

ALLEGANY COUNTY DEPARTMENT OF

PUBLIC WORKS

7 Court Street, Room 210

Belmont, NY 14813-1078

Telephone: 585-268-9230 Fax: 585-268-9648

NOTICE TO BIDDERS

The Allegany County Department of Public Works will receive sealed bids until 10:00 a.m., February 22, 2018. At that time, bids will be opened in Room 221, County Office Building, Belmont, New York on the following items:

1. Culvert Pipe & Bands
2. Galvanized Corrugated Steel Beam Guide Rail, Posts, Block-Outs and Back-Up Plates
3. Steel
4. Washed Crushed Gravel- Crushed Limestone
5. Highway Signs, Blanks and Posts
6. Bituminous materials
7. 1311 Calcium Chloride
8. Crushed Gravel, Screened & Bank Run Gravel
9. Stone Fill (Rip Rap)
10. Ready Mix Concrete, Flowable Fill and Concrete Blocks
11. Sand and Salt Mix
12. Rust Preventative Paint
13. Equipment Rental
14. Fiber Reinforced Bituminous Membrane Surface Treatment
15. Cold In-Place Recycled Asphalt Pavement
16. Pavement Markings

Specifications for the above listed items may be obtained on the Internet: Allegany County Website at www.alleganyco.com; click on Public Works Department. They are also available at the Office of the Superintendent of Public Works, Room 210, County Office Building, Belmont, New York. It shall be the responsibility of each bidder to contact this office to determine if an addendum has been issued.

The Allegany County Department of Public Works reserves the right to reject any or all bids and to accept the bid it determines to be in the best interest of Allegany County.

Upon mutual agreement of the parties, Allegany County reserves the right to renew the contract (s) awarded as a result of this bid for an additional one (1) year period by resolution of the Public Works Committee of the Allegany County Board of Legislators in accordance with the specifications and NYS GML 103 and 104b.

Guy R James
Superintendent
Allegany County
Department of Public Works

GENERAL TERMS AND CONDITIONS:

1. Objective:

This document is published in order to obtain competitive prices for Pavement Markings

2. Acquisition of Bid Documents:

- a. Bid documents are available for download at www.alleganyco.com; click on Public Works Department. They are also available at the Office of the Superintendent of Public Works, 7 Court Street, Room 210, Belmont, New York 14813. The office is open Monday – Friday 8:00 a.m. to 4:00 p.m. Telephone number is (585) 268-9230.
- b. Each contractor bears sole responsibility for acquisition of bid documents. Requests for bid documents to be forwarded are neither a guarantee nor an incurred obligation on the part of Allegany County to ensure contractors requested receipt of bid documents, timely or otherwise.
- c. Receipt of these documents, unsolicited or otherwise, shall not be construed a predetermination of a contractor's qualifications to receive a contract reward. Nor shall receipt of these documents be interpreted an endorsement that the contractor's equipment, materials, products, and/or services are in compliance with the bid specifications.

3. Examination, Interpretation, Correction of Bid Documents:

Each contractor shall examine all bid documents and judge all matters relating to the adequacy of such documents. Any inquiries, suggestions or requests concerning interpretation, clarification or additional information pertaining to this bid solicitation shall be in writing and submitted to the Public Works Department. The County shall not be responsible for oral interpretations given by any county employee, representative or others. The issuance of written addendum/addenda is the only official method whereby clarification or additional information can be given.

4. Preparation of Bid Documents:

Bids must be submitted on the forms provided in these bid documents and prepared in the following manner:

- a. All forms shall be clearly legibly completed using a permanent medium (i.e. ink, typewriter, laser printer, etc.) Illegible entries may be rejected.
 - i. If submittal of unit price(s) is a requirement, said unit price(s) shall prevail.
 - ii. All mathematical functions (extensions, additions, etc.) are subject to audit.
 - iii. Each price shall be expressed as a numerical dollar value; indicators such as ditto marks, arrows, etc. are not acceptable.
- b. All forms requiring a contractor's signature shall be signed by a contractor or the contractor's authorized representative. Erasures and/or alterations shall be initialed by the representative whose signature appears on the forms.

- c. The contractor shall submit the bid in accordance with the bid documents and shall not make any changes in the wording or the bid forms or make any stipulations or qualify the bid in any manner.
- d. Prices shall be F.O.B. any point in Allegany County, New York. Price quoted shall include all delivery charges.
- e. All bids shall be firm for the period of forty-five (45) days from the bid opening date; during which time the County shall render its decision.

