

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. 4-2025 - PAVEMENT MARKING

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, **March 25, 2025**, and will be publicly 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 and all bids.

TRACY J. ELDRIDGE
County Highway Superintendent

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County Highway Superintendent

DATE OF BID: March 25, 2025

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

GENERAL INFORMATION

- TAX:** Purchases by the County of Hamilton are not subject to any sales tax. Exemption certificates are not required for government agencies.
- 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.
- PAYMENT:** Payments may take up to 45 days following receipt of properly executed signed vouchers with itemized invoices attached.
- PRICE:** Prices quoted shall be net as indicated in the proposal.
- QUANTITIES:** Any quantities listed are estimated only. It should be noted that the extension of this contract to the municipalities in Hamilton County may cause the estimated quantities to vary considerably. However, the contractor shall furnish all quantities actually ordered.
- AWARD:** Materials listed are for use by the County DPW and must meet the requirements of the agency as interpreted by the County Highway Superintendent.
- EXTENSION TO MUNICIPALITIES:** Terms of this contract will be extended to all the municipal subdivisions of Hamilton County 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 Upon cancellation by either party in writing, the contract is likewise no longer valid with the municipal subdivisions.
- EXTENSION OF CONTRACT:** The County reserves the right to extend the contract under the same terms and conditions for up to twelve months from date of expiration provided such extension is mutually agreeable to both the County and the Contractor.
- ENVELOPES SHALL BE SO MARKED:** Bid envelopes shall be sealed and marked on the outside with the Specification No. and Date of Issue. The County is not responsible for late or undelivered mail. If delivered after published time, bid will be returned unopened. Facsimile (Fax) bids or quotes are not accepted.
- BID OPENING:** The County of Hamilton will receive bids for Pavement Marking 2025 For the Hamilton County Department of Public Works until 10:30 a.m. on March 25, 2025 at the office of the Clerk of the Board of Supervisors, Hamilton County Court House, Lake Pleasant, New York, and said proposals will be publicly opened and read in the Conference Room of the Hamilton County Board of Supervisors shortly thereafter.

TRACY J. ELDRIDGE
County Highway Superintendent

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**PAVEMENT MARKING
PAVEMENT SYMBOLS**

DETAILED SPECIFICATIONS

GENERAL

All markings and patterns shall be placed in compliance with the provisions of the Manual of Uniform Traffic Control Devices. Prior to pavement marking work, a detailed schedule of operations is to be submitted to the Superintendent of Highways or his project representative for approval. All passing and no passing zones are to be engineered by a licensed Professional Engineer.

When pavement markings are to be applied under traffic, the Contractor shall provide all necessary markers, flags, signs and directions to traffic to protect both the painted markings and the traveling public. The Contractor will be responsible for removing all tracking marks, spilled paint, or paint applied in unauthorized areas, subject to the approval of the Superintendent.

The exact location where center or lane lines are to be applied to the pavement shall be made visible for the Contractor for the purpose of guiding his equipment. It shall be in the form of existing center line, lane lines or painted spots. Contractor shall include with his bid a price per mile for spotting centerline on new pavement surfaces. Provisions for any other means of guiding his equipment shall be the responsibility of the Contractor. Newly applied markings on previously striped sections shall coincide with the existing traffic markings.

The Contractor shall be responsible for cleaning the pavement of dust, dirt, old pavement markings, or other loose foreign materials, which may be detrimental to the adhesion of the paint. The Contractor shall furnish a power broom equipped with a power blower to be used wherever necessary for the pavement cleaning. Cleaning by air jets alone will not be allowed. The paint shall be applied only on thoroughly dry pavement surfaces and when the weather is otherwise favorable in the opinion of the Superintendent of Highways.

The Contractor shall advise the Superintendent of Highways or his designated inspector at least twenty-four (24) hours before any application work shall be done or before resuming application after any delay or postponement.

EQUIPMENT - STRIPING

Bidder shall submit with the bid a descriptive list of pavement marking and survey equipment proposed to be used for this contract. Pavement markings shall be applied with atomizing spray type striping machines of a type compatible with and suitable for the type of paint being applied.

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The paint unit shall be a truck mounted vehicle equipped with a minimum of two guns and capable of applying dashed centerline and "no-passing" barrier lines simultaneously. The paint unit shall be equipped with warning signs to warn oncoming traffic by means of a sequential flashing arrow capable of flashing left to right, right to left, or pass either side.

