

To: Menard County Highway Department:

I, \_\_\_\_\_, representing the firm of  
\_\_\_\_\_, wish to submit the following bid:

Manufacturer: \_\_\_\_\_

Model: \_\_\_\_\_

Base Bid Price (Truck -Cab & Chassis only):       \$ \_\_\_\_\_

1. Alternate Bid Price -  
Furnish Truck - Cab & Chassis complete with the  
furnishing and installation of the Dump Body,  
snow plow, under tail gate spreader and other  
related equipment as specified herein:       \$ \_\_\_\_\_

2. Alternate Bid Price – Furnish and install the  
Dump Body, snow plow, under tail gate spreader  
and other related equipment on the Truck - Cab &  
Chassis as specified herein       \$ \_\_\_\_\_

\_\_\_\_\_  
Name of Dealer submitting bid

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City - State - Zip

\_\_\_\_\_  
(Area Code) Telephone Number

\_\_\_\_\_  
Signature of Bidder's Representative

The bid price of \$ \_\_\_\_\_ was accepted and approved by the  
Menard County Highway Department through it's County Board of Commissioners on \_\_\_\_\_

By: \_\_\_\_\_, Chairman

## Proposal for New Single Axle Truck (Cab & Chassis)

This proposal and specifications cover the purchase of:

A single axle truck (cab & chassis only) suitable for use with a 12 foot dump bed, snow plow and related equipment;

And alternate bids:

1. A single axle truck (cab & chassis) complete with a 12 foot dump bed, snow plow, tailgate spreader and related equipment furnished and installed as specified herein.
2. Furnish and install a 12 foot dump bed, snow plow, tailgate spreader and other related equipment on the Single axle truck (cab & chassis) as specified herein.

The Menard County Highway Department is specifying for acceptable units as outlined below.

Bidders quoting must submit with their bid written proof of the following:

1. The model or items proposed equal or exceed that specified in all respects including capacity, operating features, and accessory items.
2. Parts and service for the truck model proposed or other items and equipment are readily available to the Menard County Highway Department.

The Menard County Highway Department in accepting proposals reserves the right to reject any or all bids, and waive all technicalities deemed in the best interests of the County. The County is not necessarily bound to accept the lowest bid submitted. If the lowest bid is not the best bid of value received for money expended, in the County's opinion, the right is reserved to make awards in the best interest of the County, as determined solely by the judgment of the County. In making awards, intangible factors such as bidders' reputation, past performance and references, access of service, and parts availability, will be weighed.

The intent of these specifications is to provide the County with the truck cab and chassis, mountings, equipment and attachments called out in bid specifications. All additions, deletions, or modification of items as called out in bid specifications from the manufacturers regular published specifications must be outlined and attached in the space provided. Failure to provide all necessary documentation of modifications to manufacturers published specifications at bid opening shall be construed as an unresponsive bid and such bid shall be rejected.

The truck cab and chassis, mountings, equipment and attachments bid must be considered "new" and of the current production model year. Dealer conversions or low mileage "used" vehicles and refurbished or reconstructed mountings, equipment and attachments will not be considered.

Bidder shall complete every space in the Bidders Proposal by placing either an "X" in the box to indicate that the item will be furnished exactly as specified, or give a description to indicate any deviations of item being bid from specifications. Any items appearing in the manufacturers regular published specifications are assumed to be included in the Bidder's Proposal. Any additions, deletions, or variations from these published specifications must be outlined in the space provided.

The County reserves the right to make any desired change to the specifications after same has been put under contract, with the change and price of said change to be added or deducted from the bid contract price. All changes are to be agreed upon in writing between the County and the successful bidder before such changes become effective.

Sealed proposals will be received at the office of the Menard County Highway Department, 15620 Chautauqua Road, Petersburg, IL 62675 or P.O. Box 497, Petersburg, IL 62675 until **11:00 A.M.** prevailing time, on **June 30, 2016**.

