



MONROE COUNTY
R O A D
COMMISSION

840 S. Telegraph Road • Monroe, Michigan 48161 • Phone: (734) 240-5102 • Fax: (734) 240-5101

PROPOSAL

FOR

THREE (3) 2019 TANDEM AXLE TRUCKS

BID OPENING:

Wednesday, November 14, 2018 at 10:00 a.m.

BOARD OF COUNTY ROAD
COMMISSIONERS OF THE COUNTY OF
MONROE

Paul Iacoangeli, Chairman
Dan Minton, Vice Chairman
Stephen J. Pace., Member
Charles A. Londo, Member
Greg W. Stewart, Member

**MONROE COUNTY ROAD COMMISSION
INVITATION TO BID**

Sealed bids will be received by the Board of County Road Commissioners of the County of Monroe until **10:00 a.m.** local time on **Wednesday, November 14, 2018** at their office located at 840 South Telegraph Road, Monroe, Michigan, 48161 for the following:

- Three (3) 2019 Tandem Axle Trucks

Bids will be publicly opened and read aloud by the Bid Committee at 10:00 a.m. Proposals may be downloaded from the Road Commission's website at www.mcrc-mi.org/bids.html. Proposals will only be accepted on the Road Commission's bid form(s) and must be returned in a sealed envelope with the contents plainly marked on the outside of the envelope.

BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF MONROE, MICHIGAN

**MONROE COUNTY ROAD COMMISSION
PROPOSAL
THREE (3) 2019 TANDEM AXLE TRUCKS**

TO: The Board of County Road Commissioners of the County of Monroe, Michigan

FOR: Three (3) 2019 Tandem Axle Trucks

Ladies and Gentlemen:

The undersigned bidder hereby affirms that:

1. The proposal is in all respects fair and without any collusion or fraud.
2. The undersigned agrees to furnish materials at the unit prices stated on the attached bid forms.

Company: _____

Address: _____

City, State, ZIP: _____

Telephone: _____

By: _____

Title: _____

Date: _____

INSTRUCTIONS TO BIDDERS
and
GENERAL CONDITIONS

It is the intent of the Monroe County Road Commission to acquire three (3) tandem axle trucks model year 2019. By signing each bid, the bidder will deliver all bid equipment to the specified body builder complete and ready to operate.

OWNER

The owner of the project is the Board of County Road Commissioners of the County of Monroe, also referred to as the "Board."

BIDDER

The Bidder is one who submits a signed bid with the required documentation directly to the Board at the time and place specified.

BID FORMS

Sealed proposals must be submitted on the bid forms furnished by the Board. The proposal shall be submitted in its entirety with no modifications or changes except as authorized by an addendum and with no pages removed. All proposals must be filled out in ink or typewritten and shall be legibly signed, giving the complete name and address of the Bidder.

All bids must be in a sealed envelope and clearly marked "**Bid for 2019 Tandem Axle Trucks.**"

OPENING OF BIDS

Bids will be received by the Board at 840 S. Telegraph Road, Monroe, Michigan, 48161 until **10:00 a.m.** local time on **Wednesday, November 14, 2018** at which time they will be publicly opened and read aloud.

ACCEPTANCE AND/OR REJECTION OF BIDS

The Board reserves the right to accept, reject and/or modify any or all bids, to waive irregularities therein, and to make the award in any manner deemed to be in the best interest of the Monroe County Road Commission.

TITLE VI ASSURANCE

The Monroe County Road Commission, in accordance with Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 USC 2000d to 2000d-4) and Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, hereby notifies all bidders that it assures that in any contract entered into pursuant to this advertisement, minority business enterprises 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, national origin, gender, age, or disability in consideration for an award.

PROHIBITION OF DISCRIMINATION

In accordance with Act No. 453, Public Acts of 1976, the Contractor and subcontractors hereby agree not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, or marital status. Further, in accordance with Act No. 220, Public Acts of 1976 as amended by Act No. 478, Public Acts of 1980, the Contractor and subcontractors hereby agree not to discriminate against an employee or applicant for employment tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of a disability that is unrelated to the individual's ability to perform the duties of a particular job or position. A breach of the above covenants shall be regarded as a material breach of this contract.

TAXES

The Monroe County Road Commission is not subject to the Federal Excise Tax or the Michigan State Sales Tax. The Bidder shall not include these taxes in the unit prices quoted.

SPECIFICATIONS

Where specified, the truck, chassis and equipment shall meet the Monroe County Road Commission's Specifications as described in the bid document.

WARRANTIES, GUARANTEES, SERVICE CONTRACT (S)

Please provide full description of manufacturer and/or dealer warranties and guarantees.

