

**NOTICE FOR SEALED BIDS**  
**EXTENDIBLE STICK, FOUR WHEEL DRIVE, BACKHOE LOADERS**

The Board of County Commissioners of McKenzie County, North Dakota, will receive bids at the County Auditor's Office at 201 5<sup>th</sup> ST NW Suite 543, Watford City, North Dakota, until the hour of 10:00 AM CT, February 21, 2019, for two (2) extendible stick, four wheel drive, backhoe loaders for the Road Department.

Bids will be submitted on the specification form furnished by the Auditor's Office, and will be available on the County's website: <http://county.mckenziecounty.net>, under Quick Links/Current Bid Notices. A Bid Bond in the amount of 5% (five) percent of the amount bid must accompany each bid in a separate envelope. Please specify "Backhoe" on the envelope.

The Board reserves the right to reject any or all bids as allowed by law, or to accept such bids as may be determined to be in the best interests of the county.

McKenzie County does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in its solicitation of bids.

Dated at Watford City, North Dakota, this 29th day of January 2019.



A handwritten signature in blue ink, appearing to read "Erica Johnsrud".

Erica Johnsrud  
McKenzie County Auditor/Treasurer

Publish February 6 and 13, 2019

**MCKENZIE COUNTY  
ROAD DEPARTMENT  
SPECIFICATIONS FOR TWO EXTENDIBLE STICK,  
FOUR WHEEL DRIVE, BACKHOE LOADERS**

This attachment shall be considered a continuation of the call for bids, and by reference made a part thereof.

The Board of County Commissioners reserves the right to reject any or all bids as allowed by law, or to accept such bids as determined to be in the best interests of the County

BASIS OF THE AWARD shall be dependent on the most responsible bid submitted. Consideration will be given to purchase price, repurchase price, delivery date, equipment service guarantees, parts and service availability, parts and service facilities location, analysis and comparison of equipment specification details, and past experience of McKenzie County with similar or related equipment.

Pursuant to the call for bids the following minimum requirements shall be met:

- A. The backhoe shall meet OSHA requirements and specifications on the date of the bid opening.
- B. No bid will be considered unless accompanied by a bid bond in the amount of no less than five (5%) percent of the bid.
- C. Delivery shall be F.O.B. to the McKenzie County Shop in Watford City and McKenzie County Shop Cartwright, North Dakota.
- D. The bid shall include all operating, service, parts, and technical repair manuals. Electronic manuals shall be capable of download to a PC or laptop computer.
- E. Bidders must specify delivery date.
- F. The unit must be a current model 2019.
- G. The bid shall include a copy of the manufacturer's current published specifications for that particular model bid.

Please indicate on the following if the backhoe offered can meet the desired configuration. Any “no” should be clarified on a separate sheet if the bidder desires support for an alternate specification. Failure to do so may result in non-acceptance of the bid.

**YES**      **NO**

\_\_\_      \_\_\_      Operating weight of machine as per McKenzie County Spec’s, (Including 4WD, extendible stick, options, or necessary counter Weights) is to be no less than 27,000 lbs.

**CAB:**

\_\_\_      \_\_\_      Sound suppressed cab with ROPS protection left and right access.

\_\_\_      \_\_\_      Floor mat.

\_\_\_      \_\_\_      Full instrumentation, lights, gauges, hour meter.

\_\_\_      \_\_\_      Head lights **LED**, directional lights, 4-way flashers.

\_\_\_      \_\_\_      2 additional front and rear work lights and 2 side lights: All **LED**.

\_\_\_      \_\_\_      Heater, defroster package-both front and rear windows 40,000 BTU’s.

\_\_\_      \_\_\_      Fresh air intake.

\_\_\_      \_\_\_      Tilt steering wheel

\_\_\_      \_\_\_      Windshield wipers – both front and rear windows.

\_\_\_      \_\_\_      Air suspension swivel seat with arm rests.

\_\_\_      \_\_\_      Safety Belt.

\_\_\_      \_\_\_      AM/FM/ Bluetooth premium weather band radio.

\_\_\_      \_\_\_      Hand operated and foot operated throttle.

\_\_\_      \_\_\_      Wiring, switches, etc. necessary for roof mounted strobe light.

\_\_\_      \_\_\_      Front defroster fan.

\_\_\_      \_\_\_      Radio installation kit.

**Cab cont.**

**Yes**      **No**

- \_\_\_      \_\_\_      12 volt internal receptacle.
- \_\_\_      \_\_\_      Vandal protection for all access points and areas.
- \_\_\_      \_\_\_      Rear-view mirror (inside).
- \_\_\_      \_\_\_      Air-conditioned.
- \_\_\_      \_\_\_      **Automatic** ride control.
- \_\_\_      \_\_\_      Sun visor.
- \_\_\_      \_\_\_      2 external rear view mirrors.
- \_\_\_      \_\_\_      Air suspension, cloth, heated seat.

**LOADER:**

- \_\_\_      \_\_\_      Minimum of 2.0 cu.yd. general purpose bucket with hydraulic quick coupler. Factory installed.
- \_\_\_      \_\_\_      Bolt on cutting edge and bolt on skid plates with 2 lift loops.
- \_\_\_      \_\_\_      Single lever loader control with electric clutch cut off switch.
- \_\_\_      \_\_\_      Automatic bucket positioned with return to dig, with float position.
- \_\_\_      \_\_\_      Minimum 15,800 lbs. break-out force with quick change bucket.
- \_\_\_      \_\_\_      Minimum 9,300 lbs. lifting capacity at full height with quick change bucket.
- \_\_\_      \_\_\_      Maximum 12' 3" height to bucket hinge pin.
- \_\_\_      \_\_\_      Automatic ride control must be included. Factory installed.