Proposals will be opened and read publicly at **11:00 A.M.** prevailing time, on **June 30, 2016** at the office of the Menard County Highway Department, 15620 Chautauqua Road, Petersburg, IL.

Bids received after the closing time will be rejected and returned unopened.

The proposal envelope shall be clearly marked "**MENARD COUNTY SINGLE AXLE DUMP TRUCK PROPOSAL**".

No bid shall be withdrawn after the bid opening without the consent of the Menard County Engineer for a period of thirty (30) days.

The proposal must be accompanied by a certified check, cashier's check or bank draft for 5% of the amount of the bid. All checks or drafts are to be made payable to the Menard County Highway Department.

Delivery must be made within 180 days after the awarding of the proposal or bidder's check or draft will be considered forfeited to the County of Menard because of undue delay.

**General (Truck -Cab & Chassis)**

- Single Axle Truck (Cab & Chassis) With A 37,600 Pound GVW For Use With A 12 Foot Dump Bed, Snow Plow And Related Equipment. **Kenworth T470 Or Approved Equal.**

**Wheelbase:**

- Cab To Center Of Rear Axle: Min. 102 Inches To Max. 108 Inches. Delivered: \_\_\_\_\_
- Front Axle To Center Of Rear Axle: 175 Inches Min. Delivered: \_\_\_\_\_

**Cab:**

- Short, Conventional Cab Mounted On Air Ride Suspension.
- Tilt Hood And Fixed Grille To Accommodate Snow Plow Hitch.
- High Output 45,000 BTU Heater, Air Conditioner, Defroster
- Multi-Speed Intermittent Wipers
- Left And Right Power Windows And Door Locks
- Electronic Cruise Control
- Full Air Suspension Level Air Ride (Hi-Back) Driver's Seat  
Standard High Back Passenger Seat
- AM/FM/WB/USB And Bluetooth Radio With Left Hand Cowl Mounted Antenna
- Dual 7" X 16" Heated West Coast Electric Mirrors With One Bottom 7" Spot Mirror On Each Side  
Mirrors
- Right And Left Grab Chrome Handles.
- Dual Sun Visors, Tinted Windshield, Heated Windshield.
- Direct Reading Gauges Including But Not Limited To Speedometer, Tachometer, Engine Oil  
Pressure, Water Temperature, Volt Meter, Air Pressure, Fuel Level, Air Restriction Monitor, Fuel  
Filter Restriction, Engine Exhaust Temperature, Manifold Pressure, Engine Hour Meter,  
Transmission Oil Temperature And Axle Oil Temperature.
- Head Lamps: Halogen Projector Low Beams And Halogen Complex Reflector High Beams
- Dome Light, Cab Marker Lights And Directional Signals With Traffic Hazard Switch Meeting State  
And Federal Regulations
- Factory Plow Light Switch In Dash With A Wiring Harness To Front Of Hood And Be Able To Be  
Used With Factory Dimmer Switch For High/Low Plow Lights
- Six (6) Spare Dash Mounted O.E.M. Switches Wired To Power
- Armrest Doors
- Dual Rectangular Air Horn 23 In. LH & RH Top Of Roof With Air Horn Covers
- Adjustable Tilt And Telescoping Steering Wheel, 18 Inch
- Roof Shall Have O.E.M. 304 Stainless Steel Beacon/Light Bar Brackets On Each Side Of Roof For  
After-Market Light Bar / Plow Light Installation
- Electric Backup Alarm That Meets SAE J994 & OSHA Requirements
- Look-Down Passenger Door With Fresnel Lens For Peeper Window (10 1/8" X 11 1/8")
- 2" Rubber Wheelwell Fender Extension
- Dash Wiring For Trailer Brake Control Addition Or Cab Brake Control Unit

