

Fremont County Solid Waste Disposal District
Bid Specifications for:
New Triple Axle Side-Dump Trailer - Model Year 2021
Revision Date: September 8, 2020

BID NARRATIVE

The Fremont County Solid Waste Disposal District is seeking bids from equipment suppliers for a new side-dump semi-trailer. Listed below are minimum specifications that must be met for consideration. If a specification cannot be met, the proposing party shall provide in an attached narrative section why the section cannot be met, and include a proposed alternative.

The deadline for submitting bids is November 5, 2020, at 9:00 a.m. Sealed bids must be received, accompanied by bid security in the amount of 5% of the total bid in the form of a cashier's check, bid bond, or irrevocable letter of credit, at the Fremont County Solid Waste Disposal District office by the due date and time. Bids received after the deadline will not be accepted. Sealed bids will be opened publically at 9:05 a.m. on November 5, 2020. Submit bids to: Fremont County Solid Waste Disposal District / Attn: Side-Dump Trailer Bid / 52 Beebee Road / P.O. Box 1400 / Lander, Wyoming 82520. The bid award is anticipated to take place at the November 16, 2020, District Board meeting.

Bids will be valid for a period of 45-days after opening. The District reserves the right to reject any or all bids, including without limitation, non-conforming, non-responsive, unbalanced, or conditional bids. The District further reserves the right to reject any bid whom it finds not responsible, or if believed to not be in the best interest of the District.

The Fremont County Solid Waste Disposal District prohibits discrimination against its customers, employees, and applicants for employment on the bases of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, family or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

Delivery: The equipment shall be constructed, delivered, and fully functional by the date provided in the bid. If this timeline is not met, the supplier will be required to compensate the District \$300 per calendar day beyond the delivery date until the trailer is delivered and fully functional.

Bid Price: The bid price shall include all freight, taxes, and other costs associated with the construction and delivery of the equipment to the Fremont County Solid Waste Disposal District / 52 Beebee Road / P.O. Box 1400 / Lander, Wyoming 82520.

Please direct all questions to Andrew Frey, the Superintendent of Operations at (307) 332-7040.

INTENT

This specification describes a tub style side dump trailer with the following minimum specifications necessary to perform the work assigned. The trailer will be used to transport various materials around, to and from a landfill operation.

GENERAL TRAILER CONFIGURATION

Y ___ N ___	Triple axle configuration
Y ___ N ___	Brand New (Unused) 2021 model year or newer
Y ___ N ___	36' tub length
Y ___ N ___	Trailer width shall be 102"
Y ___ N ___	Trailer height shall not exceed 9'-10"

AXLES, WHEELS, AND TIRES

Y ___ N ___	Air ride suspension on all axles
Y ___ N ___	Air lift on third/rear axle
Y ___ N ___	49" axle spacing on front tandem axles
Y ___ N ___	72" axle spacing between middle and rear axle
Y ___ N ___	Industry standard 6 pin plug at front of trailer wired to control lift axle from tractor cab
Y ___ N ___	Pressure regulator and valve on lift axle to adjust pressure
Y ___ N ___	11R22.5 radial tires
Y ___ N ___	Dual tires and wheels on front two axles
Y ___ N ___	Single tires and wheels on rear axle
Y ___ N ___	22.5x8.25 steel wheels painted white
Y ___ N ___	ABS brakes with 2 sensors and 1 module
Y ___ N ___	Brakes shall be 16.5"x7"
Y ___ N ___	Wheel hubs to be filled with semi-fluid grease to minimize hub damage from debris impact
Y ___ N ___	Trailer shall have ABS light on rear LH side of trailer
Y ___ N ___	Axles shall have shock absorbers on all three axles

