



Invitation to Bid

The Oscoda County Road Commission (OCRC) will receive sealed bids for two (2) tandem axle cab and chassis until June 6, 2016 at 3:30pm. The bids will be tabulated and then read aloud at the regular board meeting on June 14, 2016 at 8:00 a.m.

No faxed or emailed bids will be accepted.

Bids shall be submitted on forms furnished by the OCRC and shall be submitted in a sealed envelope clearly marked as to its contents.

The bidder must submit with their bid, two (2) sets of the latest printed manufacturers specifications and advertising literature on the unit they propose to furnish along with their **tentative build sheet**, which identifies the specific components being offered.

Any deviations from the specifications given shall be submitted with the bid with full details of each variation.

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.

Truck chassis bidder will be responsible for transporting the chassis to the body and equipment installer.

Financing rates, terms, options, and payment schedule must be provided for a complete truck, including the cab/chassis, dump body, underbody, sander, hydraulic system, and all related components.

Use and Construction: The bidder's truck shall be of adequate design and construction to haul 10.8 cubic yards of gravel in a 14-foot 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.

Proposal

We, the undersigned, agree to furnish to the OCRC two (2) tandem axle truck chassis conforming to the attached specifications at the price indicated. (Note: one (1) truck must include option #1 transmission, and one (1) truck must include option #2 transmission.)

Make: _____ Model: _____

Year: _____

Delivery Date: _____ Price: _____

Vehicle order cut off date: _____

Company name: _____

Address: _____

City: _____ State: _____ Zip: _____

Signature: _____

Printed name: _____

Title: _____ Date: _____

Phone: _____ Fax: _____

OCRC reserves the right to reject any and all bids, to waive any irregularities in bids, or any part thereof at its discretion, and to accept the bid deemed to be in the best interest of the OCRC.

Specifications

GVWR

Requested GVWR: 66,000

*Yes*_____ *No*_____ *Deviation*_____

Engine

Engine shall be a DD13 12.8L 450 HP @ 1625 RPM, 1900 Gov RPM, 1650 lb/ft torque @ 975 RPM. Engine shall have adapter plate to accommodate front mounted hydraulic pump. Coolant shall be extended life (nitrate and silicate free) with coolant filter. Engine shall be equipped with engine brake with on/off and three (3) brake level switch in dash, and shall have a fuel/water separator, and fuel filter mounted on engine. It shall have 2008 carb emission certification – clean idle (including 6 x 4 inch label on lower forward corner of driver door). It shall have Zerk fitting with extension hose at clutch release bearing, RH outboard frame mounted vertical aftertreatment system assembly with topstack, and LH mounted 13 gallon diesel exhaust fluid tank.

*Yes*_____ *No*_____ *Deviation*_____

Transmission

One (1) truck will contain option #1, one (1) truck will contain option #2.

Option 1 – Eaton Fuller FO-16E308LL – VMS Ultrashift Plus. Electronic transmission customer access connector firewall mounted, electronic control shift lever, tunnel/floor mounted and customer installed Chelsea 489 series PTO.

*Yes*_____ *No*_____ *Deviation*_____

Option 2 – EATON FULLER FO-16E309ALL-VMS Ultrashift Plus Transmission. Electronic transmission customer access connector firewall mounted, electronic control shift lever, tunnel/floor mounted and customer installed Chelsea 489 series PTO.

*Yes*_____ *No*_____ *Deviation*_____

Front Axle

20,000 lb axle with 23,000 lb capacity multi-leaf springs and shock absorbers. Set back axle. TRW THP-60 power steering with RCH45 auxiliary gear with engine mounted direct drive pump. Front bearing/hub lubricant shall be synthetic. Oil seal cap shall be visible cap type with drain. Axle hubs shall be steel hub piloted.

Yes_____ No_____ Deviation_____

Air Compressor

BW Model BA-921 19.0 CMS single cylinder with safety valve.

Yes_____ No_____ Deviation_____

Coolant Hoses

Silicone hoses with constant torque clamps

Yes_____ No_____ Deviation_____

Brakes

Rear brakes – 16.5" x 7" Merritor Q+ lining. Cast Spider Cam with double anchor. Front brakes – 16.5" x 6" Merritor Q+ lining. Cast Spider Cam with double anchor. Rear brake chambers shall be Anchorlock Lifeseal 30/30. Front brake chambers shall be 24 square inches. Front and rear slack adjusters shall be automatic Haldex 5.5". Dust shields on all front and rear. Air tanks shall have 24" ground clearance and manual drains. Wabco 4S/4M ABS with hill start aid and automatic traction control with ATC shut off switch. Wabco SS-1200 Plus air dryer with integral air governor and heater mounted outboard on LH rail. Steel air brake reservoirs mounted inside rail.

Yes_____ No_____ Deviation_____

Rear Axle

RT-46-160P 46,000# capacity, with driver controlled traction differential – both tandem rear axles. One (1) interaxle lock valve, One (1) driver controlled differential lock forward-rear axle valve and One (1) rear-rear axle valve. Dash mounted switches with indicator lights. Axle hubs shall be steel hub piloted. Synthetic lube shall be used. MXL 18T Meritor extended lube main driveline with half round yokes. MXL 17N Meritor extended lube interaxle driveline with full round yokes. Rear brake dust shields. An appropriate gear ration that ensures a minimum fully loaded road speed of 55 MPH matched to electronic engine characteristics that will provide a good balance between economy and performance to be approved by Oscoda County Road Commission prior to ordering. List axle ratio:_____

Yes_____ No_____ Deviation_____

Rear Suspension

Airliner 46,000# air ride suspension with high position ride height. Single leveling valve. Manual dump valve with indicator light and gauge. Rear shock absorbers. Heavy duty suspension option – 23,000#, 45,000#, 69,000# airliner suspensions with 51 inch axle spacing.