**Color:**

- Cab - Red
- Frame / Chassis - Black

**Engine:**

- Minimum 345 HP, 1,150 Lb.-Ft. Torque @ 1,400 RPM. **Cummins ISL9** Or Approved Equal
- 18.7 CFM Air Compressor
- Large Capacity Radiator And Viscous Fan, Antifreeze To -40 Degree F
- Magnetic Drain Plugs
- Single Dry Element Air Filter With Inside/Outside Cowl Mounted Air Intake With In Cab Control
- Fuel/Water Separator System
- Water Filter Cooling System
- Fuel Cooler
- Cab Mounted Engine Hour Meter
- Block Heater, 1,750 Watt, 120 Volt
- Heavy Duty, 160 Amp Alternator, 12V
- Starter, 12 Volt Electric System
- Multi-Function Engine Connector For Body Builder Interface
- Body Builder Control Harness Coiled EOF For Remote Throttle And Remote PTO Controls
- Engine Must Meet Current EPA Emissions Regulations By Incorporating A Selective Catalytic Reduction System
- Vertical Stack Chrome Exhaust On Right Side With Muffler Heat Shield And Turn Out

**Transmission:**

- Allison 3000-RDS-6 6 Speed Automatic Transmission Rugged Heavy Duty Series Gen 5
- Push Button Control Center Console Mounted
- Transmission Mounted PTO Provisions (LH Or RH As Required For Body)
- Transmission Cooler, External Oil Cooler, Oil Level Sensor And Internal Filter
- Driveline, 2 Medium-Duty 1 Center Bearing

**Batteries:**

- Three (3), 12 Volt, Threaded Post Min. 700 CCA Each, 2100 CCA Dual Purpose
- Jump Start Terminals Under Hood

**Front Axle & Equipment:**

- Minimum 16,000 Lb. Capacity With Comparable Capacity Springs
- Heavy Duty Front Shocks
- Power Steering With Slider Type Steering Column
- Power Steering Cooler – Radiator Mounted Air To Oil
- Air Cam Type Brakes With Automatic Slack Adjusters
- Dust Shields On All Brakes
- Soft Oilers For Wheel Bearings

**Front Tires & Wheels:**

- 315/80 R22.5 (20 PR) Steer Tire Tread Pattern
- Heavy Duty Wheel 22.5 X 8.25 Powder Coated Steel
- Front Tires To Be Tubeless Radials

**Rear Single Axle:**

- 23,000 Lb. Rear Axle
- Heavy Duty Shock Absorbers
- Driver Controlled Interwheel Differential Lock Rear Axle , Manual Air Valve With Warning Light
- Air Cam Type Brakes With Automatic Slack Adjusters
- Dust Shields On All Brakes
- Gear Ratio To Be 6.14 Or 67 Mph

**Rear Tires & Wheels:**

- 11R X 22.5 G (14 Ply) All-Terrain Tread Pattern Or Comparable
- Steel Disc, 10 Hole Hub Piloted, 22.5 X 8.25 Hubs
- Rear Tires To Be Tubeless Radials

**Brakes:**

- Full Air Cam Type With Minimum 18.7 CFM Air Compressor
- Heated Air Dryer (Bendix)
- Air Operated Parking Brake
- Dual Brake System – Trailer Supply And Tractor-Trailer Park
- Full Trailer Connection Package With ABS Trailer Plug To End Of Frame

**Frame:**

- Minimum RBM – 2,132,000 In-Lbs Per Rail Plus Full Steel Insert That Adds 1.149,000 In-Lbs To Main Rail RBM.
- Front Mounted Tow Hooks
- Single Minimum 100 Gallon Aluminum Fuel Tank Or Comparable, Left Side Mounted With 304 Stainless Steel Straps
- Min. 20" Frame Extension For Snow Plow Mount Continuous With Parent Rail (No Welded Extensions)
- Full Width Tapered Steel Channel Bumper
- Heavy Duty Rear Cross Member With Provisions For 50 Ton Pintle Hook Installation
- O.E.M. Tail Lights
- Clean Frame From Back Of Cab To End Of Frame
- Front Mud Flaps

