

Madison Metropolitan Sewerage District



1610 Moorland Road • Madison, WI 53713-3398 • P: (608) 222-1201 • F: (608) 299-2129

Advertisement for Bids: Non-Construction

Pneumatic Ejector Purchases

Advertised starting Tuesday, June 2 for a minimum of two consecutive weeks using VendorNet.

Specifications are available by visiting the District website

at: <https://www.madsewer.org/contracting-center/>

The Madison Metropolitan Sewerage District requests bids for its Pneumatic Ejector Purchases. Bid documents are linked below. Sealed bids will be accepted until 11:00 am, local time, Tuesday, June 23, 2026, at the District office, 1610 Moorland Road, Madison, Wisconsin 53713. At this time and place, all bids will be publicly opened and read aloud. Any questions should be directed to Brady Lessner at 608-709-1848 or rfp@madsewer.org.

Bids shall be addressed to the Madison Metropolitan Sewerage District, Attn: Brady Lessner, and should be clearly marked "Pneumatic Ejector Purchases."

Only formal written addenda can materially alter the specifications. No verbal statement made by a District employee or anyone else is binding, nor shall such a statement be considered an official part of this public bid. All bid responses and their contents will be public records.

Unless otherwise specified in the bidding documents, the prospective bidders should check our website for any addenda 72 hours before the scheduled bid deadline.

The District is federal and state tax-exempt. The District reserves the right to reject any or all Bids or to waive any technicality and accept any Bid which may, in its opinion, be advantageous to the District.

Any questions may be directed to:
Brady Lessner
Maintenance Project Specialist
Madison Metropolitan Sewerage District
1610 Moorland Rd
Madison, WI 53713
608-709-1848
rfp@madsewer.org

Published by authority of the Commissioners of the Madison Metropolitan Sewerage District. By
Bradley J. Murphy, Secretary

Bid Documents



BID FORM A:

Pneumatic Ejector Purchases

<p>Return To: Madison Metropolitan Sewerage District 1610 Moorland Rd. Madison WI, 53713 Attn: Brady Lessner</p>	<p>Title: Pneumatic Ejector Purchases Date Issued: Tuesday, June 2 Project manager: Brady Lessner Telephone: 608-222-1201 EXT 281 Email: <i>rfp@madsewer.org</i></p>
<p>BIDDER:</p>	<p>Submit Bid by 11:00 am, local, Tuesday, June 23, 2026 Today's Date: May 18, 2026</p>

	Specification	Price Per Unit or Number	Total
<p style="text-align: center;">2</p>	<p><u>Pneumatic Ejector:</u> Carter Pump Model EJ-150s-ZN Pneumatic Ejector, or approved equal specified as follows:</p> <p>- 150 gallon simplex units. Rated at 150 GPM @ 20 feet TDH. The sewage receivers shall be capable of handling raw sewage. All openings shall be large enough to pass spheres 3-inches in diameter and any trashy or stringy material which is able to enter and travel through the inlet piping. The pneumatic ejector system shall include but not be limited to the following items: Cast iron sewage receiver, control air storage tank, main air manifold, flush air assembly, gate valves, check valves, and all required appurtenances. All parts of the equipment shall be designed for long, continuous, and uninterrupted service. The main components of the ejector shall be warranted in writing by the Manufacturer for a minimum of 30 years against defects in materials and workmanship.</p> <p><u>Sewage Receiver Pots</u> - Closed grain cast iron stamped for 75 PSI working pressure and hydrostatic tested at 110 PSI. Commercially sandblasted to SPC-6 inside and outside. Inside surface shall be painted with one coat of Koppers Bitumastic Black at 3 to 4 mils DFT. Outside surface shall be painted with Tnemec #66 primer at 3 to 4 mils DFT. Inlet and discharge openings to have ASNI standard flange located 180 degrees apart with a hand hole and cover on top</p>		

with a strainer. 14-inch manhole in the top, fitted with a removable cover, which shall seal it precisely and tightly against air and water leakage. The cover plate should be provided with an NPT airline connection in the removable cover for the compressed air entrance into the pot.

Valves and Fittings

- The inlet and discharge sides of each ejector pot shall be equipped with flanged gate valves. The gate valves shall be 6-inch with cast iron body, of double disc, tapered seat construction, operated by a non-rising stem. All exposed nuts, bolts washers and other fastening devices supplied with the units shall be stainless-steel. The bolts will be 304 stainless-steel and the Nuts and Washers will be of 316 stainless-steel.

