

CLINTON COUNTY ROAD COMMISSION
3536 S. US 27
ST. JOHNS, MI 48879
Phone (989)224-3274
Fax (989)224-4003

TWO (2) HEAVY DUTY TANDEM AXLE DUMP TRUCKS

Sealed bids will be opened at **10:00 am on Wednesday, August 22, 2018** by the Clinton County Road Commission located at: 3536 S. US 27, St. Johns, MI 48879 for:

TWO (2) TANDEM AXLE DUMP TRUCKS

COMPANY NAME _____

ADDRESS _____

City, State, Zip _____

PHONE NUMBER _____ SIGNATURE _____

CONTACT NAME _____

EMAIL _____

YEAR _____

MAKE _____

MODEL _____

PRICE FOR ONE (1) \$ _____

PRICE FOR TWO (2) \$ _____

DELIVERY _____

GVWR: 66,000 lbs.

FRONT GAWR: 20,000 lbs.

REAR GAWR: 46,000 lbs.

ENGINE: Minimum Displacement 13-liter engine must meet or exceed all US Emission Standards and current regulations. If the manufacturer offers different engine options list the make, model, and cost of differences. Engine brake will be included.

Min. Gross torque 1,650 lbs at 2100 RPM

Min. Gross Horsepower 450

RPM – Max of 2100

Make _____ Model _____

Horsepower _____ Ft. lbs of torque _____

Cat _____

Cummins _____

Detroit/MBE _____

Volvo _____

Other _____

Automatic warning and shut down device for low oil and/or high temperature.

Air intake must be capable of providing dry clean air under all seasonal conditions, especially snow plowing conditions.

Cooling capacity shall be adequate for maximum horsepower of engine – 450 HP and anti-freeze type recommended by engine manufacturer.

Heavy duty radiator to be full core with no hole for PTO.

Single vertical muffler system – mounted at rear of cab with stainless steel heat shield and chrome over cab extension.

Radiator hoses – Gates Green Stripe – No silicon.

Engine 5 year/100,000. (Copy of warranty upon delivery).

PTO end of crankshaft mount for 1300 series spicer shaft and universal joints.

Current engine diagnostic programs and any necessary cables or adapters will be supplied by engine supplier at NO cost to Road Commission and upon delivery of truck to CCRC. Future upgrades will also be supplied at NO additional cost. Yearly upgrades to programs will be supplied to the Road Commission at NO additional cost.

- AIR COMPRESSOR:** 28 CFM minimum capacity.
Warranty to be included with engine 5 year – 100,000 miles.
- AIR CLEANER:** Dry type, single element.
Air intake – to be an under-hood type, with an in-cab control for winter/summer selection capable of providing dry clean air under all seasonal conditions. Include air filter restriction indicator.
- EXHAUST:** Vertical muffler and tail pipe, with safety shield, assembly must be mounted outside the frame rails. A 90-degree elbow to be mounted at the top.
24" ground clearance must be maintained.
3" clearance must be maintained between frame and exhaust pipe.
- FUEL TANK:** 20"-50-gallon aluminum round fuel tank. Right and Left under cab.
- TRANSMISSION:** Allison hd automatic 4560p, 6 speed construction special with 5 year full warranty, unlimited hours/miles.
TCM located inside cab to protect from elements.
- REAR AXLE:** 46,000 lbs. Rockwell RT-46-160P, single speed inter-axle lock. Maximum road speed to be 62 MPH at GVWR and engine manufacturer's recommended R.P.M. Rear axle ratio to be determined at time of order.
Driver controlled differential lock for both axles with switch and light in dash.
Driver controlled inner axle truck lock with switch and light in dash.
Option: if truck is equipped with traction control it will have a switch that will allow the system to be turned off for snow plowing in icy conditions.
- REAR SUSPENSION:** Hendrickson HMX 460 with shocks. 46,000 lb. capacity.
Fore/aft transverse torque rods with shocks.
- REAR TIRES:** 11RX22.5 Goodyear G124 or Michelin XDE M/S
22.5X8.25 ISO hub piloted 10-hole wheels.
Wheels 10-heaviest available ISO hub piloted.
Rear rims heavy duty powder coated white. Include one extra rim.
- FRONT AXLE:** 20,000 lbs. GVWR.
Oil lubricated wheel seals, integral power steering, set back axle with shocks.
Option: TRW TAS 85 power steering gear.
- FRONT SPRINGS:** 20,000 lbs. At ground as a minimum to meet GAWR. Tapered leaf springs.

FRONT TIRES:

315/80RX22.5 Goodyear Regional RHS/G291
22.5X9.00 ISO piloted 10-hole wheels. Front rims to be aluminum.

FRAME:

Frame shall be Hi-Tensile single frame. Full length frame adequate for the GVW and type work this unit will do.

Thickness of rail in. _____
Frame must have minimum 3,200,000 # RBM.

Depth of rail in. _____

Width of flange in. _____

_____ **Sec. Modulus**

_____ **PSI Allowable**

_____ **RBM**

Continuous integral front frame extended for snow plow hitch mounting minimum of 20" from grill (no bolt-ons). After frame 75".

BRAKES:

Full air brakes
Cam type only
Rear: Cam type
Front: Cam type
Rear shoes: 16.5"x7" **Q Plus** shoes
Front shoes: 16.5" x 6" **Q Plus** shoes
Spring loaded parking brakes, on both rear axles
28 cubic foot gear driven air compressor
Wabco System Saver air dryer with spin on filter or Bendix adis-ep
Automatic Slacks – Haldex
Front and rear dust covers

ELECTRICAL:

160 AMP Leeceniville alternator, with 2700 CCA minimum battery capacity, top conventional battery post (threaded). Batteries to be mounted in cab.

