

## **NOTICE TO BIDDERS**

Sealed bids will be received by Alcona County Road Commission at 301 N. Lake St., P.O. Box 40, Lincoln, MI. 48742 by 4:00 PM local time October 24, 2017. Results to be read at a regular meeting of the Board of Road Commissioners on October 25, 2017 at 4:15 p.m.

**No faxed or emailed bids will be accepted.**

### **One (1) or more new 2018 64,000 G.V.W. Tandem Trucks**

The trucks will be equipped with a radius dump body, 9" tailgate spreader, underbody scraper, front snowplow hitch, side snow wing, and a hydraulic system to operate the equipment.

Bidder's proposals are to be properly completed and enclosed in a sealed envelope marked:

### **“ TANDEM AXLE PLOW TRUCK BID “**

The Alcona County Road Commission reserves the right to reject any or all bids, or any part thereof at its discretion and to waive any irregularities in the bidding. The purchaser may also split the bids at its discretion.

Bidders shall mark either yes or no in ink in the spaces provided indicating if there is compliance for each portion of the specification.

**Alcona County Road Commission  
301 N. Lake St. P.O. Box 40  
Lincoln MI. 48742**

**Specifications**

One (1) or more new 2018 tandem axle truck cab and chassis, 64,000 G.V.W. minimum

**Use and Construction:** The bidder's truck shall be of adequate design and construction to haul 9.6 cubic yards of gravel in a 14 foot radius dump body, accommodate a 12 foot underbody scraper, side snow wing, and operate with a front mounted snow plow. It shall be the bidder's responsibility for the frame extension and the tilt hood must have proper clearance for the snow plow hitch.

DELIVERY DATE: \_\_\_\_\_

MODEL: \_\_\_\_\_ YEAR: \_\_\_\_\_

TERMS: \_\_\_\_\_

WARRANTY: \_\_\_\_\_

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

AMOUNT OF BID PER NEW UNIT \$ \_\_\_\_\_

## Detailed Specifications

### 64,000 GVW truck with diesel engine

The unit shall be the latest production model 2018 cab and chassis.

	Indicate Compliance	Yes	No
<b><i>1 Conventional Cab</i></b>			
a. Arm rests on both doors	_____	_____	_____
b. Sun visors, right and left	_____	_____	_____
c. Driver seat: National 2000 series, high back, air suspension, with right and left side arm rest and cloth upholstery	_____	_____	_____
d. Bucket type passenger seat	_____	_____	_____
e. Grab handles on both sides of cab exterior	_____	_____	_____
f. Dual amber electronic strobe lights to be cab mounted with stainless brackets	_____	_____	_____
g. Running board steps attached to sealed stainless or aluminum tool box on both sides of cab	_____	_____	_____
h. Power windows driver controlled	_____	_____	_____
i. Tinted windshield	_____	_____	_____
j. Tilt and telescoping steering wheel	_____	_____	_____
k. Seat belts to be hi viz orange with shoulder restraint	_____	_____	_____
l. Audible warning system, oil pressure, high water temperature	_____	_____	_____
m. Dual air horns with snow caps	_____	_____	_____
n. Cab is to be air ride	_____	_____	_____
o. Foot controls are to be suspended	_____	_____	_____
p. Exterior sun visor above windshield (stainless cab mounted)	_____	_____	_____
<b><i>2 Gauges</i></b>			
a. Instruments are to be back lighted gauges	_____	_____	_____
b. Odometer	_____	_____	_____
c. Oil pressure	_____	_____	_____
d. Volt meter	_____	_____	_____
e. Engine temperature	_____	_____	_____
f. Fuel level indicator	_____	_____	_____
g. Tachometer	_____	_____	_____
h. Hour meter	_____	_____	_____
i. Transmission oil temperature	_____	_____	_____
j. Dash mounted air restriction	_____	_____	_____
k. Dual Air pressure	_____	_____	_____
l. Outside air temperature	_____	_____	_____

Indicate Compliance                      Yes      No

**3 Mirrors**

- a. Two 6" X 16" stainless steel west coast type (heated)                      \_\_\_\_\_
- b. Four bracket extension arms                      \_\_\_\_\_
- c. Two (heated) 8" Convex blind spot mirrors (attached but not part of above)                      \_\_\_\_\_

**4 Radio**

- a. To be a factory installed am-fm with two speakers                      \_\_\_\_\_
- b. Radio antenna to be mounted on cowl (on drivers side)                      \_\_\_\_\_
- c. Radio system to have Bluetooth capabilities                      \_\_\_\_\_

**5 Dimensions**

- a. Cab to trunnion (CA) shall be 138"                      \_\_\_\_\_
- b. Cab to end of frame, proper length to accommodate fourteen foot (14) dump body mounted 20" back of cab                      \_\_\_\_\_
- c. 20" minimum between seats for mounting of controls                      \_\_\_\_\_
- d. Vehicle must have a minimum of 27" of ground clearance to allow for proper installation of the underbody scraper                      \_\_\_\_\_

**6 Engine**

Shall be Detroit Diesel DD13 or equal.