5. Bid Surety:

All bidders must submit a Bid Bond or Certified Check in the amount of Five Hundred Dollars (\$500.00) payable to Allegany County Department of Public Works with their bid. Bid Bond or Certified Check will be refunded to unsuccessful bidders. The successful bidder (s) will be issued a notice of intent to award and will be required to submit a Performance Bond in the amount of Five Thousand Dollars (\$5,000.00) effective until May 1st, 2019, within three weeks of the date of receipt of the notice of intent. Upon receipt of the Performance Bond or Certified Check the successful bidder(s) will be issued a Notice of Award. The Bid Bond will be returned with the Notice of Award. The Performance Bond will be released upon completion of work and acceptance by the Superintendent of Public Works. Performance Bonds for Town and Village should be provided directly to the respective Town or Village.

6. Contract Term:

May 1, 2018 through April 30, 2019.

7. Quantities:

- a. Quantities are not guaranteed. A minimum and/or maximum quantity shall not be established. All purchases, therefore the cumulative annual purchase quantity shall be "as required" by Allegany County.
- b. If this bid specifies "estimated quantities", said quantities are specified for bid purpose only. These quantities are not intended, nor should they be construed to reflect the actual purchase requirements of Allegany County.

8. Non-Collusive Bidding Clause and Certificate:

The contractor shall submit a signed and dated Non-Collusive bidding certificate with its bid which is included in this bid document. Said certificate is mandated by Section 103-d of the General Municipal Law.

9. Hold Harmless Clause and Form:

The contractor shall submit a signed and dated Hold Harmless Clause form with its bid, which is included in this bid document.

10. Iranian Energy Sector Divestment Certification:

Contractor hereby represents that said contractor is in compliance with New York State General Municipal Law; Section 103-g entitled "Iranian Energy Sector Divestment." By submission of this bid, each contractor and said person signing on behalf of any contractor certified and in case of a joint bid, each party hereto certifies

as to its own organization, under penalty of perjury, that the best knowledge and belief, that each contractor is not on the list created pursuant to NYS Finance Law Section 165-A (3) (b).

The contractor shall submit a signed, notarized and dated Iranian Energy Sector Divestment Certification, included in this document, with its bid.

Said certificate is mandated by Section 103-g of the General Municipal Law. Reference the Iranian Energy Sector Divestment Certificate Form included in this document.

11. Required Insurance:

- a. This bid documents includes an information sheet entitled: ALLEGANY COUNTY STANDARD INSURANCE REQUIREMENTS. These requirements establish the minimum insurance(s) which the contractor shall have in effect prior to entering into a contract with Allegany County. Said Insurance(s) are required to remain in effect through the term of the contract(s). In the event that the contractor's insurance lapses during the term of the contract(s), the County reserves, as its right, the right to cancel the contractor's contract(s), and to purchase the contracted product(s)/service(s) on the open market; with any increase in cost(s) to Allegany County charged to the awardee. Credit shall not be issued to the awardee where open market cost(s) to the County are less than the cost(s) contracted with the awardee.
- b. Additional Insured & Certificate Holder:
 - i. Allegany County shall be named as an "additional insured" for the purpose of coverage on direct, primary and non-contributory basis in the contractor's policy for all intents and purposes of contract(s) issued as a result of an award of this bid. Additional insured shall read- Allegany County, 7 Court Street, Room 210, Belmont, New York 14813.
 - ii. Certificate Holder shall read- Allegany County, 7 Court Street, Room 210, Belmont, New York 14813.
- c. Each contractor shall submit an original of its Certificate of Insurance and NYS Worker's Compensation Insurance Coverage Form (which indicates the contractor's compliance with the above sections a. and b.) to the following: Allegany County DPW, 7 Court Street, Room 210, Belmont, New York 14813.

12. Sales Tax Exemption:

The County is exempt from payment of sales and compensating use taxes of the State of New York and cities within the State of New York.

13. Protection from Claim Against or Equal:

In the event of any claim concerning or relating to the issues of equal or better, the contractor agrees to hold the County of Allegany free and harmless from any and all claims, legal fees and court costs for loss or damage arising out of this transaction for any reason whatsoever.

