

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. 2-2025

ROAD WIDENER – LOADER MOUNTED

Specifications will be furnished at the office of the undersigned between the hours of 8:30 a.m. and 4:30 p.m.

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 January 28, 2025**, and will be opened and read in the Chambers 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 or all bids.

Tracy J. Eldridge, Superintendent
Hamilton County DPW

Tracy J. Eldridge
Superintendent/ Fleet Coordinator

DATE OF BID: 1/28/2025

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 Bid Specification 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 Issue.
- INFORMATION TO BE FURNISHED WITH BID:** Bidder must submit with bid detailed specifications, circulars, and all necessary data on equipment he 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.
- 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

Tracy J. Eldridge
Superintendent/ Fleet Coordinator

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ROAD WIDENER LOADER MOUNTED

It is the intent of these specifications to describe a new, current model 2025 Midland Model SA or equal standard production diesel powered. All bidders must indicate, in detail, where they deviate from the specifications. Failure to do so can result in rejection of bid. Specification sheets must be supplied with bid.

General:

The widener must be a new and unused 2025 model, diesel powered that attaches to John Deere 624 wheel loader. Equipment shall be completely assembled and ready for operation. The widener shall comply with all applicable State and Federal requirements, regulations and motor vehicle laws.

DETAILED SPECIFICATIONS

ATTACHES TO

- 624 John Deere Wheel Loader

USED WITH

- All types of aggregates and hot asphalt

CAPACITY

- Variable to 450 tons per hour

SPREAD AND DISCHARGE

- Spread and discharge capability moveable right side to left side-with manual mechanical component changeover: right to left or left to right

WIDTH OF SPREAD

- Standard 1' to 6'; optional to 8'

DEPTH OF SPREAD

- 12" below to 12" above pavement

WEIGHT

- Not to exceed 6,000 pounds

OVERALL WIDTH

- Not to exceed 11'6"

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HOPPER

- Hopper frame shall be welded type with integrated hydraulically driven conveyor
- Opening for dump truck between hopper end panels shall be a minimum width of 9'8"
- Hopper bib shall be 3/4" thick rubber bolted to a 1/2" thick steel bumper plate to prevent material spillage and retain material above conveyor
- Capacity of the hopper shall be 3 cubic yards

PUSH ROLLERS

- Rollers must be self-cleaning and oscillating type to maintain proper truck alignment.
- Rigid rollers not acceptable
- Push roller frame must be extendable (14" travel) to match with various types of trucks

CONVEYOR

- High torque hydraulic motor mounted on drive pulley shaft.
- Motor shall be movable to the opposite end with minimal effort
- Motor shall be reversible by interchanging 2 hydraulic hoses
- Belt Conveyor belt must be 18" wide positive drive type to eliminate slippage and wandering under load
- Belt shall consist of two (2) drive chains bolted to each edge of the heat and oil resistant two (2) ply
- Belt splice shall be bolted hinged type stainless steel

PULLEYS DRIVE

- Pulleys shall be identical at each end of the conveyor so that belt can be driven from either end without changing the pulleys
- Each pulley shall have two (2) drive sprockets for driving the positive drive conveyor
- Conveyor idlers shall be ball bearing type
- Conveyor must be supported by a minimum of 30 rollers to reduce belt deflection and stress on the belt when starting under load
- Idlers shall be spaced on minimum 4" centers to properly support belt and minimize material leakage beneath sideboard

SIDEBOARDS

- Shall be adjustable and replaceable rubber type
- Mounting must be in a retainer for easy access and adjustment with removable steel plate covers for protection from hopper load

STRIKE-OFF BLADE

- 18" high Bull-Nose type blade
- Reversible with torque tubes for rigidity

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COLUMN

- Column tube shall be heavy duty for stability at wide widths
- Push bar shall be telescoping type with quick pins for fast set-up and changes
- Control of Strike-off height (grade) shall be hydraulically adjustable from operator panel
- hydraulic valves shall have automatic lock feature to maintain grade once set by operator
- Control of Strike-off slope shall be hydraulically adjustable from operator panel and use hydraulic cylinder for both positive and negative slope adjustment

INSIDE EDGE PLATE

- Inside edge plate shall be provided to keep paving material in front of the strike-off and away from the main road surface

OUTER EDGE

- Outer edge plate shall be provided to retain shoulder paving material within the desired width

HYDRAULIC VARIABLE WIDTH BLADE

- Hydraulic extendable blade section shall be provided which can extend up to an additional 12" by hydraulic control from operator's panel
- Extending blade shall lay material equally as well as the main blade sections with no noticeable difference

CASTER WHEELS

- Eight (8) wheels minimum shall be provided for maximum steering control
- Wheels are to be 16" diameter by 5" wide hard rubber type (pneumatic tires not acceptable) with full width roller bearing axle
- Four (4) caster frames shall be installed on the unit
- Each frame shall have two (2) wheels (one wheel per frame not acceptable)
- Caster pivot shaft shall be 3" diameter minimum heat-treated high strength steel
- Each pivot shall have dual (2) roller bearings and one (1) thrust bearing
- Mounting casters shall be mounted beneath the attachment for safety
- Wheels mounted in front of attachment are not acceptable

OPERATOR CONTROLS

- Single control panel shall be located next to operator platform
- All controls for widener and engine shall be on panel
- Engine shall have system for low oil pressure warning
- Operator platform shall be provided which mounts at the base of the strike-off blade.
- It shall be easily movable for right spread or left spread and protect the operator from trucks and drive unit
- Front mounted operator platform is not acceptable

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POWER

- Diesel engine shall be Kubota, water cooled, Tier IV type 24 HP
- Fuel system to have 15 gal. tank with filter.
- Controls to include: key switch, throttle, shutdown, low oil switch, maintenance-free battery

HYDRAULICS

- High pressure, closed loop, variable displacement hydraulic pump shall be provided to run belt up to 400 feet per minute
- Variable speed belt will be controlled by solenoid / relief valve
- Hydraulic cylinders shall be double acting through individual manual actuated relief valves
- Hydraulic tank shall have suction and return line filtration
- Replaceable filters shall be spin-on type

PAINT

- Paint shall be high visibility orange with reflective striping for maximum nighttime and roadside visibility
- One (1) coat of rust inhibitive primer and two (2) coats of high-quality enamel must be professionally applied to all parts of the attachment (excluding engine)

One of the items below shall be required to fit to the prime mover

GRADER LIFT GROUP

- Lift group shall bolt to existing holes in grader front plate
- All arms shall be heavy duty with bushing on all lifting pins for protection
- Tube type arms are required
- Lift shall be provided by 5" diameter hydraulic cylinder
- All lifting power must be provided by widener attachment
- Lifting the attachment via grader scarifier is unacceptable
- Controls for lifting shall all be located at the attachment operator panel

LOADER ADAPTER

- A specially designed pin-on bracket OR quick coupler (female) shall be supplied to fit the specified

HAMILTON COUNTY
DPW
Lake Pleasant, NY 12108

SPECIFICATION NO. 2-2025
ITEM: Road Widener – Loader Mounted

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Superintendent/ Fleet Coordinator

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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 100 MILE RADIUS OF COUNTY HIGHWAY GARAGE.

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 January 28, 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

ONE NEW ROAD WIDENER: \$ _____

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