

NOTICE FOR SEALED BIDS
ONE (1) OR MORE 2024 DIESEL POWERED, COMPACT ARTICULATED WHEEL LOADER

The Board of County Commissioners of McKenzie County, North Dakota, will receive bids at the County Auditor/Treasurer's Office at 201 5th ST NW Suite 543, Watford City, North Dakota, until the hour of 9:00 AM CT, May 9, 2024, for one (1) or more 2024 Diesel Powered, Compact Articulated Wheel Loader for the McKenzie County Landfill.

Bids will be submitted on the specification form furnished by the Auditor/Treasurer'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 "Wheel Loader" 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 18th day of April, 2024.



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

Erica Johnsrud
McKenzie County Auditor/Treasurer

Publish April 24, May 1 and May 8, 2024

**MCKENZIE COUNTY FLEET DEPARTMENT
WATFORD CITY, NORTH DAKOTA
SPECIFICATIONS FOR ONE OR MORE
2024 DIESEL POWERED, COMPACT ARTICULATED WHEEL LOADER**

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

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.

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, analyses and comparison of equipment specification details.

No bid will be accepted without a five (5) year or five thousand (5000) hour total machine warranty.

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

- A. Wheel Loader 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 not less than five (5) percent of the total amount of the bid.
- C. Delivery shall be F.O.B. McKenzie County Shop, Watford City, North Dakota.
- D. The bid shall include all operating, service, parts, and technical repair manuals (paper (and CD or USB drive)
- E. Bidders must specify delivery date.
- F. Wheel Loader shall be 2024 new current production model with all the latest changes and features offered as standard whether or not called for in the specifications; except where this specification requires a substitution in lieu of the manufacturer's standard equipment.
- G. Bids will not be considered that do not include a copy of the manufacturer's literature/specification material or an incomplete specification portion of the bid sheets.
- H. Wheel Loader shall come with all hydraulics, electronics, controls, etc. to fully operate all functions stated or asked for in bid.

Please indicate in the following if the machine 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 not to do so may result in non-acceptance of the bid.

YES NO

___ ___ a. Minimum operating weight no less than 11,500 lbs.

ENGINE

___ ___ a. Engine Manufacture _____

___ ___ b. **Must have Tier 4 diesel engine.**

___ ___ c. Low temperature starting system.

___ ___ d. Automatic glow plugs.

___ ___ e. Block heater, 110 volt.

___ ___ f. Starter protection system.

___ ___ g. 20-gallon fuel capacity, minimum

___ ___ h. Centrifugal engine air precleaner.

___ ___ i. Dry-type air cleaner with pre-cleaner, automatic dust ejector and air Cleaner.

___ ___ j. Anti-freeze -35 degrees (Fahrenheit), minimum.

___ ___ k. Oil filter, cartridge.

___ ___ l. EPA Final Tier 4/EU Stage IV emissions compliant.

___ ___ m. Engine horsepower shall be minimum of 73 hp

___ ___ n. Engine enclosures (Fiberglass hood with latch).

___ ___ o. Automatic derating for exceeded system temperatures.

___ ___ p. Cooling on demand, hydraulic-driven, variable speed fan.

TRANSMISSION

- ___ ___ a. Hydrostatic (HST) with infinitely variable speed control over full range
- ___ ___ b. Minimum 2 speeds forward and 2 speeds reverse.
- ___ ___ c. Unit shall have joystick mounted F-N-R and gear-select lever
- ___ ___ d. Separate transmission oil cooler.
- ___ ___ e. Transmission filter, (cartridge type) and magnet screen.
- ___ ___ g. Max speed must be at least 23.5 mph.

BRAKES, AXLES, AND TIRES

- ___ ___ a. Full hydraulic enclosed wet disc brakes adjustment free.
- ___ ___ b. Parking brake automatic spring applied, hydraulically released, oil cooled, multi disc.
- ___ ___ c. Service brakes hydraulically actuated, inboard, sun gear mounted, oil cooled, self-adjusting, multi disc.
- ___ ___ d. 405/70R20 tires.
- ___ ___ e. Heavy-duty, outboard planetary final drives.
- ___ ___ f. Front axle fixed, **greaseless** rear axle oscillation Max 16 degrees stop to stop.
- ___ ___ g. Hydraulic power steering
- ___ ___ h. Minimum 12” ground clearance.

ARTICULATION JOINT

- ___ ___ a. Mechanical lock.
- ___ ___ b. Greaseless steering cylinder joint.
- ___ ___ c. Minimum 40-deg. Articulation (20 deg. each direction)

HYDRAULICS

- a. Full hydraulic, pilot hydraulic controls. Must be hi-flow option 27 gpm min.
- b. Fixed-displacement gear pump; open-center system
- c. Non-vented hydraulic tank.
- d. Cartridge type full flow hydraulic filter.
- e. Two function joystick controls with 1 extra auxiliary valve.
- f. Static tipping load straight minimum with coupler 7,900 lbs.min.
- g. Breakout force with quick coupler must meet industry standards.
- h. Cycle time must meet industry standards.
- i. Ride control, automatic with monitor adjustable speed settings.
- j. Hydraulic control system for quick-coupler locking pins.