14. Addendum/Addenda:

- a. If an addendum has been issued prior to the County's receipt of bids: Allegany County shall attempt to notify contractors known to have received the sealed bid documents and whose contact information is on file with Allegany County. Allegany County does not ensure the potential contractor's receipt of the addendum. It shall be the responsibility of the contractor, prior to submitting its bid, to contact the Department of Public Works (585) 268-9230, to determine if an addendum has been issued.
- b. Addendum shall be available online at www.alleganyco.com; click on Public Works Department. They are also available at the Office of the Superintendent of Public Works, 7 Court Street, Room 210, Belmont, New York 14813.
- c. It is a requirement that the contractor sign, date and include the addendum with its bid submittal. Failure to do so may result in rejection of bid.

15. Multiple/Alternate Bid Submittal(s):

For those contractor's intending to submit multiple/alternate bids in response to this bid solicitation; the contractor is required and shall submit a complete bid document for each bid submitted. Note: If there is a bid surety requirement, one (1) surety instrument written for the highest amount, shall suffice.

16. Submittal of Bid(s):

- a. The bid shall be submitted in a sealed envelope with the following marked on the outside:
 - i. Print your company's name in the upper left corner
 - ii. In the lower left corner print:

Sealed Bid: February 22, 2018, 10:00 a.m.
Pavement Markings
- b. The envelope shall be addressed to Allegany County DPW, 7 Court Street, Room 210, Belmont, New York 14813.
- c. Bids will be received at the Public Works Department until the time specified. Bids will be opened at the specified time.
- d. Facsimile transmitted bids are not acceptable and shall be rejected.
- e. Security procedures are in effect at the Allegany County Office Building. Interested parties, especially contractors who intent to hand deliver bids and/or conduct business with Allegany County Department of Public Works should allow sufficient time for any delay which may arise as a result of security procedures. To be considered delivered and on time a bid submittal must be received at the Public Works Department by the appointed hour.
- f. All bid proposal sheets shall remain intact and be submitted with the bid.

17. Business Hours:

Contractors will maintain normal business hours during the time in which the material bid will be needed by the County. Bidders agree that normal business hours shall mean 8:00 a.m. to 4:00 p.m. Bidders acknowledge and agree that on some occasions it may be necessary to remain open before and beyond normal business hours in order to provide the County with material bid.

18. NYSDOT Standard Specifications or Source(s) & Materials:

- a. All materials proposed or materials supplied by the bidder to Allegany County shall conform to the requirements set forth in Standard Specifications (US CUSTOMARY UNITS), published by the New York State Department of Transportation, May 2, 2008, including all current amendments, or to any other standard or standard specifications. If the materials bid are subject to certification or approval by the State of New York and the bidder shall furnish with the bid proof of such current approval or certification.
- b. The Superintendent of Public Works may order tests for the materials proposed by the bidder or supplies by a successful bidder, at any time, the costs of such testing shall be the responsibility of the bidder and/or successful bidder as the case may be. The bidder and/or successful bidder agree to pay the costs of such tests when presented with an invoice by the Superintendent of Public Works.

19. Compensation:

Payment shall be rendered to the contractor(s) for satisfactory compliance with the general terms and conditions of this bid. Invoice terms shall be net 30 days. The county normally processes invoices for payment bi-monthly, according to regular established schedule.

20. Late bids:

Contractors bear the sole responsibility for the delivery of their bid in a timely manner. Reliance upon the U.S. Postal Service or other carriers is at the contractor's risk. Late bids will not be considered and will be returned unopened.

21. Right of County to Seek Clarification, Accept or Reject Bid(s), etc.:

- a. Allegany County reserves as its right, the right to require clarification from the contractor for the purpose of assuring a full understanding of the contractor's responsiveness to the solicitation requirements.
- b. Allegany County reserves as its right, the right to accept or reject any and all bids (or separable portions thereof), the right to waive irregularities and technicalities, and the right to request resubmittal of bids (re-bid).

22. Civil Rights:

The County of Allegany in accordance with the provisions of Title VI of the Civil Rights Act of 1964 and New York Labor Law; Article 8- Public Works, Section 220e hereby notifies all contractors will affirmatively ensure that any contract awarded as a result of this bid solicitation will be awarded without discrimination on the grounds of race, color, sex or natural origin.

