

PROPOSAL

**TO THE BOARD OF COUNTY ROAD COMMISSIONERS
COUNTY OF BERRIEN, STATE OF MICHIGAN**

Gentlemen:

1. This is the proposal of _____

To furnish **Five (5)** tandem axle chassis with cab, with a minimum gross vehicle rating of 66,000 lbs.

2. This proposal consists of this printed form, plus such pertinent attached data, which is supplemental hereto, but not in conflict herewith. It is understood and agreed that this proposal will not be accepted unless it is signed in ink, sealed in an envelope conspicuously marked "SEALED BID, TANDEM TRUCKS", and in the possession of the Board of County Road Commissioners by 11:00 a.m. E.D.T. November 10th 2016.

It is the intent of these specifications to describe truck cab and chassis units in sufficient detail to secure bids on comparable equipment. All parts not specifically mentioned, which are necessary to provide a complete cab and chassis unit, shall be included in the bid and shall conform in strength, workmanship, and quality of material to what is usually provided to the trade in general. The trucks shall be a current model (2016 or newer) under standard production by the manufacturer. All specific parts and equipment mentioned in this bid are intended to be compatible in engineering and rating. If there is a problem, the dealer shall bid only those components that are compatible and point this out on the bid sheet.

Any units not conforming to these specifications may be rejected, and it will be the responsibility of the manufacturer to conform to the requirements unless deviations have been specifically cited by the bidder and acceptance made on the basis of the exception.

3. It is understood and agreed that the trucks offered by the undersigned are identical production line models of the manufacturer indicated and meet or exceed the following specifications.
4. It is further understood and agreed that the Board of County Road Commissioners reserves the right to reject any or all proposals, to waive informalities, and to award the purchase in any manner deemed to be in the best interest of the Berrien County Road Commission.
5. In accordance with Title VI of the Civil Rights Act of 1964, no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity.
6. In submitting this proposal, the undersigned declares that the only person or parties interested in the proposal as principals are those named herein, and that the proposal is made without collusion with any other person or firm.
7. It is recommended that prior to bidding any questions arising from these specifications be thoroughly researched with the BCRC Superintendent, Don Geisler (269) 925-1196 ext. 4405 or Shop Foreman, Scott Evans (269) 925-1196 ext. 4409.

Schedule of Prices

The above trucks offered shall be:

Manufactured by: _____

Year: _____

Make: _____

Model: _____

Unit delivered price \$ _____ per truck

Total price \$ _____

Please attach all warranty information.

Deliver _____ days from bid acceptance.

Please answer yes or no in right hand column. Include price or dimensions when possible/applicable. Price should include 1 service manual and 1 parts manual in both hard copy and CD format.

Class 8 truck platform preferred.

ENGINE:

- Minimum Electronically controlled-12 liter diesel _____
- 6 cylinder in line _____
- 4 cycle, high torque _____
- Minimum 425 horsepower _____
- Minimum torque 1650 ft. lbs. _____
- List factory warranty _____
- List optional extended engine warranty coverage & cost _____
- (example 5 yr. 150,000 mile) _____
- List engine brake cost as option _____

EQUIPPED WITH: COOLANT SYSTEM

- Shall incorporate a heavy duty, petcock drain radiator having a minimum 1300 sq. in. frontal area. (Capacity) _____
The system shall have a large capacity and be capable of withstanding excessive work loads in adverse temperatures, adequate for engines up to 425 H.P. ratings. _____
- Extended life anti-freeze winterized to -20 F. _____
- Stainless steel constant torque clamps. _____
- Radiator bug screen. _____
- Shall be provided with crankshaft flange and clearance for under the radiator, front mounted Spicer 1310 Series PTO. _____
- Fan Drive Clutch-electric modulating 2 speed with dash-mounted manual override switch. _____
- Minimum 18.7 CFM air compressor _____
- Electric Block Pre-heater _____
- Manual fuel primer pump _____
- Dry element type air cleaner, with outside air intake system for summer, inside hood intake for winter. _____
- Magnetic drain plug _____
- Coolant water filter _____
- Exhaust to be mounted behind cab, all components above frame _____

TRANSMISSION & DRIVELINE: CONSTRUCTION GRADE

Allison Automatic, model 4500 RDS

- Recommended rear axle ratio 5.29 _____
- Transmission cooler _____
- Touch pad shifter or equivalent and location _____
- List factory warranty _____
- List additional warranty options and cost (ex. 5 year 150,000 mile) _____
- Trans ECM to be located in the cab and programmed for snow plowing _____

CHASSIS

- 217" wheel base or appropriate _____
- Set back front axle _____
- Back-up alarm _____
- Approximately 72" from center of the steer axle to the back of cab _____
- Approximately 132" from back of cab to center of the rear axles _____
- Extend rearward 70" from center of tandem overhang _____
- Extend 20" in front of radiator _____
- Air tanks with pull cord drains _____

The road commission desires to work with the successful bidder to reduce these lengths as much as possible to increase our front axle loading, while accommodating the 24" under clearance needed for the underbody scraper. Truck MUST have a minimum of 75" in width of clear space directly behind the cab to facilitate fuel and hydraulic tank mounting of body builder, or manufacturer must make other accommodations for OEM fuel and hydraulic tanks while accommodating 24" required clearance of the underbody scraper.

FRAME

- 1/2" single full length Hi tensile steel frame adequate for the GVW and type work this unit will be exposed to. Section Modulus _____
 RBM _____
 Strength (PSI) _____
- List additional cost and ratings for double frame option Cost _____
 Section Modulus _____
 RBM _____
 Strength (PSI) _____

AXLES

Front:

- Heavy duty set back Make: _____
- Rated capacity of front axle, minimum 20,000 lbs., Model: _____
 including 20,000 lb. springs with heavy duty shocks Capacity: _____
- Factory front axle alignment _____

Rear:

- Rated capacity of rear axle, minimum 46,000 lbs. Make: _____
- Single reduction, with lube oil pump. Model: _____
- Driver controlled differential lock forward drive axle & rear Capacity: _____
 drive axle. _____
- Driver warning light when Diff. lock is engaged _____
- Diff. Lock auto disengage option _____
- 54" axle spacing _____
- Main and Inter-axle driveline 1810 HD Series _____
 or equivalent with center bearing _____
- Magnetic oil drain plugs _____
- Factory rear axle alignment _____

*Include literature describing specification of axles, diff. Lock options & warranty

REAR SUPENSION

- 46,000 lbs. heavy duty Air Ride (air trac or Neway ADZ 246 preferred) Make: _____
- 4 heavy duty shocks Model: _____
- Dash mounted load gage Capacity: _____
- Dash mounted dump valve and indicator light
- Transverse control rods

