

**GENERAL BID SPECIFICATIONS
CITY OF MINOT, ND 58701**

Every bid must be accompanied by a bidder's bond, a certified check, or a cashier's check, made payable to the City of Minot, in the amount of 5% of the total bid. Checks of the unsuccessful bidders will be returned and the check or bond of the successful bidder will be held as a guaranty that the terms of the bid will be complied with.

The City of Minot is exempt from state and federal excise and sales taxes and no amount for such taxes are to be included in the bid price. The attached bid proposal form shall be used in submitting the bid.

The City Council reserves, to itself, the right to reject any or all bids and to award the contract as it deems necessary and in the best interest of the City of Minot.

Delivery of equipment or services contained in the proposal shall be made to the Minot Landfill, and the price shall be FOB, Minot, North Dakota. The delivery date shall be specified on the bid. Rental/Lease agreement is to be based on a 5-year/8500-hour lease. Lease is to start on the delivery date and continue for sixty (60) months.

All envelopes must be sealed and marked plainly

**"Bid for One (1) Track-Type 6-Way Dozer"
"Project #4747"**

Bids will be opened in the office of the City Clerk at the Civic Center, 515 2nd Ave. S.W., Minot, North Dakota at 11:00 a.m. on Tuesday, November 29, 2022. Bids received after this time will be returned, unopened, to the bidder. Bidders are invited to be present at the opening of bids.

**CITY OF MINOT SPECIFICATIONS
ONE (1) TRACK TYPE 6-WAY DOZER
LANDFILL
NOVEMBER 2022**

GENERAL

This machine shall be a new standard production track type tractor with 6-way blade meeting the following minimum specifications. Should any supplier be unable to meet all of the items in this specification, they may bid the unit with the items that can be supplied. Any deviations from the specifications shall be clearly explained and attached to the bid proposal. Specification deviations will be considered in relation to the effectiveness and cost of the machine. Dealer to provide brochure in bid package. This machine shall be the manufacturer's newest and latest model bid with the "Landfill Package".

WEIGHT

Machine operating weight shall be a minimum of 50,000 lbs.

Yes No

GENERAL DIMENSIONS

Tractor shall have a ground clearance of at least 15 inches from ground to shoe face.

Yes No

Track gauge shall be at least 90 inches.

Yes No

ENGINE

The engine shall be of the diesel type, four-stroke cycle, fully equipped with all necessary operation accessories. The engine shall be mounted so as to be accessible for adjustment and normal servicing.

Yes No

Engine certified to meet Final Tier 4 emissions.

Yes No

Net horsepower shall be not less than 217.

Yes No

The engine shall have a piston displacement not less than 540 in³.

Yes No

Shall be equipped with a hydraulically driven reversing fan that automatically reverses fan rotation at preset intervals to purge debris from radiator and engine compartment without stopping machine or slowing hydraulic functions.

Yes No

Must have direct injection fuel system.

Yes No

Fan shall be hydraulic variable speed demand.

Yes No

Engine air cleaner shall be dual element, dry type with service indicator and turbine type pre-cleaner.

Yes No

Alternator shall be 100 amp (minimum).

Yes No

Starter shall be 24 volt.

Yes No

Heavy-duty batteries and engine heater shall be installed.

Yes No

TRANSMISSION

The transmission shall:

Be a planetary type, power shift with torque divider or electric generating power inverter with propulsion module.

Yes No

Be capable of withstanding unrestricted speed and directional changes, at any speed or any gear without first having to decelerate.

Yes No

Provide infinite variable speeds forward and reverse.

Yes No

Provide a load sensing feature automatically adjusting speed and power to changing load conditions.

Yes No

Have a forward ground speed of at least 6 mph.

Yes No

STEERING SYSTEM

The steering system shall:

Be controlled by single hand lever that controls all directional movement (forward, reverse, left and right).

Yes No

Provide continuous power to both tracks. Yes No

Allow the operator infinite steering variations within operating range. Yes No

Equipped with quick service ports Yes No

BRAKES

Dynamic braking shall be provided stopping machine when direction control is set in neutral. Yes No

FINAL DRIVES

Final drive shall be:

Modular design for easy service. Designed so that removal may be accomplished without removal of track roller frame. Yes No

Double reduction planetary design. Yes No

Sprockets shall be segmented. Yes No

UNDERCARRIAGE

Undercarriage shall have:

A tubular design track roller frame to resist bending and torsional loads. Yes No

30" trapezoidal grouser – HD. Yes No

Lifetime lubricated rollers and idlers. Yes No

Oscillating roller frames attached to the tractor by a pivot shaft and a pinned equalizer bar. Yes No

Hydraulic track adjustment by grease gun. Yes No

Sealed and lubricated track to prevent entry of dirt and surround the track pin with lubricant to reduce internal bushing wear. Yes No