23. Award of Bid:

For the purpose of this bid and subsequent award(s), it is intended that award(s) that will be made on a line item basis:

- a. Bids will be awarded to qualified and responsible contractor(s) who sufficiently meet the terms, conditions and specifications stated herein. However, under all circumstances and all statements to the contrary notwithstanding, Allegany County reserves as its right, the right to determine award(s)/awardee(s) in accordance with the best interest of Allegany County.
- b. Award of bid is not made at the bid opening. All bids are subject to final review and acceptance by the Public Works Committee of the Allegany County Legislature before any award may be made.

24. Executory Clause:

Allegany County shall have no liability under any contract or contracts or to anyone else beyond funds appropriated and available for the purpose of this document and resultant contract(s).

25. Assignability:

The contractor shall not assign, transfer, convey, sub-contract, sublet or otherwise dispose of all or portions of this contract (and/or work to be performed as a result of the contract) or its right, title, or interest to any other person, company, corporation, without prior written consent of the Superintendent of Public Works.

26. Extension of Contract Usage by Political Subdivisions:

Political subdivisions within Allegany County (Towns, Villages, School Districts and Fire Districts), as defined in Section #103 of the General Municipal Law may participate in any contract awarded as a result of this bid document. Additionally, per section 408-a (2) of County Law and Allegany County Resolution No. 202-15, all political subdivisions within the state of New York may piggyback off this competitive bid as long as it is mutually agreed to by both parties. Responsibility, financial or otherwise, for purchase(s) made by other parties as a result of the extension of this contract, shall not be borne by Allegany County.

27. Contractor's Failure to Comply:

The contractor's failure to perform in compliance with the bid award shall result in withholding of payment. The payment shall be withheld until such times as the contractor fulfill its responsibilities. Compliance shall be determined by and to satisfaction of Allegany County. Such action would not necessarily preclude further initiatives on the part of Allegany County to protect and preserve its best interest.

28. Cancellation of Contract:

Allegany County reserves, as its right, to cancel the contract(s) resulting from an award of this bid solicitation at any time during the contract period, without penalty to Allegany County and without stated reason, by delivering a written ten (10) day notice of intent to the contractor(s) or its representative(s). Said notification mailed to the contractor or its representatives via the US Postal Service, First Class Mail shall be considered sufficient and delivered.

SPECIFICATIONS FOR PAVEMENT MARKING FEBRUARY 22, 2018

Pursuant to provisions of the Highway Law and General Municipal Law, sealed bids properly labeled, will be received at the Office of the County Superintendent of Public Works until 10:00 a.m., February 22, 2018. At that time all bids received will be publicly opened and read for the furnishing of edge line and centerline pavement markings on various county roads in Allegany County, New York, during the year of 2018.

The Allegany County Department of Public Works reserves the right to reject any or all bids and to accept the bid it determines to be in the best interest of Allegany County.

Bidder must furnish all labor, most current tools, equipment, etc., to paint pavement markings conforming to the New York State Manual of Uniform Traffic Control Devices.

INSURANCE, LEGAL RESPONSIBILITY & SAFETY

The low bidder shall within thirty (30) days of being awarded the contract submit satisfactory evidence that his operations are covered by liability insurance in the amount of \$1,000,000.00 for bodily injury and \$1,000,000.00 for property damage and that under the coverage, or by separate policies in the above amounts, the County of Allegany Department of Public Works, and/or the County of Allegany, and/or County Superintendent of Public Works, are named among the insured and are fully indemnified. This liability insurance is to remain in effect for a period of one year following the completion of the contract. The bidder shall, within thirty (30) days after the award, also submit satisfactory evidence that his operations are covered by Workmen's Compensation Insurance, Unemployment Insurance and Social Security as required by law.

This bidder shall be responsible for all damages to property, injury to persons, and loss expense, inconvenience and delay that may be caused by or that may result from any act, omission or neglect of the bidder or his employee in the performance of the work to be done.

The bidder must comply in accordance with Section 220 of the Labor Law (Prevailing Wage Rates), as per prevailing rate schedule and must comply with Section 103-d of the General Municipal Law, which required that every bid or proposal made to a political subdivision shall contain the statement of non-collusion as attached. No contract will be awarded to any corporation, not incorporated in the State of New York, unless and until such corporation shall have qualified to do business within the State of New York, pursuant to Section 210 of the General Corporation Law.

