

**NOTICE FOR SEALED BIDS
ONE (1) OR MORE 2024/2025 LANDFILL COMPACTOR**

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 10:00 AM CT, November 7, 2024, for one (1) 2024 or 2025 Landfill Compactor 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 "Landfill Compactor" 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 3rd day of October, 2024.



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

Erica Johnsrud
McKenzie County Auditor/Treasurer

Publish October 9, 16, and 23, 2024

MCKENZIE COUNTY
SOLID WASTE DEPT.
ARNEGARD, NORTH DAKOTA
SPECIFICATIONS FOR ONE
2024 / 2025 , LANDFILL COMPACTOR

Buy and lease to own option

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.

Bids are due back November 7th 2024 by 10:00 AM CT to the McKenzie county auditor and treasures office. Bids that are late or incomplete will be considered unresponsive and they will not be considered for the next steps. The bid will be awarded November 7th at the Board of County Commissioners meeting time to be determined. All applicants shall prepare all required materials and information associated with this submittal at their own expense. All firms submitting proposals do so with the understanding that the County will not reimburse any expenses associated with the RFP process.

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) and / or (7) year or five thousand (5,000) and / or (7,000) hour total machine warranty.

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

- A. Landfill Compactor 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 Landfill, Arnegard, North Dakota.
- D. The bid shall include all operating, service, parts, and technical repair manuals (paper (and digital copy)

- E. Bidders must specify delivery date.
- F. Landfill Compactor shall be a 2024 / 2025 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. Compactor shall come with all hydraulics, electronics, controls, etc. to fully operate all functions stated or asked for in bid.

Bids will not be considered that do not include a **GUARANTEED REPURCHASE AGREEMENT** for the years 5 through 7.

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.

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 five (5) and / or (7) year or five thousand (5000) and / or (7000) 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 and / or 7 years or 7,000 hours.

Ninety-five (95) percent guaranteed machine availability (computed on a 1,000-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 \$100 per hour shall be charged to the dealer to cover a replacement rental machine. \$500 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.

1. BASE SPECIFICATIONS

	YES	NO
Currently manufactured steel-wheeled landfill compactor with all-wheel drive. Minimum operating weight of 91,500-pounds, including accessories. No ballasting will be permitted.	<input type="checkbox"/>	<input type="checkbox"/>
Vehicle shall have a balanced front-to-rear weight ratio.	<input type="checkbox"/>	<input type="checkbox"/>
Machine height shall not exceed 17.5-feet including beacon or other lights.	<input type="checkbox"/>	<input type="checkbox"/>
Overall maximum width of machine shall not exceed 18-ft.	<input type="checkbox"/>	<input type="checkbox"/>
Machine shall include all government mandated safety equipment.	<input type="checkbox"/>	<input type="checkbox"/>
The compactor shall have all metal surfaces primed and painted with the manufacturer's best product and standard color.	<input type="checkbox"/>	<input type="checkbox"/>

2. ENGINE

	YES	NO
The engine is to be designed and built by a qualified Engine Manufacturer and be US Tier III (or current requirement) compliant.	<input type="checkbox"/>	<input type="checkbox"/>
The engine should be no less than 445 HP or 331 KW	<input type="checkbox"/>	<input type="checkbox"/>
Engine air cleaner shall be a dual element dry type with in-cab service indicator.	<input type="checkbox"/>	<input type="checkbox"/>
Fuel system shall be a 3 stage filtering system containing a water separator, primary filter, and secondary filter.	<input type="checkbox"/>	<input type="checkbox"/>
Fuel tank shall have a sediment drain.	<input type="checkbox"/>	<input type="checkbox"/>
Two 12-volt low maintenance batteries with minimum 900 CCA per battery.	<input type="checkbox"/>	<input type="checkbox"/>
Master battery disconnect switch.	<input type="checkbox"/>	<input type="checkbox"/>

	YES	NO
Electronic Control System shall monitor engine functions and provide automatic shutdown when high engine temperature or low oil pressure is detected.	<input type="checkbox"/>	<input type="checkbox"/>

3. DRIVE TRAIN

	YES	NO
Drive system shall be hydrostatic with each wheel driven by its own independent system. Hydrostatic drives must have a separate filtration and oil cooling system.	<input type="checkbox"/>	<input type="checkbox"/>
The transmission shall provide at least two speeds forward and two speeds reverse.	<input type="checkbox"/>	<input type="checkbox"/>
Differentials should be a hydraulic locking type on both the front and rear axles. All four wheels must have the ability to be full time four-wheel drive.	<input type="checkbox"/>	<input type="checkbox"/>
Hydrostatic machines do not require differentials.	<input type="checkbox"/>	<input type="checkbox"/>
The front axle shall be fixed, while the rear axle shall oscillate no less than 11 degrees total or has a +/- oscillation movement between front and rear frames.	<input type="checkbox"/>	<input type="checkbox"/>