Frame mounted external jump start terminals.

Fender mounted turn signals.

Battery disconnect switch mounted inside cab on cab floor, left of driver's seat.

Must disconnect positive cable while still allowing clock and radio memory.

Plow light wiring should be provided with cab and chassis.

PTO:

For live power, no shafts through radiator, no PTO on transmission.

Front pump plate bracket to be mounted between frame rails and pump. End Yoke u-joints are to have metal shield to prevent grease from radiator-grille.

Pump is to be mounted in-line with crankshaft ahead of radiator.

CAB:

Chrome exhaust

Delay lower wipers

National air ride deluxe high back, cloth seat with attached right and left armrests and air lumbar support.

Passenger seat, cloth covered

Sun visors – dual interiors and S.S. exterior.

Dual air horns with caps

Tinted glass

8" spot mirrors on both sides

6" x 16" West Coast mirrors – stainless (Heated)

Power windows must be able to operate right side with driver's side control

Outside grab handles, running boards – left and right sides with non-skid tape

Tilt sloped, hood with access hatches and fixed grill (hood must be able to fully tilt over the snowplow attachment).

Front fender extensions.

Any option: for cab sound deadening will be included.

Gauges: Volt, ammeter, hour, oil pressure, water temperature, tachometer, and speedometer – to read in tenths of a mile.

Engine alarms (lights and audio) – air, oil, and water gauges.

Air cleaner restriction gauge mounted in dash.

Cigarette lighter.

Premium interior with center console and drink holders.

Mechanical or air cab suspension.

Tilt/tele steering column.

Cab mounted strobe brackets.

Location of all relays, transmission controllers, and wiring relay boxes, etc shall be located in the cab unless clearly noted on bid sheet. Note the location of any electrical control box mounted outside of cab. Emissions or ECM.

PAINT:

Dupont 24592 AH Orange.

RADIATOR: Bolted construction with no cut outs or holes for PTO shaft.

SPECIAL EQUIPMENT: 24" ground clearance under cab to permit installation of underbody by body company.

In cab auxiliary speedometer pick up for ground speed salt controller hook up.

CAB TO AXLE: Should be matched to body specifications (140" min.).

WHEELBASE: To be compatible with cab to axle dimensions – please list.
Back of front tire to face of front tandem 117" minimum.

The exact dimension will be determined by equipment supplier.

ADDITIONAL EQUIPMENT:

AM/FM Radio with compact disc and dual speakers.

AM/FM/CB combo antenna.

Two-way Motorola radio, Motorbo XPR 5350, frequency range UHF with GPS, set to Clinton County Road Commission frequency.

Air conditioning.

Unit must meet all current MIOSHA regulations.

Front axle mud flaps.

MANUALS:

Suppliers shall furnish **ONE COMPLETE PARTS MANUAL AND ONE SERVICE SHOP MANUAL INCLUDING WIRING SCHEMATIC.**

In addition, **ONE OPERATORS MANUAL** will be furnished for each piece of equipment. A complete list of filter numbers along with starter and alternator numbers will be provided. Suppliers should note that payment would be withheld until manuals have been furnished.

NOTE:

Bidder must include a detailed manufacturer specification sheet. A complete extra set of belts and all filters shall be delivered with each unit. Trucks shall be delivered with no less than ½ tank of fuel.

MISCELLANEOUS:

Five (5) year full warranty will be included.

Bidder is responsible for transportation to and from repair facility for any and all repairs that are necessary.

All software for engine, ABS and transmission trouble shooting will be included.

Provide options list.

DEALER SUGGESTIONS:

If you as an equipment supplier, have a product or component that you feel would improve the performance or longevity of equipment outlined in this bid, The Clinton County Road Commission would be interested in reviewing those options. The changes will be listed as options and show increase or decrease to the bid.

Questions regarding bid specification may be directed to Jeff Brown, Equipment Supervisor at (989) 668-0045.

RENEWAL OPTION:

The Road Commission reserves the right to extend the bid price for additional equipment of like specifications. Each additional purchase to be mutually agreed upon by both parties. Pricing, terms and conditions of the bid as awarded will remain the same for any subsequent purchases.

Price F.O.B. Clinton County Road Commission, 3536 S. US Highway 27, St. Johns, Michigan 48879. Bidder is to submit literature, warranty and service manuals at the time of delivery. Tax exemption certificate will be signed upon request.

The Board of Clinton County Road Commissioners reserves the right to reject any or all bids and to accept the bid that is in the best interest of the Clinton County Road Commission.

TITLE VI – The CLINTON COUNTY ROAD COMMISSION in accordance with Title VI of the Civil Rights Act of 1964, 78-252, 42 U.S.C. 2000d-2222d-4, the Civil Rights Act of 1987, P.L. 100-259, and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, Non-discrimination in federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, Disadvantaged Business Enterprise firms will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of Race, Color, Sex, Age, National Origin, or Handicap in consideration for an award.

THIS IS A SEALED BID; THEREFORE, WE CANNOT ACCEPT A BID IN THE FORM OF A FAX OR AN EMAIL.

There will be a one (1) percent penalty assessed for every day past delivery date given at time of bid opening.