SERVICE MANUALS

Upon delivery of bid equipment, all service and parts manuals must be provided. This includes printed manuals and CD ROM manuals.

SPECIAL EQUIPMENT

The bidder will also include, with the total cost of this bid, all diagnostic software that is available.

TIME OF COMPLETION

Truck units must be delivered to the specified body builder within a 180 days or sooner of awarding of bid, for equipment installation as directed by the Monroe County Road Commission. If completion cannot meet the 180 days, please specify optional delivery date _____.

ORIENTATION AND TRAINING

Provide complete description for orientation and training to MCRC employees for the operation of the bid equipment. This orientation and training should be complete enough to enable the purchaser to immediately and productively utilize and care for the equipment. Also, please provide an hourly quote for additional post-sale training.

MEETINGS

The Road Commission reserves the right to include pre-build, mid-build and pre-paint inspection meetings at the installers' location. The Road Commission reserves the right to make minor changes for the build/installation of truck equipment.

REFERENCES

Please attach a separate sheet showing the names of at least three companies and/or agencies, which have purchased the bid/specified equipment from your company, along with the address and phone number, and a contact person who utilizes or is knowledgeable about the equipment.

COMMUNICATIONS

Any questions regarding this bid shall be directed to the Monroe County Road Commission's representative listed below:

Purchasing Agent
Christine M Herron
734-240-5109

Supervisor – Technical Questions
Matt Purcell
734-625-8659

**MONROE COUNTY ROAD COMMISSION
UNIT PRICE CONTRACT
2019 TANDEM AXLE TRUCKS**

TO: Board of County Road Commissioners of Monroe County, Michigan

The undersigned, having full knowledge of the proposal and specifications for up to three (3) **2019 Tandem Axle Trucks** including Bidders' Addenda _____ and the conditions of these Contract Documents, hereby agrees to furnish materials at the unit prices named below:

Company: _____

Address: _____

Phone #: _____

Email: _____

TRUCK SPECIFICATIONS

Item 1.

- Gross vehicle weight rating (GVWR) _____
- Front axle weight rating (FAWR) _____
- Rear axle weight rating (RAWR) _____
- Cab-to-axle distance (CA) _____
- Grill to back of cab (BBC) _____
- Wheel base (WB) _____
- Distance from tandem center to end of frame (AF) _____
- Distance from tandem center to rear of last cross member _____
- Steering axle location from face of grill to center of axle (SA) _____
- 24" minimum ground clearance under frame between steering axle and front drive. If different, specify clearance _____.

Complies: _____ yes _____ no, please describe: _____

Front Axle

- Front axle shall be factory lined with set forward steering.
- 20,000 lb. front axle with vented oil bath hubs.
- Non-asbestos double anchor fabricated brake shoes.
- Vented oil bath hubs.

Complies: _____ yes _____ no, please describe: _____

Rear Axle

- 46,000 lbs. tandem rear axle.
- Inter-axle lock switch and light shall be inside cab.
- Tandems shall be factory-aligned axles.
- Specify axle ratio (5.63 Ratio Minimum) _____.
- Both rear axles shall be traction controlled by driver.
- Must have a 3-year warranty on the driveline, minimum.
- Non-asbestos double anchor fabricated brake shoes.
- Specify if front drive has oil pump _____ yes _____ no.

Complies: _____ yes _____ no, please describe: _____

Suspension

Front

- Must have 23,000 lb. springs with heavy-duty gas charged shocks.

Rear

- 46,000 lbs, heavy-duty air ride Hendrickson rear suspension, and certified for off road use. If not, specify _____ lbs.
- Must have leveling valve with a manual dump system from inside the cab with an indicator light.
- Shocks shall be four (4) heavy-duty, gas-mounted; specify locations _____.
- Air bag pedestal (bottom) shall be at least 12" from the ground to allow for pushing of the paver against the tires.
- Dual-leveling valve for suspension

Complies: _____ yes _____ no, please describe: _____

Engine

- Cummins L9 370 HP 1250 TQ Engine.
- Must have engine brake.
- Warranty shall be 3 yrs/150,000, minimum.
- Electronic controlled hand throttle.
- Must meet current production year emissions.
- Must be able to check oil at ground level
- No filters shall be located between the bumper and front axle.
- Must have a Delco MT starter.
- All radiator hoses will be silicone with heater hose shut-offs.
- Fan shall be operated with an override switch from inside the cab.
- Delco alternator must be 160 amps, minimum.
- Crankshaft pulley must be adaptable for 1310 series flange yoke.
- Front of engine PTO with adapter.
- Indicate engine make _____.