4. COOLING SYSTEM

	YES	NO
A high ambient temperature heavy-duty cooling system is required and must be of the largest capacity available by the machine manufacturer.	<input type="checkbox"/>	<input type="checkbox"/>
The radiator and other cooling cores shall be a heavy-duty swing out type or have another easy way to access and clean the radiator and cores.	<input type="checkbox"/>	<input type="checkbox"/>
Machine shall have a coolant recovery tank.	<input type="checkbox"/>	<input type="checkbox"/>

5. HYDRAULIC SYSTEM

	YES	NO
Hydraulic system shall be fully filtered and completely sealed.	<input type="checkbox"/>	<input type="checkbox"/>
Hydraulic reservoir shall have a sight glass to check fluid level.	<input type="checkbox"/>	<input type="checkbox"/>
Machine shall have a hydraulic oil cooler.	<input type="checkbox"/>	<input type="checkbox"/>
Adjustable right-handed single lever blade control shall hydraulically control all blade functions: raise, lower, hold, and float.	<input type="checkbox"/>	<input type="checkbox"/>

6. STEERING

	YES	NO
Steering shall be controlled by an adjustable joystick control lever, equipped with a throttle lock.	<input type="checkbox"/>	<input type="checkbox"/>
Machine must have center point articulation and at least 30 degree articulated steering.	<input type="checkbox"/>	<input type="checkbox"/>

7. BRAKES

	YES	NO
The braking system shall be standard for the machine.	<input type="checkbox"/>	<input type="checkbox"/>
Parking break shall be suitable to hold the machine on steep grade.	<input type="checkbox"/>	<input type="checkbox"/>

8. OPERATORS COMPARTMENT

	YES	NO
Cab shall be fully enclosed with at least one working door and an emergency egress route.	<input type="checkbox"/>	<input type="checkbox"/>
The cab shall contain factory installed air conditioning, heater and defroster. The cab shall be fully filtered.	<input type="checkbox"/>	<input type="checkbox"/>
Cab shall be fully enclosed; sound suppressed with interior noise levels not to exceed 75 dBA.	<input type="checkbox"/>	<input type="checkbox"/>
Cab shall be fully ROPS/FOPS protected.	<input type="checkbox"/>	<input type="checkbox"/>
Cab shall have vibration isolating cab mounts.	<input type="checkbox"/>	<input type="checkbox"/>

	YES	NO
Cab shall be equipped with a 6-way adjustable seat and contain an air suspension.	<input type="checkbox"/>	<input type="checkbox"/>
Operator's seat shall include adjustable left and right armrests and a lap belt.	<input type="checkbox"/>	<input type="checkbox"/>
Cab shall have AM/FM stereo radio, speakers, and low mounted antenna.	<input type="checkbox"/>	<input type="checkbox"/>
Cab shall be wired and equipped with a dash mounted switch that controls a cab mounted LED strobe light.	<input type="checkbox"/>	<input type="checkbox"/>
Cab shall have windshield wipers with a washer delivery system for front and rear windows with intermittent controls for the front window.	<input type="checkbox"/>	<input type="checkbox"/>
The lighting package shall include two LED front and rear mounted work lights, two LED front and rear mounted flood lights, stop and tail lights, and an interior cab dome light.	<input type="checkbox"/>	<input type="checkbox"/>
The machine shall have a monitoring system that provides gauges, tachometer, and three level warning to provide full time monitoring of key functions. The system shall alert the operator of immediate or impending problems with engine oil pressure, charging system, hydraulic oil level, hydraulic oil filter, transmission oil filter, high coolant temperature, high hydraulic temperature, high transmission temperature, Digital hour meter and fuel level.	<input type="checkbox"/>	<input type="checkbox"/>
Machine shall have a full external heated mirror package.	<input type="checkbox"/>	<input type="checkbox"/>
Cab shall include a backup camera system with a full color monitor.	<input type="checkbox"/>	<input type="checkbox"/>
Machine shall have an audible backup alarm.	<input type="checkbox"/>	<input type="checkbox"/>
Operator's station shall contain two 12 Volt DC (25 Amp) accessory	<input type="checkbox"/>	<input type="checkbox"/>
Machine shall have rubber mounted tinted safety glass on all windows.	<input type="checkbox"/>	<input type="checkbox"/>
connections, a rubber floor mat, an electric horn, and an integrated external 2-way radio antenna.	<input type="checkbox"/>	<input type="checkbox"/>

	YES	NO
Machine shall have sliding or swing-out side windows.	<input type="checkbox"/>	<input type="checkbox"/>

9. FRAME

	YES	NO
The chassis shall be designed and manufactured specifically for landfill operations with easy access to all service compartments.	<input type="checkbox"/>	<input type="checkbox"/>
All required landfill guarding, front and rear tow hooks, rear drawbar and pin, and heavy duty handles and steps shall be included as standard equipment.	<input type="checkbox"/>	<input type="checkbox"/>
A solid steel plate undercarriage shall be sealed and must provide service access without the use of belly pans.	<input type="checkbox"/>	<input type="checkbox"/>
Frame must permit oscillation of at least 11 degrees to maintain wheels in contact with the ground.	<input type="checkbox"/>	<input type="checkbox"/>
Equip unit with a structural steel stair to the cab.	<input type="checkbox"/>	<input type="checkbox"/>