The paint unit shall be equipped with heat exchangers and heated and jacketed paint lines from the heat exchanger to the guns in order to maintain a minimum temperature of 100 to 170 F at the guns for a proper application. The paint unit shall be equipped with a pressure bead system to apply glass beads with a gun type dispenser to insure correct bead penetration and distribution. The paint unit shall be equipped with appropriate Flow Meters that will accurately measure, to the nearest gallon, the amount of paint applied. The paint unit shall be equipped with measuring devices that will measure the actual number of lineal feet of painted line applied by each gun. The paint unit shall be equipped with a pressure-regulated air jet capable of removing debris from the pavement in advance

of the spray guns, which shall be synchronized with the application of the marking material or remain on at all times.

The TABLE OF CONTENTS paint unit shall be operated by a driver, who shall steer the machine and perform no other function while applying the pavement markings, and an operator, who shall control the application of the paint.

APPLICATION

All traffic lines painted shall conform to the New York State Manual of Uniform Traffic Control Devices, with regard to color, width and spacing of lines. The painted traffic lines shall follow the centerline of the road; they shall be straight and true on tangents and uniform on curves.

All traffic lines shall be sharp, well defined and retroreflective. Line widths shall be within 1/4" of the widths specified. The Contractor shall be responsible for the one hundred percent (100%) reflectorization of all traffic lines. Should the painted lines not receive enough beads for the reflectorization required, or should fuzzy lines, excessive overspray or non-uniform application result, the Contractor shall be responsible for removing the rejected work and reapplying the markings at no cost to the County.

Edgeline striping shall be performed while the striping machine is traveling upon the pavement surface. At no time is it to travel upon the shoulder. Centerlines and edgelines are not to be painted simultaneously. Edgelines may vary and therefore must be re-traced by guiding off the right side of the applicator machine. Guiding edgelines off of the centerline will not be permitted. No work is to be performed between 3:00 pm Fridays to 8:00 am Mondays, nor from 3:00 pm on the day preceding a Holiday to 8:00 am the morning after the Holiday. Sundays and Holidays will not be allowed as workdays. There will not be any work performed after day light

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hours under any circumstances. Saturday work may be permitted at the discretion of the Superintendent of Highways.

QUALIFICATION OF BIDDER

No bid will be considered for award unless the firm submitting the bid can meet the following conditions:

- a. Each bidder shall submit with his bid, evidence that he has had at least five (5) years of satisfactory experience of survey engineering for location of passing or no-passing zones in accordance with the specifications.
- b. Each bidder shall submit, with his bid, a reference list of work which he has performed within the past five (5) years indicating the capability to properly execute work of the kind and class as required by these specifications, so that an acceptable and workmanlike job will result.
- c. Bidders shall submit evidence that they have a field complaint procedure program in effect, as well as documented on-site chemical spill worker guidelines and a contingency plan. Copies of these programs must be submitted with the bid.

MATERIALS, PAINTS

This specification covers rapid drying white and yellow pavement marking paints. All paint furnished by the Contractor shall meet or exceed the attached specification requirements. When a particular make or trade name is specified it shall be indicative of the standard required. Bidders proposing substitutes shall submit with the bid, to the Hamilton County DPW: 1. Written application with an explanation of why it should be considered. 2. Accredited Testing Laboratory Certificate comparing the substitutes physical/performance attributes to those specified. Only substitutes approved in writing by the Purchasing Department and the Superintendent of Highways will be considered. The County reserves the right to be the final authority in acceptance or rejection of any substitute. If approved, bidder assumes all liability with regard to timely delivery of product.

All Fast-Dry Waterborne traffic paint furnished by the Contractor shall be Aexcel Industries 72W-A042 white and 72Y-A047 yellow acrylic waterborne traffic paints.

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MATERIALS, REFLECTORIZED GLASS BEADS

All reflectorized glass beads that are supplied by the Contractor shall meet or exceed the NYSDOT Standard Specifications section 727-05.

CONTRACT AND PAYMENT REQUIREMENTS

The County Superintendent of Highways shall be given a daily report at the end of each work day, which shall show, for each road painted; beginning and ending point, length in miles, lineal feet of actual painted line applied, and gallons of paint and pounds of beads used. The striping machine operator shall verify all daily reports with the County Superintendent of Highways or his designated representative.

TIME OF OPERATIONS

It is anticipated that 30 – 50 miles of centerline striping shall be required. A few stop bars may be included. It is anticipated that two mobilizations will be required during the 2025 season. The first one to begin no later than July 1, 2025. The second one upon a call from the Superintendent or his agent that roads are ready.