- Minimum 127-inch track on the ground. Yes No
- Track made by the same manufacturer as the tractor. Yes No
- Split master link. Yes No
- Minimum of 8 track rollers per side. Yes No

OPERATOR'S STATION

Operator's station shall have:

- ROPS pressurized cab (HVAC-powered precleaner) with heater, defroster and air conditioning. Yes No
- An isolation-mounted cab that reduces noise and vibration. Yes No
- Rear view heavy duty mirror. Yes No
- Low effort controls. Yes No
- AM/FM Radio. Yes No
- Windshield Wipers with Washers (Front, Rear, Left, and Right). Yes No
- 24-to12 volt converter with two power point plug-in receptacles. Yes No
- Smooth, precise one-handed forward, reverse and turning control. Yes No
- Fully adjustable Premium air-suspension seat. Yes No
- Fire extinguisher with bracket. Yes No
- Sample ports to be included on all fluid compartments. Yes No
- Remote access to engine utilization data and fault codes for the duration of the lease. Ability to push fault codes to e-mail recipients. Yes No

WASTE DISPOSAL ARRANGEMENT

The unit shall be equipped with the following:

- Hinged heavy-duty radiator guard. Yes No
- Hydraulic hose protection sleeves for tilt cylinder lines. Yes No
- Four (4) front facing, cylinder mounted LED lights (bright and dim). Yes No
- Two (2) cab-mounted forward facing LED lights. Yes No
- Four (4) cab-mounted rear facing LED lights. Yes No
- Final drive and idler seal guards. Yes No
- Chassis compartment guards. Yes No
- Raised prescreen with turbine inlet. Yes No
- Heavy duty steps and grab irons. Yes No
- Thermal shield, laminated. Yes No
- Engine enclosures. Yes No
- Extreme service crankcase guards. Yes No
- Full-length rock guards. Yes No
- Fuel tank guard. Yes No
- Hydraulic tank guard. Yes No
- Striker bars front and rear. Yes No
- HVAC-powered pre-cleaner. Yes No
- Blade mounted trash rack. Yes No

DOZER

- 6-way blade (PAT). Yes No
- Minimum 156-inch overall width over corner bits. Yes No

Minimum 27 inch digging depth. Yes No

Minimum 40 inch blade ground clearance. Yes No

Minimum 20 inch blade tilt. Yes No

Minimum blade angle 23 degrees. Yes No

ATTACHMENTS

Rear storage compartment Yes No

Rear counterweights Yes No

Rear Retrieval hitch. Yes No

MANUALS

One operator's manual, one shop service manual, one parts manual, and one lube and maintenance manual shall be furnished in hard copy and in digital format. Yes No

WARRANTY

Full warranty on machine for 5 years or 8,500 hours. If equipment is down for repairs for more than 48 hours, a comparable piece of equipment shall be provided at no cost to the City. There will be no mileage or deductible charges during the warranty period. Parts must be available within 24 hours. Service center must be located within 30 miles of Minot. Yes No

Total Cost Specifications

It is understood that:

1. The City of Minot will be responsible for repair costs resulting from damage due to natural and operator causes.
2. The manufacturer shall provide a brochure or specifications showing the minimum requirements in the specifications.
3. The unit provided shall be the newest model available at the time of the bid
4. The successful bidder shall bear the cost of transportation of the equipment from the field to the repair facility or repair the unit in the field at the bidder's discretion.

****Once bids are opened, Landfill Dozer prices will be evaluated and a determination will be made that the City feels is in its best interest.**

**CITY OF MINOT BID PROPOSAL
LEASE OF ONE (1) LANDFILL DOZER
NOVEMBER 2022
PROJECT #4747**

The City of Minot is a municipal government and is tax exempt. Proposals shall not include sales tax or other applicable taxes. The tax-exempt number is E4351.

Base Bid for One (1) Landfill Dozer \$ _____

Base Bid Lease Rate per Year \$ _____

Guaranteed Buyout Price at End of Lease \$ _____

Make/Model _____

Service Provider _____

In submitting the proposal, it is understood that the contract will be awarded on the basis of lowest and best proposal, that the right to reject any and all proposals is reserved by the owner, and it is agreed that this proposal may not be withdrawn within 60 days after actual date of the opening.

The dealer hereby certifies: (a) that this proposal is genuine and is not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; (b) that he has not directly or indirectly induced or solicited any other bidder to put in false or sham bid; (c) that he has not solicited or induced any person, firm or corporation to refrain from bidding; and (d) that he has not sought by collusion or otherwise to obtain for himself any advantage over any other bidder or over the owner.

Signature

Address

Company Name

Phone and Fax Number

Date

Delivery Date

Email