10. COMPACTION WHEELS

	YES	NO
Wheels shall be designed and supplied by the original equipment manufacturer whenever possible.	<input type="checkbox"/>	<input type="checkbox"/>
The compaction teeth shall be a premium, hardened cast, weld-on tooth with no less than an 8 inch imprint measuring from the drum surface to the tooth tip and no less than 6 square inches on the tip face. Other premium wheels may be considered.	<input type="checkbox"/>	<input type="checkbox"/>
Each wheel shall have an adjustable cleaner bar fore or aft of each wheel with teeth between the rows of caps to prevent material buildup in either forward or reverse direction.	<input type="checkbox"/>	<input type="checkbox"/>
Cleats shall be warrantied for a full 5-years, or 10,000-hours, whichever comes first, with a no-dollar limit (NDL) provision.	<input type="checkbox"/>	<input type="checkbox"/>

11. BLADE

Machine shall be equipped with a Heavy-Duty Semi-U including a see-through trash screen constructed of heavy-duty plate material.	<input type="checkbox"/>	<input type="checkbox"/>
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Blade shall be equipped with replaceable cutting edges and end bits.	<input type="checkbox"/>	<input type="checkbox"/>
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12. SERVICEABILITY

	YES	NO
The successful bidder must furnish operator’s manual, parts manual with exploded views, engine maintenance and repair manuals, and complete shop service and repair manuals. Two hard copies and two thumb drive copies of all listed manuals must be included in the purchase price. If on-line manuals are available, access must be at no cost for the life of the equipment. In addition, any cables for trouble-shooting or software must be included.	<input type="checkbox"/>	<input type="checkbox"/>
The successful bidder will be required to provide adequate training to instruct County personnel in proper safe operation, lubrication and maintenance for the new machine purchased.	<input type="checkbox"/>	<input type="checkbox"/>
Centralized/automatic lubrication system is required for all grease fittings and bearing areas on the compactor.	<input type="checkbox"/>	<input type="checkbox"/>
Successful bidder must provide on additional complete set of filters for the machine.	<input type="checkbox"/>	<input type="checkbox"/>
Engine and drive component compartment shall be fully enclosed with easy access to all components through service doors.	<input type="checkbox"/>	<input type="checkbox"/>
All service access doors must provide a locking mechanism to hold the doors in full open position during servicing.	<input type="checkbox"/>	<input type="checkbox"/>
Engine and hydraulic oil systems must contain a port for ease of oil sampling.	<input type="checkbox"/>	<input type="checkbox"/>
Ecology drains for simple and clean fluid drainage shall be provided.	<input type="checkbox"/>	<input type="checkbox"/>

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, and the trade-in machines are 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, the McKenzie County Road Department shall withhold five (5) percent of the bidder’s net bid for at least thirty days after the delivery of said bid item to insure compliance with all agreed upon specifications.

Machine will be available for delivery on the _____ day of _____, 20_____.

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 _____, 2023.

Trade in Equipment

2022 CAT 826 Compactor Vin # XXXXXXXXXXXXXXXXXXXX Hours xxxxxx

Trade in Amount \$_____

NEW Equipment

MAKE _____ MODEL _____ HORSEPOWER _____

YEAR MANUFACTURED _____

Option 1: Cash Purchase with 5 year 5,000 hour

- 1. TOTAL COST BID PRICE NO TRADE: \$_____
- 2. Total Price with trade in \$_____
- 3. Guaranteed buy-back price after five-years: \$_____
- 4. Guaranteed buy-back price after Seven-years: \$_____

Option 2: Cash Purchase with 7 year 7,000 hour

- 5. TOTAL COST BID PRICE NO TRADE: \$ _____
- 6. Total Price with trade in \$ _____
- 7. Guaranteed buy-back price after five-years: \$ _____
- 8. Guaranteed buy-back price after Seven-years: \$ _____

Option 3: Five (5) Yearly Equal Payments Lease Purchase

Annual Interest Rate _____%

- 9. Total Finance Amount with Trade: \$ _____
- 10. Annual Payment: \$ _____
- 11. Total Cost: \$ _____
- 12. Guaranteed buy-back price at end of lease: \$ _____

Option 4: Seven (7) Yearly Equal Payments Lease Purchase

Annual Interest Rate _____%

- 13. Total Finance Amount with Trade: \$ _____
- 14. Annual Payment: \$ _____
- 15. Total Cost: \$ _____
- Guaranteed buy-back price at end of lease: \$ _____

Dealer Name

Representative Signature

Telephone

Address

Fax Number

City, State, Zip Code