APPLICATION OF FAST-DRY ACRYLIC WATERBORNE TYPE TRAFFIC PAINT

GENERAL

This work shall consist of applying retroreflective waterborne pavement marking materials in accordance with the requirements of Part 260, New York State Manual of Uniform Traffic Control Devices for Pavement Markings. The Contractor shall furnish all material, labor and equipment necessary for the required pavement preparation and application.

APPLICATION

All Fast-Dry Waterborne traffic paint shall be applied at the minimum rate of one (1) gallon for every three hundred twenty (320) feet of solid four (4) inch line. The same rate of application shall apply for skip or broken lines.

Glass beads for reflectorization shall be applied to all painted lines at the minimum rate of seven (7) pounds per gallon of paint for centerlines and six (6) pounds per gallon of paint for edgeline. Full width retroreflectivity must be obtained.

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All paint shall be applied at a temperature that will assure it to be track-free within one-hundred-eighty (180) seconds of application to the pavement. No painting shall be done when the pavement is wet or damp, or when the surface temperature is below forty-five (45) F,

All pavement edges that are to be edgeline painted shall be broomed by the Contractor before any paint is applied. Detail cleaning shall be as needed to the satisfaction of the Engineer. Cleaning by air jets alone shall not be acceptable.

The lead vehicle shall be equipped with a sign to warn oncoming traffic by means of a sequentially flashing arrow panel capable of flashing left to right, right to left, or pass either side. The painted lines shall be protected by a follow up vehicle equipped with a similar warning sign, traveling approximately 1,500 feet behind the applicator machine. The lead and trailing vehicles shall have signs announcing "WET PAINT" or "PAVEMENT MARKING CREW". The Contractor shall be responsible to repair any tracking of the applied lines.

PRICING

The bid price for Fast-Dry Waterborne application shall be based on a total cost per mile of centerline and a total cost per side mile for edgeline application. For bidding purposes and from prior experience of materials used, bids shall be based on the following:

- A. CENTERLINE APPLICATION: A cost per mile for application including 24 gallons of yellow paint and 168 pounds of reflectorized glass beads.
- B. EDGE LINE APPLICATION: A cost per side mile for application including 16.5 gallons of white paint and 99 pounds of reflectorized glass beads.

SPECIFICATIONS FOR FAST DRYING LATEX WATERBORNE TRAFFIC PAINT

SCOPE

This specification covers ready-mixed, fast drying, white and yellow Latex waterborne traffic paint for use on bituminous and Portland cement concrete pavements. Latex waterborne traffic paint supplied under this specification shall be designed for heated application.

SURFACE PREPARATION

Care should be taken to ensure that the surface is clean, dry and free of loose material. When applying over previously coated areas, however, take special care to remove any loose or peeling paint. Other surface conditions, such as areas with large amounts of engine oil build-up or existing epoxy coatings, may require a power washing procedure or abrading the surface

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before application of the paint. Use caution when striping over a freshly sealed surface. Sealers can affect the adhesion and cure of traffic marking paints. For more information on the surface, please consult with the supplier or applicator of the surface.

WEATHER CONDITIONS AND APPLICATION

Air temperature, surface temperature, humidity and the weather conditions following application are extremely important factors in the success of the products. These coatings are formulated to be applied without further reduction. They can also be used in conjunction with the application of glass beads to improve reflectivity without sacrificing other properties. Protect fresh lines from traffic until thoroughly dry. These, as well as all water-based coatings, should not be applied to surfaces less than 45 ° F, or when the relative humidity is greater than 80%. Evening and night applications will be avoided due to the cooler temperatures. At lower temperatures or higher humidity a significant amount of extra time will be needed for the paints to dry.

EQUIPMENT

Tip size, fluid pressure, atomizing air pressure, paint viscosity and paint temperature are all critical to the appearance, consistency, and performance of the paint. The equipment must be matched to the paint being applied in order to achieve the proper film thickness and coverage. When using a water-based product, the equipment must be made with stainless steel or some other material that will not react with the paint and cause application or storage problems.

PAINT SELECTION AND SAFETY

Protect these and all water-based coatings from freezing. Use only paint recommended or specified for each application. Shelter the containers when possible and avoid prolonged outside storage. Agitation of the paints by stirring or shaking should be performed in order to ensure uniform consistency, application and performance.

DRY TIME

The dry time of both the white and yellow fast dry acrylic waterborne traffic paints shall be as follows:

MAXIMUM DRY TIME	PAINT TEMP AT TIP
10 Minutes	77 ° F.
60 Seconds	130-145 ° F.

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COVERAGE

Approximately 320 linear feet of 4" line applied at 15 mils.

