

INVITATION TO BIDDERS

HAMILTON COUNTY

Lake Pleasant, New York 12108

Notice is hereby given that sealed proposals will be received by the undersigned for the purchase of:

Specification No. 10-2025 – OPEN TOP EJECTOR TRAILERS

All bids must be delivered to:

**Clerk of the Board of Supervisors
Hamilton County Court House
PO Box 205, 102 County View Drive
Lake Pleasant, New York 12108**

before 10:30 a.m. on Tuesday, **July 29, 2025**, and will be publicly opened and read in the Conference Room of the Hamilton County Board of Supervisors shortly thereafter.

The successful bidder will be required to execute a contract.

The Department reserves the right to reject any and all bids.

Tracy J. Eldridge
County Highway Superintendent

Tracy J. Eldridge
Superintendent/ Fleet Coordinator

DATE OF BID: July 29, 2025

BIDDERS ARE REQUESTED TO RETAIN THIS SPECIFICATION
FOR FUTURE REFERENCE IN CONNECTION WITH ITEMS LISTED HEREIN

GENERAL INFORMATION

We would like to have your suggestions as to contract period, purchasing terms, detailed specifications, etc., which you believe to be in the best interest of the County. Please send your suggestions to this Department prior to the date of the bid opening indicated upon the proposal. In reply, kindly refer to this Item and the Date of Bid.

If no suggestions are offered, we shall assume that the signing of the proposal is your acceptance of the terms provided herein.

ENVELOPES: Bid envelopes shall be so marked on the outside with the Specification No. and the Date of Bid.

INFORMATION TO BE FURNISHED WITH BID: Bidder must submit with bid detailed specifications, circulars, and all necessary data on equipment he/she proposes to furnish. If equipment offered differs from the provisions contained in this specification, such differences must be explained in detail and bid will receive careful consideration if such deviations do not depart from the intent of this specification and are in the best interests of the County DPW as interpreted by the County Highway Superintendent.

PRICE: Price quoted shall be net and shall include delivery of new equipment, all transportation and delivery charges prepaid to the points of delivery fully equipped as specified.

TAXES: Purchases by the County of Hamilton are not subject to any sales or Federal excise taxes. Exemption certificates are not required for municipalities. The County of Hamilton is also exempt from the transportation tax and no exemption certificates are required for this tax. There is no exemption, however, for Social Security, Unemployment Insurance, and like taxes.

EXTENSIONS: As per New York State General Municipal Law, all political subdivisions are allowed to make purchases through this contract and the terms of this contract shall be extended to all the Municipal Subdivisions of New York State while it is in effect with Hamilton County. Upon cancellation by either party in writing, the contract is likewise no longer valid with the municipal subdivisions.

HAMILTON COUNTY
DPW
Lake Pleasant, NY 12108

SPECIFICATION NO. 10-2025
ITEM: Steel Open Top Ejector Trailers

Tracy J. Eldridge
Superintendent/ Fleet Coordinator

DATE OF BID: July 29, 2025

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GENERAL INFORMATION (continued)

QUANTITIES: Quantities listed are for Hamilton County only.

AWARD: Equipment listed is for use by the County DPW and must meet the requirements of that agency as interpreted by the County Highway Superintendent. The superintendent reserves the right to accept minor discrepancies from the specifications if they are noted and if the superintendent feels it is in the best interest of the Hamilton County DPW to do so. Equipment is required immediately and guaranteed date of delivery will be taken into consideration in making the award.

The End

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Superintendent/ Fleet Coordinator

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STEEL OPEN TOP EJECTOR TRAILER SPECIFICATIONS

1.0 GENERAL

1.1 Description:

- 1.1.1 Under this Section, the Contractor shall furnish and deliver complete and operational Open Top Steel Ejector Transfer Trailer(s) as specified and directed. Quantity shall be as actually ordered by the Hamilton County DPW Superintendent. The County will be ordering one (1) trailer.
- 1.1.2 General trailer dimensions shall be as follows:
 - 1.1.2.1 Length Overall: 45' -0"
 - 1.1.2.2 Width Overall: 96"
 - 1.1.2.3 Height Overall 12' -6"
(based on a 49" fifth wheel setting)
 - 1.1.2.4 Inside Width 86"
 - 1.1.2.5 Inside Height 100"
 - 1.1.2.6 Capacity: 90 cubic yards (minimum)
- 1.1.3 The equipment delivered shall comply with all applicable rules and regulations of the New York State Department of Motor Vehicles to include meeting NYS Inspection requirements and shall be equipped with the safety standards currently required by the Federal Motor Vehicle Standards established by the National Traffic Safety Agency.