**BACKHOE (Extendable)**

**YES      NO**

- Controls shall be two lever design (pilot controlled).
- Minimum 17,600 lbs. digging force, bucket cylinder.
- Minimum 12,000 lbs. digging force, crowd cylinder.
- Bucket shall be heavy duty 36 in. (18.8 cu. ft.) with replaceable teeth, pin on.
- Auxiliary backhoe valves for one and two way hydraulics for a hydraulic thumb and a valve to run a hydraulic hammer.
- Hydraulic thumb (main pin design) must be installed and included. to properly fit and mesh the 36" bucket.
- Backhoe shall have locking device that is cab operated to lock boom in fully raised position.
- Maximum digging depth (retracted) – no less than 17' 2". – 2' flat bottom
- Maximum digging depth(extended) – no less than 21' 8" – 2' flat Bottom
- 1,500 lb. front auxiliary counterweight must be included.

**ENGINE:**

- 148 HP(net) minimum peak power.
- Minimum – 276 cu. in. displacement.
- Diesel fuel powered.
- Two stage dry type air cleaner, with primary and secondary elements
- Direct electric start, 12 volt.

**Engine cont.**

**Yes**      **No**

- Heavy duty alternator, 150 amps.
- Glow plug starting aid.
- Engine block heater, 1,000 WATT.
- Coolant (-40 degrees F).
- Maintenance free 1850 CCA dual batteries with disconnect and jump post.

**TRANSMISSION:**

- Minimum of 4 speeds forward and 3 speeds reverse. Autoshift.
- Single stage torque converter, dual phase.
- Shuttle shift forward and reverse.
- All-wheel drive, on-the-go under load switch.
- Transmission neutralizer switch.

**BRAKES:**

- Wet disc, inboard, self-adjusting, power assisted.
- Individual right and left pedals.
- Parking brake electronically controlled.

**AXLES:**

- Front tires traction lug design, 15-19.5 – 16 ply minimum.
- Rear tires traction lug design, 20.5-25 – 18 ply minimum.
- Rear axle with differential lock/unlock
- AWD drive shaft guards.

**Axles cont.**

**Yes      No**

\_\_\_      \_\_\_      Transport tie downs.

**HYDRAULICS:**

- \_\_\_      \_\_\_      Minimum 52 GPM pump capacity.
- \_\_\_      \_\_\_      Minimum 3600 psi system pressure-loader and backhoe.
- \_\_\_      \_\_\_      Replaceable filter element, 10 micron minimum.
- \_\_\_      \_\_\_      Closed center, pressure compensated, load sensing, axial piston.
- \_\_\_      \_\_\_      Auxiliary 3<sup>rd</sup> valve to operate hydraulic from grapple.
- \_\_\_      \_\_\_      Synthetic oil specialized for extreme cold weather and warm weather must be factory installed. Comparable to Hydrau XR.

**OTHER FEATURES INCLUDED IN BID:**

- \_\_\_      \_\_\_      HD hydraulic front quick coupler, factory installed.
- \_\_\_      \_\_\_      Front wheel fender kit installed.
- \_\_\_      \_\_\_      Set of HD rear tire chains to fit 20.5x25 tires.
- \_\_\_      \_\_\_      HD construction utility forks, coupler mount, 60" long x 60" wide.
- \_\_\_      \_\_\_      HD hydraulic main pin design thumb for backhoe to fit 36" bucket.
- \_\_\_      \_\_\_      Grabtec brand 5 tine HD grapple with quick attach feature 5 tine. coupler mount.
- \_\_\_      \_\_\_      Custom fit, padded front window cover for hauling purposes.
- \_\_\_      \_\_\_      Fluid sampling ports for all fluids must be factory installed.
- \_\_\_      \_\_\_      Fuel fired coolant heater dealer installed with automatic timer installed in cab. Also power cut-off installed in battery box.

**EXPLANATIONS FOR “NO” ANSWERS:**



**BID PROPOSAL**

MANUFACTURER \_\_\_\_\_

MODEL \_\_\_\_\_

The County Commissioners reserve the right to hold the bids for a period of not to exceed 30 days.

Upon acceptance of any bid, the McKenzie County Road Dept shall withhold five (5%) percent of the bidder's net bid for at least thirty (30) days after the delivery of said item to insure compliance with all agreed upon specifications.

We hereby certify that the foregoing is a responsible bid. Any variations from the specifications are noted or attached. Copies of machine warranty guarantees are attached along with the required bid bond for machine bid.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 2019.

\_\_\_\_\_  
Dealer Name

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
Representative Signature

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Address

\_\_\_\_\_  
City, State, Zip Code

**MACHINE WARRANTY AND AVAILABILITY GUARANTEE**

A **FULL MACHINE** warranty to include all parts and labor for all repairs required for 7 years or 7500 hours of operation, whichever occurs first from date of delivery. All mileage for warranty repair is included for the 7 year 7500 hours.

Downtime guarantee. If the bid machine is down for greater than a 48 hr period a comparable machine must be delivered and loaned free of charge until the County machine is up and running.

It is hereby understood that McKenzie County (owner) has the right to evaluate this bid upon many bases of criteria. McKenzie County has the right to accept or reject any bid depending on the best interest of McKenzie County.

Net Purchase Price for Backhoe per unit \$ \_\_\_\_\_

Trade Value: 2010 model John Deere 410J  
S/N 182088 \$ \_\_\_\_\_

Trade Value: 2010 model John Deere 410J  
S/N 182096 \$ \_\_\_\_\_

Total Net price after trade for 2 new units  
And both trades (total to boot). \$ \_\_\_\_\_

Machines will be available for delivery on the \_\_\_\_\_ day of \_\_\_\_\_ 2019.