PAINT COMPOSITION REQUIREMENTS

The composition of fast drying latex waterborne paint shall be as follows:

WHITEYELLOW

VISCOSITY @ 77 ° F:	70-90 KU	70-90 KU
WEIGHT PER GALLON @ 77 ° F:	14.07 Lb.	14.2 Lb.
PIGMENT (% by weight):	61.2%	61.5%
TOTAL SOLIDS (% by weight):	78.2%	78.42%
VOLUME SOLIDS (%):	59%	59%
NON VOL. VEHICLE (% by weight of veh):	44%	44%
V.O.C. (Minus water)	0.74 Lb/Gal.	.74 Lb/Gal.

CLEAN-UP SOLVENTS: MIXTURE OF WATER AND MILD HOUSEHOLD
DETERGENT

PACKAGING

The paint shall be supplied in new, removable head 55 gallon drums conforming to the ICC specification 17H. The drum lids shall be fitted with suitable gaskets and locking rings to prevent skinning during storage. Unless otherwise agreed to by the purchaser and supplier, the drums shall be filled to 55 gallons, with volume measurements based on 77 ° F. Each drum shall be marked with tare, gross, and net weights, the equivalent net gallons, name and address of the supplier, product code and batch number.

CERTIFICATION

The Contractor shall submit with his bid certification from the paint manufacturer that all paint offered for purchase with reference to this specification, meets this specification. Failure to submit satisfactory paint certification at the time of the bid opening shall result in the immediate rejection of the bidder's proposal. Furnishing this certification does not relieve the Contractor from the responsibility to provide paint in full compliance with this specification.

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In the event that paint purchased under this specification is found not to comply with these specifications, the Contractor shall replace the paint with material that does comply, to include transportation charges, at Contractor's expense.

APPLICATION OF PAVEMENT SYMBOLS & LETTERS

Under this work, the Contractor shall furnish and apply pavement marking paints, including glass beads thereto, at the location and in accordance with patterns indicated on the project or as requested by the Engineer, and in conformance with these specifications.

All markings or patterns shall conform to the requirements of the New York State Manual of Uniform Traffic Control Devices.

Glass beads for reflectorization shall be applied to all painted lines at the minimum rate of seven (7) pounds per gallon of paint. Full width retroreflectivity must be obtained.

All paint shall be applied at a temperature that will assure it to be track-free within one hundred eighty (180) seconds of application to the pavement. No painting shall be done when the pavement is wet or damp or when the surface temperature is below forty (40) ° F.

All pavement areas that are to receive Symbols or Letters shall be broomed by the Contractor before any paint is applied. Detail cleaning shall be as needed to the satisfaction of the Engineer. When pavement markings are applied under traffic, the Contractor shall provide all necessary flags, markers, signs, etc., to protect the painted markings until thoroughly dry.

Painted pavement markings shall be applied with atomizing spray type striping machines and may be either truck mounted or hand operated. All equipment shall be compatible with and suitable for the application of the type of paint being used. Upon approval of the Engineer, paint rollers or brushes may be used for marking letters, symbols, stop bars, or cross walk areas. When rollers and brushes are allowed, markings shall have clean-cut edges, true and smooth alignment and a minimum uniform wet film thickness of 15 mil. Glass beads shall be applied to the wet paint film at the specified rate and in a manner suitable to the Engineer.

METHOD OF MEASUREMENT

Application of STOP Bars with Text, and Turn Arrows with Text shall be measured for each entire symbol with text. Measurement for 12" crosswalk borders and for channelization island hatching shall be for the square foot of material requested and applied, in accordance with the MUTCD. (i.e., a crosswalk across a 36' wide road section would be paid for as 72 linear feet of application.)

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**BID FORM
PAVEMENT MARKINGS**

COMPANY NAME: _____

Address: _____

Phone: _____ Email: _____

Owner/Agent: _____

Signature: _____

The undersigned being experienced and responsible for performance of the same, agrees to paint traffic lines on public highways in accordance with the specifications annexed hereto.

Mobilization Fee to mobilize into County \$ _____

WATERBORNE (15 mil)

Centerline application including materials per mile \$ _____

Edgeline application including materials per mile/per side \$ _____

Yellow traffic line paint per gallon \$ _____

White traffic line paint per gallon \$ _____

Reflectorized Glass Beads per pound \$ _____

PAVEMENT SYMBOLS & LETTERS

Hotline application including materials, stencils, etc

STOP BARS 18" Wide \$ _____ per foot

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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 his 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 Number

	FAX Number