1.2 Submittals:

- 1.2.1 The Contractor shall submit three (3) copies of the manufacturer's specifications and fabrication drawings for equipment to be supplied under this Section.

2.0 PRODUCTS

- 2.1 Trailer Construction: Each trailer shall be a Steel Open Top Ejector (Pushout) current production model (no prototypes) with a minimum 90 cubic yard capacity. The trailers shall be designed to withstand the maximum payload and repetitive ram forces exerted without developing stress cracks, fatigue cracks, or excessive deflection. All welds shall be continuous (skip welding is not acceptable).
- 2.2 Trailer Body:
 - 2.2.1 The walls of the unit shall be 3/16" AR 450 minimum.
 - 2.2.2 The sidewalls shall be reinforced by 6" wide x 10 Gauge steel on 18" center. All wall columns must sit on the top of each floor cross member.
 - 2.2.3 The top rail of the trailer shall be a 6" x 4" x 1/4" Steel Structural tube.
 - 2.2.4 The rear post of the trailer side wall shall be an 4"x 3"x 3/8" steel structural tube.

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DETAILED SPECIFICATIONS (continued)

- 2.2.5 The floor shall be 3/16" minimum steel AR 450.
- 2.2.6 The trailer floor shall be supported by 4" Junior I-Beam minimum 12" on center.
- 2.2.7 The trailer shall be furnished with a 1/4" 6061-T6 aluminum rub rail.
- 2.2.8 The trailer floor shall be supported by two (2) 10" x 17# I-Beam properly reinforced and shall run to the landing gear. These will provide support for the suspension as well as the landing gear.
- 2.2.9 The trailer shall be equipped with a push/pull bumper mounted directly on the main frame, providing stability to the unit in case it is pushed or pulled by another. The push/pull bumper shall comply with the most recent federal guidelines for under-ride protection.
- 2.2.10 Push bumper to have center pin to allow for pulling of unit.
- 2.2.11 Triple row of box bracing shall be installed on the rear six posts of trailer for added strength.
- 2.3 Rear Door:
 - 2.3.1 The rear door shall be one-piece type constructed of 3/16" Steel AR450 frame. The door shall have weld-on hinges located on the curb side. Live hinges shall have grease fittings.
 - 2.3.2 The door shall be equipped with a ratchet cam lock mechanism and shall be provided with a safety chain and safety chain hooks on both the left and right side of the walls.
- 2.4 Ejector Assembly:
 - 2.4.1 The ejector assembly shall be designed to completely discharge the full load in one sweep in a maximum time of three (3) minutes. Retraction of the ejection assembly shall be less than two (2) minutes.
 - 2.4.2 The ejector shall be operated from the trailer and be on the driver's side of the tractor to which the trailer is hooked.
 - 2.4.3 The face plate of the ejector shall be 10-gauge high tensile steel and shall be backed by a 3" structural channel with one 6" I-beam vertical post on each side of the ejector assembly.
 - 2.4.4 The ejection assembly shall be guided the entire length of the trailer in a guide track welded to the upper and lower walls and reinforced with a cleaner plate installed on a 45% angle.
 - 2.4.5 The ejector assembly will travel on replaceable UHMW plastic slides which shall be mounted to a 4" x 4" x 1/4" tube welded to each side of the ejector assembly.