**Warranty:**

- Engine: 24 Months / 250,000 Miles
- Transmission: 36 Months / Unlimited Miles
- Chassis: 12 Months / 100,000 Miles
- Front / Rear Axles: 36 Months / Unlimited Miles



**Specifications for alternate bid to furnish and install 12' dump bed, snow plow and hitch, under tailgate spreader and other related equipment on the Single axle truck cab & chassis as specified herein.**

**Dump Body – Henderson 12' Mark “E” Or Approved Equal**

- 12' X 7' 8/10 Cubic Yard Capacity
- Flat Bottom Design, Continuous Welded Seams And Reinforcements
- 60" Head, 30" Sides, 38" Gate
- ¼" AR 400 Or 450 Hardox Steel Floor With 2" To 5" Floor To Side Radius
- Structural 8" Longitudinal I-Beams, Carbon Steel
- 7-Gauge 304 Stainless Steel Tailgate And 10 Gauge 304 Stainless Steel Sides/Head
- 3- Panel Gate And 304 Stainless Steel Double-Acting Gate Chains And 6" Deep Side Top Rail, Horizontal Braced, 7 Gauge 304 Stainless Steel 12" Corner Post
- Standard Bulkhead And Reinforcement
- 8" 304 Stainless Steel Rear Body Apron
- Air Tailgate Lock/Release
- Side Board Pockets – Front And Rear
- Boxed Lower Side Rails
- 12" Deep Doghouse, Front TP Rear, 10 Gauge 304 Stainless Steel
- 22" 10 Gauge 304 Stainless Steel Cab Shield And 7 Gauge 304 Stainless Steel Side Gussets With Boxed Top Rail For Four Lights
- Tailgate Hinges and Tailgate Latches Shall Be Constructed of 304 Stainless Steel

**Dump Body Hoist – Henderson Hoist CS Series “Double Acting” [CS#100-4.5-3 DA] Or Approved Equal**

- Double-Acting Trunnion Hoist Or Approved Equal
- Low Profile Cradle With Body Guides
- Greaseable Steel Hinge Pins, 2" Diameter C.R.R.
- Extra Heavy-Duty Hinge Angle, 6" X 8" X ½", Rail Recessed And Approximately 9" O.H.
- Hoist To Have Nitride Stages And Bearing Pivots
- Greaseless Composite Cylinder Bearings
- Oscillating Trunnion Collar
- Low Profile Body Mounting, 8" Top Of Chassis To Body Floor
- Body Props, One Each Side Of Cradle
- 17.5 Ton Minimum Capacity
- Two-Year Warranty

**Load Sense PTO Drive Hydraulic System**

- Left Hand Mount Hot Shift PTO, 276 Series With Rotatable Flange
- Eaton 420 Direct Mount Piston Pump, 3.8CI
- Left Hand Frame Mounting Control Valve “Locker/Oil Tank Combo”
- Morse Hoist And Plow Cab Controls (Joy Stick Plow) With Vibrator Button In Hoist Control
- A7-B16 Dual Flow Spreader Valve
- 35 Gallon Oil Tank
- 4-Port Aft Manifold, ½" Spinner And ¾" Auger With 1" Aft Return To Filter (Cincinnati Design)



- Top Tank Mount Oil Filter With Condition Gauge, 10 Micron Element And Low Oil Warning
- Quarter Turn 2" Ball Valve On Tank Suction Port With 2" Suction Strainer And 2" Suction Hose
- Plow Ports Plugged At Valve For Future Install
- Two Cab Consoles, One For Morse Controls And One For Spreader Valve
- 1" Hoist Line Up And ½" Hoist Line Down
- 1" Pump Pressure Hose And 1 ¼" Control Valve Return Hose
- Add-A-Stack Control Valve With Max. Main 2200
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**Safety And Accessory Equipment**

