

WATERTOWN MUNICIPAL UTILITIES
WATERTOWN, SOUTH DAKOTA

SPECIFICATIONS FOR THE PURCHASE OF A TRAILER MOUNTED SELF CONTAINED VACUUM EXCAVATION SYSTEM FOR THE WATER DEPARTMENT ON BIDS TO BE OPENED BY THE WATERTOWN MUNICIPAL UTILITIES WATERTOWN, SD 57201, ON TUESDAY AFTERNOON DECEMBER 23, 2025, AT 1:30 PM.

The Watertown Municipal Utilities of the City of Watertown, SD is inviting bids for the purchase of the following:

BASE BID:

ONE (1) NEW 2026 TRAILER MOUNTED SELF CONTAINED VACUUM EXCAVATION SYSTEM WITH THE FOLLOWING MINIMUM SPECIFICATION INCLUDING ALL PUBLISHED STANDARD EQUIPMENT:

ENGINE:

49 gross horsepower liquid cooled diesel engine. Engine must have a 12-volt electric start system with battery and alternator. Engine must be in a removable fully enclosed compartment.

VACUUM PUMP:

1000 cfm vacuum pump capable of 15 inches of mercury vacuum. Pump must be in a removable fully enclosed compartment. Pump must have reverse pressure for pressurize unload. Pump must include silencer to reduce pump noise. Air Filtration for the pump must be a minimum of 3-micron rating. Filtration system must include one extra set of filter cartridges and cartridge holder. It must be washable and reusable type. Filtration system must have a water trap and drain valve. Vacuum relief valves must be filtered to protect pump when vacuum exceeds the relief setting.

TANK:

Must have minimum of 500-gallon capacity. Must have a hydraulic open full tank diameter opening rear door with latching mechanism. The tank must have a 4" minimum curbside inlet connection and a 6" minimum drain valve. Full hydraulic remote controlled extendable boom and a 4 inch inlet hose upgrade. Tank must have a fluid level indicator. Tank must be hydraulically tipped. Hydraulic pump must be driven by 12 volt motor or the same engine as the vacuum pump.

WATER SYSTEM:

Must have a 4000 psi at 4 gpm minimum water pump powered by the same engine as the vacuum pump. The pressure on the pump must be adjustable. Must have fifty (50) feet of high pressure hose rated for the capacity of the water pump. High pressure hose must be equipped with quick couplers. Must have four (4) foot wash wand. Trailer must have hose reel capable of storage for 50 feet of hose and wash wand. The pump must be able to be shut off when not needed. The pump must be protected with a low water cut off switch and a #40 mesh screen filter. Water tank must have a 200-gallon capacity with a drain. Water system must have an antifreeze system for winterizing.

POTHOLING EQUIPMENT:

- 1) 3" diameter and 5' in length dielectric potholing tool with suction only.
- 2) Fifty (50) feet of lightweight industrial rated 3-inch suction hose.
- 3) 4" to 3" hose adaptor.

All tools and hose must have quick connectors. All tools and 50 feet of hose must have storage area on the trailer.

OPERATOR STATION:

Controls and gauges must be located on one lighted curbside control panel. All equipment must be controlled from curb side. Standard gauges to include oil pressure, engine temperature, fuel level, hour meter, and vacuum gauge.

TRAILER:

Trailer must have tandem axles. Rated with a gross vehicle weight rating (GVWR) not to exceed 13,000 pounds. Tires must be rated to gross vehicle weight rating (GVWR). Must have electric brakes, an adjustable pintle hitch and a 10,000-pound jack. Must have a round 7 pin electrical connection. Must meet all DOT requirements for lighting and reflective markers. Trailer must have LED amber flash visible from 360 degrees around unit. Trailer must have a work lights to light rear working area.

OPERATOR TRAINING:

On delivery of the unit hands on training for the operators must be given on the unit by qualified dealership personal. Two sets of operation/ maintenance and parts manuals and one mechanics service manual must be provided with the unit.

WARRANTY:

Unit is to be covered by a one (1) year parts and labor warranty. Warranty must include the use of loaner unit in the event ours is out of service for more than five (5) working days.

DELIVERY:

Delivery must be within 60 days from date of order. Delivery must be made to 901 4th Ave SW
Watertown, SD 57201

Trade-In:

2018 Ring-O-Matic 550 trailer mounted vacuum excavator. Serial #1R9J51829JP303431.

Approximately 1400 hours on the machine. The trade-in unit may be seen at the Watertown
Municipal Utilities Office at 901 Fourth Avenue SW, Watertown, SD. From 8:00 am to 12:00
pm and 1:00 pm to 5:00 pm Monday thru Friday.

INSTRUCTIONS TO BIDDERS

ALL BIDS SHALL BE SUBMITTED ON ATTACHED PROPOSAL FORM, and any supporting data attached thereto.

Specify Delivery Date.

Only Firm Bids will be accepted.

Each bid shall be accompanied by bid deposit as a guaranty that such bidder will enter into a contract with said Municipal Utilities Board in case such bidder be awarded the contract. The bid deposit shall be in the form of a certified check, cashier's check or bank draft, for **FIVE PERCENT (5%)** of the amount of the bid OR a bid bond for **TEN PERCENT (10%)** of the amount of the bid.

The check or bank draft should be made payable to the Watertown Municipal Utilities Department. The bond should be issued by a surety authorized to do business in the State of South Dakota, such bond to be made payable to the Watertown Municipal Utilities Department. (CHECKS OR BOND NOT COMPLYING WITH THESE PROVISIONS WILL DISQUALIFY BID.)

The right is reserved to reject any and all bids or any part of any bid. No bidder may withdraw his bid within thirty (30) days after the actual date of opening.

The City of Watertown, South Dakota does not discriminate against the handicapped in employment or admission or access to its programs and activities or the provision of the services.

Bidder shall place his bid and check or bid bond in an envelope, securely sealed, and marked "**TRAILER MOUNTED SELF CONTAINED 500 GALLON VACUUM EXCAVATION SYSTEM FOR THE WATER DEPARTMENT**" and mail or deliver to the "SECRETARY, MUNICIPAL UTILITIES BOARD, 901 Fourth Avenue SW, Watertown, SD 57201" before 1:30 PM DECEMBER 23, 2025.

* * * * *

ONE (1) New 2026 TRAILER MOUNTED SELF CONTAINED 500 GALLON VACUUM EXCAVATION SYSTEM FOR
THE WATER DEPARTMENT
AS PER YOUR REQUEST FOR BIDS

MUNICIPAL UTILITIES BOARD
901 4TH AVE SW
WATERTOWN, SD 57201

Gentlemen:

We, _____ of _____
(Name of Bidder) (Address)

Hereby submit the following for ONE (1) New 2026 TRAILER MOUNTED SELF CONTAINED VACUUM
EXCAVATION SYSTEM

TOTAL PRICE WITH TRADE IN \$ _____

TOTAL PRICE WITHOUT TRADE IN \$ _____

Model No _____

Delivery Date _____

Remarks _____

BID BOND MUST BE FOR THE HIGHER AMOUNT

* * * * *

The Specifications are hereby made a part of this Proposal.

ONLY FIRM BIDS WILL BE ACCEPTED.

There is submitted herewith (certified-cashier's) Check drawn on _____ Bank
of _____ as bid security. In lieu of check described above, we are submitting a
Bid Bond issued by _____ a Surety authorized to do business in the State of South
Dakota, for 10% of the amount of the total bid.

Dated December _____ 2025

Signature

Date