Every bidder intending to make a proposal is expected, before submitting bid, to make himself fully familiar with the work to be done. A bidder shall be debarred from pleading misunderstanding or deception because of estimates of quantities, character, scope of work, location or other conditions surrounding the same. Permission will not be given to withdraw, modify or explain any proposal or bid after the time of the bid opening.

On acceptance of this proposal for said work, the bidder shall hereby bind himself or themselves to enter in the written contract within ten (10) days of notice to do so by the County Superintendent of Public Works. The low bidder will be required to submit a

satisfactory financial statement attested by a Certified Public Accountant and bank references within ten (10) days after the opening of bids or bid will be rejected as incomplete.

QUALIFICATION OF BIDDER

No bid will be considered formal 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. Each bidder must submit a list of previously successful waterborne applications totaling at least 5,000,000 lineal feet.
- c. Each bidder shall submit with his bid, evidence that employees operating the pavement marking machine have had at least five years of experience operating the equipment called for by these specifications, so that an acceptable and workmanlike job will result.
- d. Each bidder shall submit with his bid evidence that he has a responsible field compliant procedure program in effect, as well as documented on-site chemical spill worker guidelines, and a contingency plan for field operations. Copies of these programs must be included with the bid.
- e. Each bidder shall submit with his bid, in writing, a certificate of evidence issued by the Secretary of State that he is authorized to so work within the State of New York.

PRICE AND EXTENT

The bid price shall be per mile of road for centerline marking and per edge line mile for edge line marking.

The bid prices shall be based on the following estimates.

	<u>Spring</u>	<u>Fall</u>	<u>Total</u>
Centerline:	150 Miles	200 Miles	350 Miles
Edgeline:	150 Miles	250 Miles	400 Miles

Intent of contract is to obtain maximum mileage of painted road while being allowed a fixed expenditure of money.

MAINTENANCE AND PROTECTION OF TRAFFIC

A maintenance and protection of traffic sequence shall be provided as indicated in the Manual of Uniform Traffic Control Devices, Appendix 7, Figure MC-9, Page 413. All materials used shall comply with the requirements of the appropriate Subsections, Section 700, "Materials" or as ordered by the engineer. Sign panels may be made of aluminum or plywood.

Immediately at the conclusion of each day's work and on days when the bidder is not working, all materials, tools, constructions equipment, employees' vehicles etc., shall be stored or parked off the pavement and shoulders as far from the traveled way as is possible, and not closer than the back of the pavement ditch. Where storage or parking is required in back of existing guide railing, the minimum clearance distance between guide railing and objects is fifteen (15) feet.

The cost of maintaining and protecting traffic during the painting operations shall be included in the bid prices of the contract items.

The bidder shall be responsible for conducting operations with all necessary precautions for the safety of the traveling public and his own employees.

The bidder shall maintain traffic during painting operations with as little interference or inconvenience to the traveling public as possible. No road or portion of road may be closed to traffic at any time. All traffic control and line protection shall be in accordance with the following:

1. Lead vehicle is to be equipped with a broom and power blower in order to clean the pavement in advance of the pavement-marking machine. The lead vehicle shall travel approximately 500-feet ahead of the pavement-marking machine and shall have a warning sign, "Wet Paint- Keep Right" mounted on the front of the vehicle, facing traffic.
2. Second vehicle is to be a pavement-marking machine. The pavement marking machine is to be equipped with yellow flashing strobe lights, a "Wet Paint-Keep Right" sign mounted on the front of the vehicle facing traffic and a "Do Not Pass- Wet Paint" sign mounted on the rear of the vehicle.
3. Third vehicle is to be a follow vehicle. "Do Not Pass" and "Wet Paint" warning signs shall be mounted on the rear of the vehicle. Vehicle shall travel approximately 1,500 feet behind the pavement-marking machine.

Flagman shall be used everywhere possible.

The bidder shall take such other safety measures as may be ordered by the County Superintendent of Public Works.

THE BIDDER SHALL NOT APPLY CENTER AND EDGELINE AT THE SAME TIME.

DETERMINATION OF NO-PASSING ZONES AND PAVEMENT CODING

1. Description

Under this item the bidder shall determine by field survey and measurement, the location and extent of all no passing zones and shall apply coding to the pavement to facilitate the striping of the highways within the boundaries specified.