- a. Engine 450 hp minimum                      \_\_\_\_\_
- b. Engine torque 1650 ft. lbs.                      \_\_\_\_\_
- c. Specify make and model                      \_\_\_\_\_
- d. Must have variable speed governor                      \_\_\_\_\_
- e. Unit MUST have crankshaft adapter for front PTO                      \_\_\_\_\_
- f. Inside/outside air with dash control                      \_\_\_\_\_
- g. Air cleaner dry type under hood for all conditions                      \_\_\_\_\_

**7 Transmission**

- a. Eaton Fuller synchronized, 10 speed FRO-16210C or equal                      \_\_\_\_\_
- b. Speed to be electronically maintained at 68 MPH maximum                      \_\_\_\_\_
- c. In all instances, there MUST be sufficient underclearance provided to permit installation and complete operation of underbody scrapers                      \_\_\_\_\_
- d. The successful bidder shall submit in writing, the proposed transmission gear ratios and rear differential ratio to be supplied and obtain approval from the Alcona County Road Commission                      \_\_\_\_\_

Indicate Compliance                      Yes      No

**8 Clutch**

- a. Heavy duty, manual adjust clutch                      \_\_\_\_\_

**9 Heater and defroster**

- a. To be a deluxe fresh air flow heater with defroster                      \_\_\_\_\_
- b. To include air conditioning                      \_\_\_\_\_

**10 Hood**

- a. Tilt type hood (no butterfly hood)                      \_\_\_\_\_
- b. Stationary front grill                      \_\_\_\_\_
- c. Must be capable of tilting over the snowplow hitch                      \_\_\_\_\_
- d. Rubber fender extensions                      \_\_\_\_\_

**11 Wipers**

- a. Electric intermittent                      \_\_\_\_\_
- b. Electric washer system                      \_\_\_\_\_
- c. Specify mounting location (top or bottom)                      \_\_\_\_\_

**12 Alternator**

- a. Delco minimum of 120 amp rating                      \_\_\_\_\_
- b. Fully transistorized voltage regulator                      \_\_\_\_\_

**13 Battery**

- a. Three battery 12 volt system to be mounted in cab                      \_\_\_\_\_
- b. Minimum 1900 amp cold cranking power                      \_\_\_\_\_

**14 Electrical System**

- a. Individually protected circuits via circuit breakers                      \_\_\_\_\_
- b. Cab clearance lights                      \_\_\_\_\_
- c. Hazard switch for four way flashers                      \_\_\_\_\_
- d. Interior map lights & dome lights to come on when doors open                      \_\_\_\_\_
- e. Halogen headlights                      \_\_\_\_\_
- f. Stop and tail lights and back up lights                      \_\_\_\_\_
- g. To include ground speed signal pick up sensor                      \_\_\_\_\_

Indicate Compliance          Yes    No

**15 Fuel Tank**

- a. To be temporary. Tank will be changed to combination fuel and oil tanks behind the cab \_\_\_\_\_
- b. DEF Tank mounted left side Minimum 27" ground clearance \_\_\_\_\_

**16 Frame**

- a. Heavy duty, 1/2 inch single channel frame must exceed 64,000 GVW requirements \_\_\_\_\_
- b. Integral straight frame extending 20" beyond front of grill \_\_\_\_\_
- c. State section modules and bending moment \_\_\_\_\_

**17 Gross Vehicle Weight Rating**

- a. Factory rated minimum capacity of 64,000 lbs \_\_\_\_\_

**18 Exhaust System**

- a. Vertical exhaust system with configuration not to interfere with the mounting of combination fuel and oil tanks, dump body, and underbody scraper \_\_\_\_\_
- b. Single exhaust shall be outboard mounted on passenger side \_\_\_\_\_
- c. Shall have a minimum of 27" of ground clearance \_\_\_\_\_

**19 Rear Axle & Differential**

- a. Meritor RT 46164P with pump \_\_\_\_\_
- b. Dual wheels and 46,000 lb. minimum capacity \_\_\_\_\_
- c. To be single speed, differential lockout, main, both rear axles \_\_\_\_\_
- d. To include a driver controlled, full locking differentials \_\_\_\_\_

**20 Rear Suspension**

- a. 46,000 Air Liner air ride \_\_\_\_\_
- b. Heavy duty shock absorbers \_\_\_\_\_
- c. Minimum 46,000 lb. ground rating \_\_\_\_\_

**21 Front Axle**

- a. Heavy duty 20,000 lb. set back axle \_\_\_\_\_
- b. Wet type front axle wheel bearings and seals \_\_\_\_\_