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DETAILED SPECIFICATIONS (continued)

- 2.4.6 The ejector faceplate shall be covered with plastic that is bolted to the sides and to the doghouse assembly.
- 2.4.7 The bulkhead shall be equipped with an access door in the center of the lower assembly to facilitate access to the electrical and hydraulic lines.
- 2.5 Ejector Ram:
 - 2.5.1 The ejector assembly will be activated by one double-acting 5-stage telescopic cylinder and have a 480" stroke.
 - 2.5.2 The cylinder will be capable of exerting a minimum of 85,000 pounds of thrust.
 - 2.5.3 The cylinder shall be mounted to the front of the trailer by means of a 1" plate with 1" side plates tied into an 8" I-beam which extends from side to side of the trailer.
 - 2.5.4 A moving mid-cylinder support shall be provided to prevent the cylinder from sagging while ejecting the load. The support shall travel within the floor guide and mounted to replaceable plastic shoes. Oversized packing glands or long pistons shall not be used to provide support for the ejector cylinder.
 - 2.5.5 The ram shall be chrome-plated to prevent rust formation.
- 2.6 Hydraulic System:
 - 2.6.1 The operating power shall be provided by a wet kit, valve, pump, and controls mounted on the road tractor (by others).
 - 2.6.2 Hydraulic fluid to the cylinder shall be provided through a 3-line system: one 1" pressure line and two 1-1/4" return lines.
 - 2.6.3 The trailer shall be equipped with hydraulic fittings and hoses on the front of the trailer.
- 2.7 Kingpin and Plate:
 - 2.7.1 The trailer shall be equipped with a 2-7/8" diameter multi-cross kingpin. The pin shall be welded to a tubing frame and not to the kingpin plate.
 - 2.7.2 The kingpin plate shall be 36" on a 3/8" pin plate steel.
- 2.8 Axles and Suspension:
 - 2.8.1 The trailer shall be equipped with Reyco 21-B 52,000# Capacity suspension or equal.
 - 2.8.2 The trailer shall be equipped with two (2) 25,000-pound capacity axles 5" round, 5/8" wall having 16.5" x 7" heavy duty brakes complete with automatic slack adjusters.

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DETAILED SPECIFICATIONS (continued)

- 2.8.3 The trailer shall be equipped with 22" diameter 10-hole hub-piloted aluminum wheels.
- 2.8.4 The trailer shall be equipped with 11Rx24.5-14 ply tires mounted on 8.25 x 24.5 aluminum rims.
- 2.8.5 The trailer shall be provided with rubber mudflaps on the front and rear of suspension and trailer.
- 2.8.6 The trailer shall be equipped with an Anti-Lock Braking System on at least one axle.
- 2.9 Landing Gear:
 - 2.9.1 Two (2) speed retractable landing gear shall be provided for forward support of the trailer when not coupled to the tractor. The landing gear shall be diagonally braced for stability and equipped with pad-type feet to prevent movement and retard settling. The landing gear shall be capable of supporting a static load of 180,000 pounds and have a lifting capacity of 50,000 pounds with 100 pounds of input.
- 2.10 Lights and Reflectors:
 - 2.10.1 The trailer shall conform to the most recent Federal Motor Vehicle Safety Standard.
 - 2.10.2 The trailer lighting and electrical system shall be 12-volt system with 7-way ATA connector located on the trailer front. All wiring shall be sealed in plastic conduit and waterproof junction boxes.
 - 2.10.3 The trailer shall have a minimum of three marker lights, top and bottom, each side.
 - 2.10.4 The trailer shall have a mid-mount turn signals mounted in brackets located mid-body.
 - 2.10.5 The trailer shall have light emitting diode (LED) lights with a light shield and shall be round.
- 2.11 Painting Procedure:
 - 2.11.1 The trailer steel parts shall be thoroughly cleaned of all dirt and grease. Weld slag and corrosion shall be removed with a wire brush.
 - 2.11.2 A minimum 1.5 mil thickness of primer shall be applied to all steel parts.
 - 2.11.3 A minimum 1.5 mil thickness of finish coat enamel shall be applied to all steel parts.
- 2.12 Mudflaps:
 - 2.12.1 Mudflaps shall be located ahead and behind the suspension and in front of the trailer.
- 2.13 Ladders and Catwalks:

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DETAILED SPECIFICATIONS (continued)