- 304 Stainless Steel Flat Bar Tarp Rail Each Body Side
- Red/Silver HIP Reflective Tape On Body Sides, Tailgate And Spreader
- FMVSS 108 Reflectors And/Or LEDs
- Backup Alarm (See Cab Specifications And Coordinate With Cab Manufacturer)
- Front/Aft Rear Mud Flaps (Aft Flaps Chassis Mounted)
- Corner Post Stop-Tail-Turn Lamps And Cab Shield Rearward
- Corner Post LED 3965A Strobes And Cab Shield Rearward
- Chassis I.D. (3-Light) Light Bracket Below Hinge Angle
- All Body Lights Rubber Grommet Mounts And Plug Connected
- All Exterior Connections Soldered And Shrink Wrapped
- Left Hand Front Fold Down Ladder, 304 Stainless Steel
- #95116 Hella Hi/Low Plow Lights On Aluminum Tilt Hood Brackets
- Aluminum And 304 Stainless Steel Cab Bar Mounted To Cab Mounting Light Brackets
- Wiring Routed Through Galvanized Conduit And Rubber Grommets In 304 Stainless Steel Angles
- Packard Plug Connections With Dielectric Grease
- O.E.M. Dash Switches With Circuit Breakers And Low Oil Warning
  - 1) PTO
  - 2) Plow Lights On/Off (Truck Dimmer Switch)
  - 3) All Strobes
  - 4) Spreader Lights
  - 5) Driving Lights
  - 6) Auxiliary
- Adjustable Hella 55 Watt Spreader Work Light Each Side, High Mounted
- Mount O.E.M. Tail Lights On Side Of Truck Frame
- Hella Euro Beam Driving Lights On Cab Bar
- Shovel Brackets Each Side Front. 304 Stainless Steel Spring Brackets, Round Blasé Holders, Rubber Wear Pads, Mount To Body With 304 Stainless Steel Fasteners.
- ECCO 6670A Strobe At Each End Of Cab Bar, Quad Flash

**Frame Mounted Tool Box – 24" Wide X 24" High X 18" Deep**

- Passenger Side Frame Mounted
- Aluminum Construction
- 304 Stainless Steel Paddle Latch
- Structural Steel Mounting Brackets Painted Black

**Cougar #DC3200 Body Vibrator Or Approved Equal**

- Structural Mount Between Longitudinal Beams Toward Front Passenger Corner Of Bed
- Push Button (Momentary) Control In Hoist Control
- Wiring Routed In Galvanized Steel Conduit

**Removable Aft Tow Kit And Chipper Bar**

- 10" Deep Frame Assemble, Recessed
- 7-Way Receptacle And Cab Brake Controller
- Two 1" D-Rings
- BP760 Swivel Pintle Hook, De-Mount Design For Chipper Application
- Side Gussets & Reinforcement Bars
- 1 3/4" Diameter C.R.R Chipper Bar With Structural Steel Tube Verticals
- Bottom Of Body, Hoist, Plow Hitch, Aft Tow Kit And Chassis Components Painted Black (6 Mils Primer & 6 Mils Paint) And Body Shell In Neutral Finish

**Under Tailgate 304 Stainless Steel Salt Spreader – Henderson 9" TGS Or Approved Equal**

- 9" Auger With Direct Drive Hydraulic Motor
- 304 Stainless Steel Quick Mount Hardware With Vertical Lift Pins Each Side And Tension Straps
- 7-Gauge Body With 1/4" End Plates
- 5 Point Hinged Bottom Panel
- Dual Discharge Openings
- 12" Minimum Inside Trough Width
- 18" Polyurethane Spinner Assembly With 6 Formed Radial Thrust Vanes Molded Into A Single Unit
- Adjustable Spinner Assembly For Variable Spread Patterns
- Independent Hydraulic Systems For Both The Auger And Spinner
- Short Hose Kit With Quick Couplers And Dust Caps
- 10 Gauge 304 Stainless Steel Discharge Chute For Both Left And Right Hand Discharge
- Gate Closure Panels Each Side, Minnesota DOT Design, 304 Stainless Steel