- Specify engine horsepower _____ at _____ rpm.

- Specify engine torque _____ ft/lbs. at _____ rpm.

Complies: _____ yes _____ no, please describe: _____

Transmission:

- Allison automatic 3000 RDS six speed transmission; indicate price _____.
- Push button electronic shift control
- All transmission modules will be inside the cab with only a harness going to the transmission
- All transmission connections will be sealed in silicone or o-ring: specify _____.
- Shall have water to oil cooler for transmission.
- Speed sensors shall be protected from the elements by a seal or equivalent.
- Both drivelines shall be rated for GVW with half-round, quick disconnect u-joints.

Complies: _____ yes _____ no, please describe: _____

Frame

- CT = 138"
- Front frame extension.
- Shall be full-framed with cross members and gussets.
- Must have 3/8" minimum thickness frame rails with a 1/4" steel liner.
- Frame shall meet requirements of 110,000 PSI and a 2,900,000 RBM bending resistance; movement with internal frame rail extensions continuing 20" in front of the grill; 60" rear overhang.
- If different, specify _____ PSI and _____ RBM
- Shall be painted black.

Complies: _____ yes _____ no, please describe: _____

Steering

- Must have dual-power steering gears (no slave cylinders).
- Specify make of gearboxes _____.
- Shall have oil/air power steering cooler
- Shall have a minimum 4 quart power steering reservoir.

Complies: _____ yes _____ no, please describe: _____

Air System

- Air Compressor, Bendix or equivalent; water-cooled with 19.0 CFM minimum.
- Air tanks shall **not** be mounted below frame rails; specify location _____.
- All air tanks shall have manual pull cords.
- Air dryer AD-9 or equivalent with heater that shall be mounted in a protective place (not ahead of the steering axle) with easy access and not to interfere with underbody.
Specify make: _____.

Complies: _____ yes _____ no, please describe: _____

Radiator

- Shall meet engine manufacture's requirements and have adequate clearance under the radiator for the PTO shaft.
- Radiator shall be copper/brass: if not specify _____.
- All hoses shall be gates blue stripe or equivalent.
- Engine mounted DDC coolant filter.
- Antifreeze shall be a global with at least a -34F.
- Surge tank shall be mounted on the firewall if not specify _____.

Complies: _____ yes _____ no, please describe: _____

Air Cleaner

- Shall be a dual-stage dry cartridge, mounted under the hood.
- Snow Door shall be provided.

Complies: _____ yes _____ no, please describe: _____

Electrical System

- Must be a 12-volt system with a master disconnect switch (Flaming River part #FR1005 or equivalent)
- All connections shall be weather packed.
- All wiring shall be either numbered every 6 inches or color-coded.
- The fuse panel shall have plug in auto-reset breakers (no fuses).
- Plow light/headlight auxiliary wiring harness and switch in cab.

Complies: _____ yes _____ no, please describe: _____

Exhaust System

- Vertical with stainless steel safety shields over piping with cab-entry handles.
- There shall be a minimum of 24" ground clearance maintained (not to interfere with the underbody).
- A 90-degree turnout at the top of the exhaust stack is required to deflect the exhaust away from the cab.
- Exhaust shall be plumbed between cab and transmission. If cannot meet specification, indicate location _____.
- Exhaust stacks(s) shall be curved 18" chrome coming out of muffler.
- Muffler(s) must be vertical either up the back of the cab or on the side of the cab.
- Diesel exhaust fluid tank: specify location _____ and size in Gallons _____.

Complies: _____ yes _____ no, please describe: _____

Fuel Tank

- Fuel tank is used for delivery only.
- There shall be 24" ground clearance from the lowest point when fully loaded.
- For cab entry a grating step system shall be used or a non-slip style that meets all federal safety requirements.

Complies: _____ yes _____ no, please describe: _____

Battery

- Four (4) 1000 CCA (4000) threaded stud type batteries shall be contained in an approved adequate box.
- Location of battery box must meet approval if located other than on the side of frame.
- The battery box shall be mounted at least 24" from the ground at the lowest point at the GVW.
- For cab entry a grating step system shall be used or a non-slip style that meets all federal safety requirements.

Complies: _____ yes _____ no, please describe: _____

Tires & Wheels

- Ten (10) tires on white uni-mount rims.
- Steering tires 315/80R22.5 (XZY-2) on white 22.5 x 8.25 wheels.
- Drive tires 11R22.5 (XDY-2) on white 22.5 x 8.25 wheels.
- Must come with one (1) spare 11R22.5 tires mounted on white 22.5 x 8.25 uni-mount wheels

Complies: _____ yes _____ no, please describe: _____

Cab

- Must be aluminum or steel air ride cab with air bag(s) shocks, leveling valve and tracking rod.