- 2.13.1 A rung-style ladder shall be provided on the outside of the driver's side of the bulkhead.
- 2.13.2 A minimum of four (4) 10" wide cast aluminum steps shall be provided up the inside of the bulkhead.
- 2.13.3 A minimum of eight (8) 10" wide cast aluminum steps shall be provided up the outside center of the tailgate and shall bolt on.
- 2.13.4 An 18" wide catwalk shall be provided 3' -0" below the top sill on the front of the trailer to facilitate placement of a cover over the top of the trailer.
- 2.14 Trailer Cover:
 - 2.14.1 A roll top flexible cover shall be provided to cover the top of the trailer. Aero T-5 manual or equal.
 - 2.14.2 The roller for the roll top cover shall be located on the driver's side of the trailer.
- 2.15 Spare Tire Carrier
 - 2.15.1 One spare tire carrier shall be provided.
- 2.16 Acceptable Manufacturers
 - 2.16.1 The trailers shall be manufactured by a company that has built open top ejector trailers for a minimum 20 years and be within a 500 mile radius of Hamilton County, New York for serviceability.
- 3.0 EXECUTION
 - 3.1 Delivery:
 - 3.1.1 The Contractor shall include in bid price delivery of all trailers meeting the Specifications herein and the quantity as ordered by the Hamilton DPW Superintendent to the Hamilton County DPW Garage located at 2558 State Rte. 8, Lake Pleasant, Hamilton County, New York, to the attention of Ben Eldridge, Maintenance Supervisor, phone 518-548-7141.
 - 3.1.2 Delivery shall be made as soon as possible and guaranteed date of delivery will be taken into consideration when making award.
 - 3.2 Warranty:
 - 3.2.1 Each trailer shall be warranted for a minimum of one year on the entire unit, excluding tires or standard manufacturer's warranty whichever is longer.
 - 3.2.2 Tire manufacturer's standard warranty shall apply to tires.

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4.0 MEASUREMENT AND PAYMENT

4.1 Measurement:

4.1.1 Measurement for the Open Top Steel Ejector Transfer Trailer shall include the cost of all materials, equipment, labor, delivery, and submittals for the equipment listed herein.

4.2 Payment

4.1.2 Payment will be made at the applicable price stated in the Bid within 45 days following satisfactory delivery of operational trailer(s) and appropriate paperwork including completed IRS Form W9.

PARTS AND SERVICE: BIDDER MUST BE AN AUTHORIZED DEALER FOR PRODUCT THEY ARE PROPOSING AND HAVE AN ESTABLISHED FACILITY TO PERFORM ALL PARTS AND SERVICE FUNCTIONS WITHIN A 500 MILE RADIUS OF HAMILTON COUNTY, NEW YORK.

BID OPENING: All bids must be delivered to the **Clerk of the Board of Supervisors, Hamilton County Court House, 102 County View Dr., PO Box 205, Lake Pleasant, NY 12108, before 10:30 a.m. on July 29, 2025, and will be opened and read in the Conference Room of the Hamilton County Board of Supervisors shortly thereafter.**

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PROPOSAL

BIDDER NAME _____

ADDRESS _____

SIGNATURE _____ TITLE _____

Printed copy of above signature _____

E-Mail Address: _____

Telephone: (____) _____

Fax: (____) _____

This department would appreciate your cooperation in making careful study of the specifications and proposal for the purpose of offering suggestions as to contract period, quantities, purchasing terms, detailed specifications, trade customs etc., which you believe to be in the best interest of the County.

By having our forms reviewed, the Department is of the opinion that closer cooperation will be developed between prospective bidders and this office.

We would like to have your suggestions prior to the date of the bid opening indicated in the proposal. In reply, kindly refer to this Item and the Date of Bid Opening.

If no suggestions are offered, we shall assume that the signing of the proposal is your acceptance of the terms provided herein.

QUOTATION

TWO (2) NEW OPEN TOP EJECTOR TRAILERS: \$ _____

GUARANTEED DELIVERY DATE: _____

PRICE GUARANTEED UNTIL (DATE): _____

Signature above guarantees that the item delivered at this bid price meets all specifications herein described with any differences explained in detail. Payment will be made within 45 days following receipt of satisfactory equipment and properly executed invoice.

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NON-COLLUSIVE BIDDING CERTIFICATION

By Submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under the penalty of perjury, that to the best of knowledge and belief:

1. The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor:

2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and

3. No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

Date _____

Signature

Printed copy of above signature

Title

Firm Name

Address

City

State

Zip

Telephone

Fax

E mail Address