Indicate Compliance **Yes** **No**

**22 Front Suspension**

- a. Heavy duty semi-elliptic leaf type with shocks \_\_\_\_\_
- b. 20,000 lb. ground rating \_\_\_\_\_

**23 Radiator**

- a. Heavy duty with heavy duty transmission cooler \_\_\_\_\_

**24 Air Dryer**

- a. Wabco system saver 1200 \_\_\_\_\_
- b. Mounted on outside of frame \_\_\_\_\_

**25 Steering**

- a. Shall be dual power steering \_\_\_\_\_

**26 Wheels**

- a. Shall be Aluminum front and steel dual rear wheels \_\_\_\_\_
- b. Hub Pilot direct bolt \_\_\_\_\_
- c. Front 12.25 X 22.5 \_\_\_\_\_
- d. Rear 8.25 X 22.5 Accu-ride 2 hand part# 28828 \_\_\_\_\_

**27 Tires**

- a. Front Michelin XZY3 tubeless radial 385/65R 22.5 \_\_\_\_\_
- b. Rear Michelin XDN2 tubeless radial 12.00R 22.5 \_\_\_\_\_

**28 Brakes**

- a. Air compressor 19 C.F.M. \_\_\_\_\_
- b. Air brakes front and rear and air parking brake \_\_\_\_\_
- c. Brake dust shields \_\_\_\_\_
- d. Spring brake Anchor Lock Life Seal on both rear axles \_\_\_\_\_
- e. Low air pressure warning device or buzzer \_\_\_\_\_
- f. Shall be cam type with automatic slack adjusters \_\_\_\_\_
- g. Dual air reservoirs \_\_\_\_\_
- h. Drain cocks on all tanks \_\_\_\_\_

**29 Finish**

- a. M.D.O.T. Omaha orange \_\_\_\_\_

**30 Options**

- a. Eaton Ultra-Shift Plus 8LL (Key pad shift seat mounted) \$ \_\_\_\_\_
- b. Detroit Diesel Virtual Technician \$ \_\_\_\_\_
- c. Allison 4500RDS Automatic Transmission \$ \_\_\_\_\_
- d. Trailer tow package (air with independent trailer brake controller & electric to the rear of vehicle) \$ \_\_\_\_\_

**31 WARRANTY and MANUALS**

Successful bidder **MUST** furnish **illustrated parts, operator, and service manuals**, for engine, chassis, and **line setting tickets** at **time of delivery**.  
Engine warranty minimum 7 years or 250,000 miles (EW4) \_\_\_\_\_  
Coolant system warranty (5 year minimum) \_\_\_\_\_  
Towing and Roadside Assistance (5 year minimum) \_\_\_\_\_  
Attach description and cost of available extended warranty options. \_\_\_\_\_  
Must supply Alcona County Road Commission with a build date one week after bid has been awarded. \_\_\_\_\_



**General Provisions:**

FEDERAL AND STATE OF MICHIGAN vehicles shall conform to all federal vehicle safety standards regulations and shall conform to all State of Michigan rules, regulations, and/or laws in effect at the time of delivery.

Bidder's must indicate a "Yes" or "No" after each line on the bid form on the line provided. If "No" is stated, bidders MUST state make and model, and attach a separate sheet if additional space is needed in describing details of the differences in the product being submitted.

Truck chassis bidder will be responsible for transporting the chassis to the body and equipment installer, and delivery of the completed vehicle to the customer.

If the truck body and equipment installer has to make modifications to the chassis, (exhaust system, relocating air tanks, etc.) the chassis bidder will be charged time and material by the equipment bidder.

Bid Date: \_\_\_\_\_

NAME OF BIDDER: \_\_\_\_\_

AUTHORIZED SIGNATURE: \_\_\_\_\_

This form must be completed and returned with bid.

The Board reserves the right to accept or reject all or part of any bid or bids, to waive any defects and to award the bid or bids, that in the opinion of the Board are in the best interest of the Alcona County Road Commission.

**NON-COLLUSION AFFIDAVIT**

State of Michigan  
County of \_\_\_\_\_

The undersigned \_\_\_\_\_ Title \_\_\_\_\_

being duly sworn and says that \_\_\_\_\_

is the supplier submitting this bid, and that its agents, officers or other employees have not directly or indirectly entered into any agreements, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal for the above equipment.

\_\_\_\_\_

\_\_\_\_\_

Taken subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_ 2017

\_\_\_\_\_  
Notary Public in and for the

\_\_\_\_\_  
County of

My commission expires: \_\_\_\_\_

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This bid is hereby awarded to the above bidder subject to final inspection upon delivery.

\_\_\_\_\_ Date: \_\_\_\_\_

Jesse J. Campbell  
Managing Director  
Alcona County Road Commission