OPERATOR COMPARTMENT

- a. "Rops" quiet cab with heater and air conditioning.
- b. Outside rear-view mirrors, inside rear-view mirror.
- c. Doors latch open and lock shut.
- d. Seat, air suspension/heated.
- e. Wet-arm wipers and washers. Front and rear.
- f. Adjustable control console.
- g. Sound suppressed pressurized cab.
- h. AM/FM weather band radio.
- i. Sun Visor
- J. Backup camera with Display

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ELECTRIC SYSTEM AND LIGHTS

- ___ ___ a. 12 volt system.
- ___ ___ b. Heavy duty battery.
- ___ ___ c. LED Driving lights.
- ___ ___ d. Stop, tail, directional lights, front and rear.
- ___ ___ e. Front and rear mounted work LED lights.
- ___ ___ f. Machine bid must have all lights factory available.
- ___ ___ g. Interior cab lights.
- ___ ___ h. Cab to be “radio ready” for 12 volt county radio system
- ___ ___ i. Electric horn and automatic back-up alarm.
- ___ ___ j. 80 amp alternator or larger preferred.
- ___ ___ k. Lockable master electrical disconnect switch.
- ___ ___ L. Must have amber beacon light

LOADER

- ___ ___ a. 1.0 -yard general purpose bucket to fit a skid steer Quick-Tatch coupler. Coupler, bucket and forks must be compatible with Counties existing skid steer loaders.
- ___ ___ b. H.D. bolt on cutting edges.
- ___ ___ c. Hydraulic quick coupler. Quick-Tatch skid steer quick coupler
- ___ ___ d. Electrical connector for skid steer attachments that require power.

INSTRUMENTATION

YES NO

- | | | |
|-----|-----|--|
| ___ | ___ | a. Gauges for engine coolant temperature, fuel, transmission oil temp. voltmeter, and engine oil pressure. |
| ___ | ___ | b. Visual sight gauges for hydraulic reservoir level, radiator level, and Transmission fluid level. |
| ___ | ___ | c. Hour meter and Tachometer. |
| ___ | ___ | d. Audible and visual warnings for engine oil, brake pressure, coolant and transmission oil temperatures. |

DIFFERENTIAL

- | | | |
|-----|-----|---|
| ___ | ___ | a. Locking front differential. Must be 100% Differential lock. Manual differential lock which can be activated by button in cab. |
|-----|-----|---|

FRAME/OTHER

- | | | |
|-----|-----|---|
| ___ | ___ | a. Lift/tie down eyes. |
| ___ | ___ | b. Front fenders. |
| ___ | ___ | c. Drawbar, with locking pin. |
| ___ | ___ | d. Vandal protection package. |
| ___ | ___ | e. Bottom guards and transmission guards. |
| ___ | ___ | f. Safety / Operating Training videos |

LIST EXPLANATIONS FOR ANY NO ANSWERS:

BIDDERS CERTIFICATION

It is hereby understood that McKenzie County (owner) has the right to evaluate this bid upon many bases of criteria, 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.

The trade-in machine is available for appraisal at their present work site.

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

Upon acceptance of any bid, McKenzie County shall withhold five (5) percent of the bidder's net bid for at least thirty days after the delivery of said bid item to ensure 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 the machine bid.

Dated this _____ day of _____, 2024

Dealer Name

Representative Signature

Telephone

Address

Fax Number

City, State, Zip Code

MACHINE WARRANTY & AVAILABILITY GUARANTEE

The intent of this clause is to guarantee the cost of repairs and downtime to McKenzie County. Therefore, all bidders shall include with their bid:

Machine must have a seven (5) year or seven thousand (5,000) hour full warranty, whichever occurs first from date of delivery. This warranty is to include travel time and mileage. The only exclusions are to be wear items such as tires, cutting edges, glass, etc.

Annual machine inspection and adjustments as prescribed in the maintenance guides shall be performed in the field, unless convenient prior arrangements are made, and all costs covered by the **dealer**.

Warranty related machine transport costs to the repair facility or travel time and mileage will be provided by the dealer for 5 years or 5,000 hours.

Ninety-five (95) percent guaranteed machine availability (computed on a 1000-hour work year). After any continuous downtime greater than 40 work week hours, a free replacement comparable machine shall be provided or an hourly assessment of \$70 per hour shall be charged to the dealer to cover a replacement rental machine. \$300 per day shall be charged the dealer at the anniversary date for downtime in excess of 5%.

McKenzie County will make the machine available for repairs and inspections as requested by the successful dealer.

BID PROPOSAL

Manufacturer _____

Model _____

PURCHASE PRICE WITH TRADE

Net purchase price, \$ _____

Trade in Value of T870 Bobcat \$ _____
Vin# B4C18035

Price after trade in, \$ _____

Delivery date _____