Yes_____ No_____ Deviation_____

Fuel Tank/Filter

Temporary – for transportation only. Top draw. DAVCO fuel/water separator. No fuel cooler.

Yes_____ No_____ Deviation_____

Frame

Heavy duty 1/2 inch single channel frame must exceed 66,000 GVW requirements. A bumper and tow hooks shall not be included. Partial inner frame reinforcement at front suspension. 2025mm (80 inch) rear frame overhang. 24 inch integral front frame extension. Under cab frame mounted tool box with integrated steps, RH & LH side. Back of cab to C/L of trunnion shall be 138 inches.

Yes_____ No_____ Deviation_____

Cab

Cab mounted rear suspension – air bag type. Dual air horns with snow covers, mounted on driver’s side of cab roof. Single electric horn. Two (2) stainless steel west coast type heated door-mounted mirrors with stainless mountings and 8" spot mirrors. Stainless steel exterior sun visor. Tilt hood with fixed grill to accommodate Front plow hitch, and rubber fender extensions. Fabric covered high back air ride driver’s seat. Seat shall be a premium quality with adjustable lumbar and back support with integrated cushion extension, forward and rear cushion tilt with adjustable shock absorber. Armrest on right side of driver seat. Passenger seat shall be non-suspension, fixed back integral headrest, with cloth covering. Steering wheel shall be 18" diameter with tilt and telescoping steering column. Tinted glass including rear cab window. Air conditioner integral with heater and defroster. Fresh air cab filters for HVAC. Wipers shall have washer system, and two (2) speeds with intermittent option. Cab shall be insulated and sound suppressed, and have a rubber floor covering – one piece. Grab handles on both sides. RH & LH windows shall be power operated from driver’s side. Cab lights shall be flush mount or low profile. There shall be six (6) extra dash-mounted switches for accessories. They must be minimum 20 amp. Gauges shall be back-lighted: engine oil pressure, fuel, tachometer with hour meter, voltmeter (all electronic), air pressure, Transmission oil temperature gauge. Warning system: (light and buzzer) for low oil pressure, high engine temperature, and low voltage. Fleet radio connections – power and ground connections shall be provided. Information display of on-board diagnostic fault codes and safety-related items. Air cleaner shall have side of hood air intake with dual elements with an in-dash air cleaner restriction gauge, and an underhood/outside air switch in dash. Stainless steel sill plates. Nonremovable bugscreen mounted behind grill. Standard heater plumbing with shutoff valves at supply lines only. 3 point high-visibility orange retractor driver and passenger seat belts.

Yes _____ No _____ Deviation _____

Electrical

12 volt system with 160 amp alternator. Three (3) 31 series maintenance free stud type batteries with rating 2775 cold cranking amps minimum total. A harness to the front of the hood for auxiliary headlights and turn signals for front plow application shall be provided. Power source – cigar type receptacle shall be provided. Back-up alarm – 107 dB. If batteries are mounted in a single box on the left side they must have 24" ground clearance. Truck must be equipped with Master shut off switch, automatic self-reset circuit breaker in main dash power distribution box and circuit breaker/fuse in auxiliary power distribution boxes.

Yes _____ No _____ Deviation _____

Tires

Rear tires – tubeless radials 12 R 22.5 load range H. Michelin XDN2. Front tires – tubeless radials 425/65 R 22.5 load range L. Michelin XZY-3.

Yes_____ No_____ Deviation_____

Wheels

Accuride 29374A 22.5x12.25 10-hub pilot 4.75 inset 10-hand aluminum disc front wheels. Accuride 41644 Accu-lite 22.5 x 8.25 10-hub pilot aluminum disc rear wheels.

Yes_____ No_____ Deviation_____

Paint

Performance Red or equivalent bright red. Under cab and interior cab floor undercoating.

Yes_____ No_____ Deviation_____

Instrument Controls

Non-adjustable suspended pedals. Cruise control switches in the center panel. Heavy duty onboard diagnostics interface connector located below LH dash. Outside air temperature gauge with Fahrenheit and Celsius display mounted in dash. AM/FM/WB radio with Bluetooth and microphone, front USB port, and front and rear auxiliary inputs. AM/FM antenna mounted on LH front A-pillar. Standard vehicle speed sensor with additional analog speed signal wires in engine compartment terminated with connector and labeled speed signal. Detroit connect virtual technician connectivity package (Detroit engines only). 5 years total virtual technician remote diagnostics service (3 years additional to standard)

Yes_____ No_____ Deviation_____

Warranty

Prices and details of manufacturer’s warranty and/or component warranties (both standard and optional extended warranties) must be stated.

Miscellaneous

Electronic parts and service manuals with electrical schematics shall be included for engine and chassis. All necessary manuals, tools, and training shall also be provided to enable OCRC technicians to troubleshoot and repair all problems, including engine, ABS, and all other problems with the truck.

Yes _____ *No* _____ *Deviation* _____