Check Valves

- The inlet check valves shall be 6-inch designed specifically for operation on pneumatic sewage ejectors, cast iron bodies, bronze flaps, and stainless-steel pins, reverse bend type having rectangular flaps and seats with a minimum 3,150 cubic inches allowing the passage of trash and solids that could hang-up on the flappers of conventional check valves, shall have a removable cover allowing access to the valve internals, the outside surface shall be painted with Tnemec # 66 Blue primer 3 to 4 mils thick, and be covered under the conditional 30-year manufacturer warranty. The discharge check valves shall be designed specifically for operation on pneumatic sewage ejectors and are to be fitted with a removable hand hole cover to allow access to the valve internals without disturbing system piping, shall have a minimum of 1,760 cubic inches for the 6-inch fittings, the outside surface shall be painted with Tnemec # 66 Blue primer 3 to 4 mils thick.

Ejection Control

- The control of the pneumatic sewage ejector shall be entirely mechanical, shall consist of an open cast iron upper bell float and lower weights, suspended on a 3/4" diameter stainless steel float rod. A non-adjustable, non-lubricated, non-split mechanical type seal shall be provided in the ejector pot cover for sealing the hole through which the float rod passes. The seal shall be a labyrinth type consisting of three neoprene rings, each having a W-type cross section and held in place by an easily removable seal retainer. A suitable linkage and lever system shall be provided to transmit the movement of the float rod to activate a pilot valve mounted on the ejector pot.

Linkage pins shall be 3/4" diameter stainless steel and shall be provided with grease lubricated bronze bushings.

Flush Air Assembly

- Each of the pneumatic sewage ejector system shall include one (1) flush air assemblies consisting of a three-way, pneumatically operated piston valve, with a bronze body, bronze piston and stainless- steel rod connecting the pistons and bronze end caps furnished with each ejector pot to control the flow of air during and after ejection. Each pot shall be provided with a 3-inch air exhaust vent line. The complete flush air assembly shall be galvanized piping; bronze isolating valves, unions and factory assembled.

Main Air Manifold

- Each pneumatic ejector shall be furnished with a main air manifold assembly which is to be provided to regulate the air supply and to ensure proper operation of the sewage ejector system. The main air manifold shall include a bronze body air pressure regulator with cast bronze seats, stainless steel stem, and neoprene seating disc with neoprene "O" rings on the cast bronze piston. The main air manifold shall have upstream and downstream pressure gauges, filter, strainer, safety valve, globe ball valves, automatic moisture trap, and galvanized piping. The main air manifold assembly shall be factory assembled and tested.

Control Air Manifold

- Control air manifold shall be provided at each of the air station to store a volume of air that will ensure the operation of the valves in the event of a drop in air pressure. The control air manifold shall consist one (1) 3-Gallon steel air receiver tank in accordance with ASME Boiler and Pressure Vessel Code for unfired pressure vessels Section VIII, Division 1, with flanges and screwed inlet and outlet connections required. The air receiver tank shall display an ASME seal stamp for 200 PSIG working pressure. The control air tank shall include a bronze body air pressure regulator with cast bronze seats, stainless steel stem, and neoprene seating disc with neoprene "O" rings on the cast bronze piston with upstream and downstream pressure gauges, filter, strainer, safety valve, gate valves, automatic moisture trap and galvanized piping. The control air manifold assembly shall be factory assembled and tested to facilitate installation.



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Bid:

1. To provide two (2) new pneumatic ejectors and all other appurtenances for:

2 pneumatic ejectors at \$_____ /each Extended amount \$_____

Company name: _____

Company address: _____

Company phone: _____

Authorization signature: _____

Printed name: _____

Addendum # _____

Bids will be received until *11:00 am, local time, Tuesday, June 23, 2026*

Date and time received: _____

1.0 PURPOSE AND SCOPE

The Madison Metropolitan Sewerage District invites and will accept bids for the purchase of two (2) pneumatic ejectors as specified above. MMSD intends to use the results of this process to award and issue a purchase order for the winning bid as a lump sum.

2.0 CORRESPONDENCE, CLARIFICATIONS AND QUESTIONS

Bidders are expected to raise any questions, exceptions or additions they have concerning the bid document by June 16, 2026. If a bidder discovers any significant ambiguity, error, conflict, discrepancy, omission, or other deficiency in this request for bid, the bidder must immediately notify the Project Manager named on the cover page of the issue in writing and request modification or clarification of the bid document. All inquiries must be directed to the person indicated on the cover page. E-mail is the preferred method of contact.

3.0 ADDENDUMS

In the event it becomes necessary to clarify any part of this request for bid, or to revise any part of this RFB, the Project manager will send out an official addendum to all potential bidders. Bidders must acknowledge the receipt/review of any addendum(s) on the Bid Form A as declared on the issued addendum. The Project manager has the sole authority for modifications of these specifications.

