted bracket for F/O beacon light above each door.
- SS. One (1) additional switch & wiring for outside lighting.
- TT. Six (6) additional toggle switches minimum.
- UU. Daytime running lights.
- VV. All trucks keyed alike.
- WW. Power terminals and reinforced panel header for mounting two-way radio.
- XX. CB radio 40 channel.
- YY. Air & Electric connection to end of frame.
- ZZ. Telematics system to allow for remote diagnosis of trouble codes.
- AAA. Dual output speed sensors for ground and engine speed.
- BBB. Single pod mounted LED heated headlights.
- CCC. CB radio antenna and AM/FM antenna to be mounted on LH mirror.
- DDD. 6" road spot light LH mounted.
- EEE. Back up alarm factory installed.

PAINT:

- A. IMRON solid color paint.
- B. Cab F8802EY Orange
- C. Frame black
- D. Rear wheel white
- E. Hood top flat black (per CCRC specifications).

GENERAL CONDITIONS:

Truck mfg. to allow in house warranty repairs to be performed by Road Commission mechanics and reimbursed at cost for such repairs. State labor rate for in house repairs.

Yes _____ Rate _____
No _____

Truck mfg. to provide one (1) parts manual and two (2) service manuals for vehicle and all components.

Yes _____
No _____

Truck mfg. to be responsible for all warrantable items.

Yes _____
No _____

Also include warranty quick reference guide.

OPTIONS:

(1) Extended Warranty

Yes _____
No _____

(2) State warranties on all major components track, engine, trans, emissions.

Yes _____
No _____

(3) State alternative engine choices and associated price adjustment. (must include displacement, horsepower and torque comparison to the specified Cummins X12).

State Warranty

Specify Firm Delivery Date _____

Price _____

BIDDER INFORMATION:

Dealer Name: _____

Sales Person: _____

Address: _____

Telephone: _____

Fax: _____

E-Mail: _____

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