Complies: _____ yes _____ no, please describe: _____

Cab Dimensions

- The drivers' seat in the furthest rear position shall not contact the back of the cab (seat back cannot be straight up to obtain this requirement).
- A cab that limits leg or headroom will not be considered.
- Specify straight across dash or winged dash _____.

Complies: _____ yes _____ no, please describe: _____

Cab Features

- Standard hood with no butterfly openings.
- Hood must be able to fully tilt with the snowplow hitch attached (34 inch opening).
- A tilt/telescopic steering wheel column with a steering wheel no less than 18" diameter.
- Ignition and doors shall be keyed alike.
- Driver's seat shall be a fabric high-back air ride with lumbar support.
- Passenger seat shall be fabric low back or bench type non-air; specify seat type _____.
- Seat belts shall meet all safety requirements.
- No carpeting
- Must come with Weather Tech floor mats.
- Windows shall be tinted glass.
- Must have air conditioning and heater.
- Must have inside sun visors; right and left sides.
- Must come with an interior noise-reduction package.
- Must have thermal insulation package.
- West coast lighted heated stainless steel mirrors with 102" brackets.
- Passenger side mirror shall be remote controlled.
- Must come with dual 8" stainless steel spot mirrors.
- Gray interior.
- Electric intermittent windshield wipers.
- Dual (non-painted) air horns with protectors.
- Electric city horn.
- Factory installed C.B. radio with wiring and antennas.
- Factory installed AM/FM radio with at least two speakers.

- Cruise control.
- Interior light package must be door and switch activated.
- A Sun visor shall be mounted over outside windshield.
- Right window shall be air or electric.
- Bumper can be omitted
- Cab shall have all entry handles and slip-guarded steps for safety.
- Six (6) extra electric dash mounted switches.
- Front wind shield shall be electric
- 12 volt power supply / USB port

Complies: _____ yes _____ no, please describe: _____

Instruments & Gauges

- Must have: electric tachometer, speedometer, oil pressure gauge, oil temperature gauge, coolant temperature gauge, voltmeter, fuel gauge, air pressure gauge, hour meter, and transmission heat gauge
- Must come with all standard warning lights, including but not limited to: low-oil, low air, high water temp.

Complies: _____ yes _____ no, please describe: _____

Exterior Truck Paint

- Must be Pepsi Blue (HSB907167).
- Imron paint.

Complies: _____ yes _____ no, please describe: _____

Brakes

- Full air brake system front and rear.
- S cam type with drums.
- S cams and air chambers shall be in front of rear-end housings.
- If different, specify location _____.
- Slacks and shoes shall meet all federal requirements for weight of vehicle.
- Parking breaks (30/30 chambers) shall be on at least, but not limited to, 1 axle housing.

Complies: _____ yes _____ no, please describe: _____

Scraper Mounting Clearance

- Between the rear edge of the front fender and the first drive axle, there shall be 120" with a 24" minimum ground clearance with the vehicle at maximum GVW, **no exceptions**.

Complies: _____ yes _____ no, please describe: _____

Miscellaneous

Delivery FOB: Monroe County Road Commission, 840 S. Telegraph Road, Monroe, MI 48161

Price for the above listed Truck Chassis. Please provide all specifications and literature regarding the bid equipment.

Truck Chassis Tandem Axle		Unit Price	Total Price
Outright Purchase Price with automatic	Manufacturer Model No.	\$	
Delivery in calendar days from date of purchase order:			
Total all 3 trucks			\$

After the bids have been awarded and prior to order, the successful bidder shall meet with Monroe County Road Commission officials for a pre-build specifications review in order to verify the compatibility of the truck chassis and the equipment to be installed. This meeting shall take place within a week after bidder is awarded.

The successful bidder will be required to perform training at the Monroe County Road Commission on both maintenance and operation of the truck.

The Board of Monroe County Road Commissioners reserves the right to accept, reject and/or modify any or all bids received, to waive irregularities therein, and to make the award in any manner deemed to be in the best interest of the Monroe County Road Commission.

By signing the bid below the bidder agrees to the above conditions.

Communications concerning this Bid shall be addressed to the Bidder's representative.

Name of Representative: _____

Address: _____

City, State, ZIP: _____

Telephone Number: _____

Fax Number: _____

E-Mail Address: _____

Title: _____

Signature: _____