4.0 BIDDER QUALIFICATIONS & REQUIREMENTS

All Bidder qualifications in this section are mandatory. Failure to meet a qualification may disqualify your Bid. However, the Procurement and Contracts Agent reserves the right to waive any qualification if no Bidder can satisfy that qualification.

- 4.1 Bidder must be in the business of providing Pneumatic Ejectors for at least the past three (3) years. (See Bidder Response Sheet Attachment C)
- 4.2 Bidder must provide a written warranty providing assurance that manufactured parts are in brand new condition and free of defects in quality or workmanship.
- 4.3 Bidder must be able to deliver the pneumatic ejectors within 16 weeks of award.

5.0 METHOD OF BID

Bidder must use the Request for Bid form (Bid Form A) and must submit a Lump Sum, and guaranteed days from order placement to delivery. Bids will be accepted only for fixed costs as requested. All prices must be bid in U.S. Dollars. Bidder's own quotation sheet will not be accepted.



6.0 INVOICING REQUIREMENTS

Contractor shall invoice after materials are shipped. MMSD will pay or reject invoices within 30 days of receipt by MMSD. Only properly submitted invoices shall be officially received for payment. Thus, your prompt payment requires that your invoices be clear and complete in conformity with the instructions below.

All invoices must be itemized showing.

- a. Purchase Order number
- b. Contractor name
- c. Remit to address and telephone number
- d. Contract price(s) and detail of what is being billed
- e. Emailed to acct@madsewer.org

7.0 METHOD OF AWARD

Award(s) shall be made based on the lowest **lump sum bid** from a responsive, responsible bidder who meets all specifications. MMSD will award one (1) Bidder whichever is judged to be in the best interest of the MMSD. MMSD is the sole determinant of its best interests.

8.0 REQUIRED FORMS

For your bid to be considered, the following completed documents must be provided. An “X” preceding the form indicates that it must be completed and returned with the Bid response by the due date and time listed on the bid cover page, for your bid to be considered. Failure to provide the required documents/information within your bid submittal may disqualify your bid.

Include:

X	Bid Form A, Cover (Signature) /Cost Pages	
X	Bidder Response Sheet	Attachment C

9.0 EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS

In connection with the performance of work for this project and under the related contract, the Bidder agrees not to discriminate against any employee or applicant for employment because of age, race, religion, color, disability, sex, national origin, sexual orientation, gender identity, or other status protected by law. This provision shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

10.0 CONFIDENTIALITY

Subject to Wisconsin's Public Records law, any data or other information regarding the District's customers, operations, or methods obtained by the Contractor during the course of the project shall remain confidential and shall not be released to third parties without the express written consent of the District.

11.0 USE, DISCLOSURE, and CONFIDENTIALITY of INFORMATION

The information supplied by a Bidder as part of an RFB response will become the property of the District. Bids will be available to interested parties and other requestors in accordance with the Wisconsin Public Records Law. None of the Bid responses will be made available to the public until after negotiation and award of a contract or cancellation of the procurement.

To the extent allowed by law, the District will treat trade secrets as confidential (if designated as confidential and submitted separately in a sealed envelope). If a Bidder wishes for a Bid to remain confidential, the Bidder must, before submitting a Bid, establish to the District's satisfaction that the Bid be given confidential status. The District reserves the right to make any final disclosure determinations in accordance with the law. (Note: Pricing information will not be considered confidential.)



BIDDER RESPONSE SHEET. RFB Pneumatic Ejector Purchases

ATTACHMENT C

Bidders must submit the following table with a response **in the form of a check** in one box for each criterion indicating “Yes” or “No.” A check indicating “Yes” certifies that the Bidder is fully capable of providing the service or qualification described. **Bids without a response for each requirement or “No” will be rejected.** Awarded vendor must be able to answer “Yes” to all requirements.

QUALIFICATIONS AND REQUIREMENTS

Section	Requirement Description	YES, I <u>can</u> meet this requirement	NO, I <u>cannot</u> meet this requirement
4.1	Bidder must be in the business of providing pneumatic ejectors for at least the past three (3) years.	<input type="checkbox"/>	<input type="checkbox"/>
4.2	Bidder must provide a written warranty providing assurance that manufactured parts are, compatible with our application, in brand new condition and free of defects in quality or workmanship.	<input type="checkbox"/>	<input type="checkbox"/>
4.3	Bidder must be able to deliver the pneumatic ejectors within 16 weeks of award.	<input type="checkbox"/>	<input type="checkbox"/>

Specify the Product Name and Product # (if applicable for the RFB response)

Product Name: _____

Product Part Number _____

I certify that the information I have provided in this bid is true, and I understand that any false, misleading, or missing information will disqualify the bid.

Company Name: _____

Bidder’s Name and Title: _____

Bidder Signature: _____

Date: _____

Signature of authorized MMSD Employee:

Printed Name:

Date: _____