**Quick Detach Asphalt Lip – 304 Stainless Steel**

- 8" X 1/4" Plate With Sides.
- Fabricate And Attach Utilizing Quick Disconnect Brackets Of Under Tailgate Spreader

**Snowplow - Henderson 11' RSP Snowplow Or Approved Equal**

- 40" High With 60" Mouse Ears
- 10 Gauge Moldboard, Integral Shield
- Painted Orange
- Standard Drive Frame With Hydraulic Power Reverse (Two Way)
- 30 1/2" Center Swivel Bar
- 6509 Snow Wheels
- Rubber Deflector

- Carbide Cutting Edge With Cover Blade
- Moldboard Trip, Two External Compression Springs

**Snowplow Hitch – Henderson 30 ½” Pin Hitch Or Approved Equal**

- 4” Double Acting Lift Cylinder
- 6” X-Height On Lift Arm
- Push Arms & Push Gussets
- Cushion Valve & Quick Coupler With Dust Caps
- Extra Heavy Duty Mount Kit
- Painted Black (6 Mils Primer & 6 Mils Paint)



**Delivery**

The truck shall be dealer serviced and State inspected with the exception of those components to be installed by others prior to delivery.

The truck cab and chassis complete or truck cab and chassis shall be delivered to the:

Menard County Highway Department  
15620 Chautauqua Road  
Petersburg, IL 62675

The dealer shall notify the County 48 hours prior to delivery for delivery between the hours of 7:30 a.m. and 3:30 p.m., Monday through Friday.

**Estimated Date or Days for Delivery**

Truck cab & chassis after receipt of order:

\_\_\_\_\_

Truck cab & chassis complete with Dump Body, snow plow, under tail gate spreader and other related equipment as specified herein after receipt of order:

\_\_\_\_\_

Furnish and install the Dump Body, snow plow, under tail gate spreader and other related equipment on the Truck - Cab & Chassis as specified herein after delivery of truck cab & chassis

\_\_\_\_\_

**Inspection:**

A. The County reserves the right to inspect the truck after delivery to determine whether the truck cab and chassis and/or installed mountings, equipment and attachments meet the contract specifications. If, within thirty (30) days of delivery, the County determines that the truck cab and chassis and/or mountings, equipment and attachments do not meet the above specifications, the County may, at its sole option:

- 1) Reject the truck cab and chassis complete with mountings, equipment and attachments and return it to the dealer at the dealer's expense, at which time the County's obligations to the dealer as to the truck cab and chassis and mountings, equipment and attachments shall become null and void.
- 2) Request the dealer to conform the truck cab & chassis to the above specifications. This work shall be performed properly within the time limits established by the County and at no cost to the County.
- 3) Request the dealer to conform the mountings, equipment and attachments to the above specifications. This work shall be performed properly within the time limits established by the County and at no cost to the County.
- 4) Hold back from any monies due the dealer(s), the reasonable value of the rejected item, replacement parts, workmanship, or services, based upon contract price.

**Parts and Service**

The bidder shall provide the following general information for parts and service (truck & chassis):

- Truck parts facility address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
- Phone number \_\_\_\_\_
  
- 24 hour phone number, if available \_\_\_\_\_
  
- Hours of operation \_\_\_\_\_
  
- Separate and distinct listing of all **fluids**, including but not limited to type of fluid, recommended or required manufacturer, fluid specifications, operating and reservoir capacity.

**Parts and Service**

The bidder shall provide the following general information for parts and service (add-on equipment):

- Dump body, snow plow, and under tailgate spreader parts facility address(es) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
- Phone number \_\_\_\_\_
  
- 24 hour phone number, if available \_\_\_\_\_
  
- Hours of operation \_\_\_\_\_
  
- Separate and distinct listing of all **fluids**, including but not limited to type of fluid, recommended or required manufacturer, fluid specifications, operating and reservoir capacity.
  
- Use additional sheets if necessary.