FRAME AND TUB

Y ___ N ___	36' steel round bottom tub with no visible bend lines
Y ___ N ___	Tub shall be manufactured from 1/4" AR400 steel
Y ___ N ___	Tub to have no internal dividers
Y ___ N ___	External corners of tub shall be designed to allow flex to minimize cracking
Y ___ N ___	Tub shall have four pivots per side to reduce stress on tub during dumping
Y ___ N ___	Tub hinges shall be self aligning
Y ___ N ___	Tub hinges shall have synthetic bushings that require no greasing
Y ___ N ___	Tub shall be supported externally
Y ___ N ___	Front and rear hinges shall be lockable on both sides of trailer
Y ___ N ___	Tub shall be relieved to a 45 degree angle where tub meets front and rear walls
Y ___ N ___	Side rail on both sides of tub shall be 8.5" minimum high strength steel to reduce deflection
Y ___ N ___	Tub shall be painted white
Y ___ N ___	Frame shall include non-load bearing landing legs at front of trailer with LH control lever
Y ___ N ___	Kingpin setting shall be 18" aft of trailer front
Y ___ N ___	Frame shall have front fenders cover tractor drive axles
Y ___ N ___	Frame shall have rear fenders fully covering all trailer axles
Y ___ N ___	Frame shall be painted black

HYDRAULIC SYSTEM

Y ___ N ___	Trailer shall include a electric over hydraulic valve for flexibility in tractor wet kit design. Must be compatible with the District's semi-tractor
Y ___ N ___	Hydraulic dump cylinders shall be mounted inverted to prevent debris impacting seals
Y ___ N ___	Hydraulic cylinder shall be installed to allow full control of tub during dump cycle
Y ___ N ___	Hydraulic system shall have industry standard spin on fitting at front of trailer
Y ___ N ___	Hydraulic cylinder shall be installed to minimize distances between pivot points
Y ___ N ___	Hydraulic cylinder shall be connected to tub dump support with minimum of 6 bolts
Y ___ N ___	Removal of hydraulic cylinder shall not require more than one pin and 6 bolt removal

LIGHTS

Y ___ N ___	Trailer shall have three marker lights pairs, front, center, & rear of each side
Y ___ N ___	Trailer shall have three round lights per side on rear of trailer for stop, tail, turn signals
Y ___ N ___	Trailer lights shall be wired to industry standard 7 pin female plug at front of trailer and compatible with the District's semi-tractor
Y ___ N ___	Trailer shall have three marker light centered n rear of trailer
Y ___ N ___	Trailer shall have license plate light on rear of trailer
Y ___ N ___	Lights on trailer shall be all LED

ADDITIONAL REQUIREMENTS

Y ___ N ___	Trailer shall be equipped with a retractible black tarp capable of completely enclosing the top open top portion of the trailer
Y ___ N ___	Tarp deployment and retract shall be controlled electronically from the cab and wired to be compatible with the District's semi-tractor
Y ___ N ___	Tarp shall be wiring to a industry standard heavy duty two prong plug at front of trailer and compatible with the District's semi-tractor
Y ___ N ___	Tarp shall include safety lock out to prevent tub from dumping until tarp fully retracted
Y ___ N ___	Tarp shall be protected under tub side rail when in retracted position to minimize damage
Y ___ N ___	Trailer shall have mud flaps behind tractor drive axle position
Y ___ N ___	Trailer shall have rear mud flaps behind rear trailer axle
Y ___ N ___	Trailer shall have rear push block that bolts onto frame of trailer for easy replacement
Y ___ N ___	Trailer shall have threaded drain plug in each tub compartment to allow rain water to be drained from tub
Y ___ N ___	Selling dealer/vendor to provide a certified operator trainer to the FCSWDD at a time established by the District on proper equipment operation at no additional cost.

VENDOR DETAILS

- Bidder Identification: _____

- Make: _____
- Model: _____
- Model Year: _____
- Delivery Date: _____
- Bid Price: _____
- Operator Training Date: _____
- Warranty Details: _____

- Authorized Warranty and Service Locations (provide the name of the nearest authorized warranty provider and authorized service provider, including the town/city they are located and the appropriate contact information).