2. Equipment

The equipment required for determining the no-passing zones shall be electronic and consist of a minimum of one transmitter, one receiver, one IBM compatible computer, and one display meter. The equipment shall be capable of maintaining a previously determined separation distance along the centerline of pavement between two vehicles as they traverse a highway for establishing correct no-passing zones at horizontal and vertical curves or other sight distance restrictions. The separation distance along the log point shall be displayed and recorded in feet in the tracking vehicle at the point of loss and regain of sight of the lead vehicle in order to achieve a plotting accuracy of plus or minus one (1%) of the separation distance.

Operators of the survey crew shall have a minimum of two standard size passenger cars. Each vehicle shall have a voice communication system with a minimum range of one mile. Operators shall not be required to get clearance each time they communicate.

As a minimum requirement, all vehicles shall be equipped with a roof-mounted rotating flasher. The lead vehicle and trailing vehicle used for layout survey shall be equipped with a roof-mounted warning sign, with a minimum size of 28" x 40". The warning signs shall be double faced with a black legend on an orange background indicating a road survey is being conducted.

The lead vehicle shall be equipped with an adjustable target light so the required target height of 3.50 feet may be obtained.

The County Superintendent of Public Works reserves the right to inspect the bidder's equipment prior to making any award.

3. Construction Details

No-passing zones shall be determined in accordance with the current edition of the New York State Manual of Uniform Traffic Control Devices. Determinations shall be based on the 85-percentile speed, which shall be the posted speed. If unposted, the statutory speed shall be used as the 85 percentile speed unless otherwise specified in the contract or by the County Superintendent of Public Works.

The bidder shall furnish the County Superintendent of Public Works with one printed copy of a final log of the survey, in a format approved by the County, clearly indicating the no-passing zones established. This log shall list the beginning and ending points in feet, along with the length of zone of all no-passing zones established on each route. The log shall be visually referenced to physical points along the route on that the no-passing zones can be reestablished. Further, the pavement shall be coded in a manner approved by the County, to indicate the beginnings and ending points of the

various combination of marking patterns (i.e. double solid, solid left, solid right, skip line right, skip line left or single skip line) to facilitate the markings of the highways.

Each log sheet shall be reviewed by a licensed professional engineer before being sent to the County Department of Public Works. The bidder shall not be paid for any survey work for which he cannot provide a log sheet.

The bidder shall provide any and all devices necessary to maintain traffic and to protect the traveling public and the bidder's workmen. These devices shall be in accordance with the current edition of the New York State Manual of Uniform Traffic Control Devices, subject to the approval of the County Superintendent of Public Works.

MARKING OF INDEXES

The bidder shall use a copy of the log and an electronic distance-measuring instrument to mark the pavement at the beginning and ending points of all the zones established.

PAINTING TRAFFIC LINES

All traffic lines shall conform in every respect to the New York State Manual of Uniform Traffic Control Devices, especially as to color, width and spacing of lines.

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

Glass beads shall be applied to all lines painted at the minimum rate of seven (7) pounds per gallon of paint on centerline applications and six (6) pounds per gallon for edge line application.

Machine, while applying paint shall not operate at a greater speed than 15 M.P.H. The painted traffic lines shall follow the centerline of the road; they shall be straight and true on tangents and be uniform on curves.

Re-painting of centerlines and edge lines shall coincide with the existing traffic line markings.

Edge line striping shall be done while the striping machine is on the pavement surface and, under no circumstances, shall it travel on the shoulders.

All paint shall be applied at a temperature that will assure it to be track-free within 180 seconds of it being applied to the pavement.

Upon inspection of completed work by the County Superintendent of Public Works, it shall be the responsibility of the bidder to correct any noted deficiencies regarding pavement markings.

Deficiencies shall be defined to include but not limited to any irregular, imperfect markings, spillages of paint or highway pavement, trackings made by the public due to improper traffic

control or any other unspecified markings that may cause or lend confusion to the motorist. Any damage to the general public's vehicles due to paint tracking shall be the responsibility of the successful bidder. The method of correction shall be approved by the County Superintendent of Public Works.

The County Superintendent of Public Works shall have the authority to stop work at any time when it is felt the workmanship does not conform to the specifications requirements. In case of such work stoppage, work shall not be resumed by the bidder until authorized by the County Superintendent of Public Works and only after he is satisfied that faulty workmanship will be made good by the bidder at his cost.

Should workmanship not meet the specification requirements, the County Superintendent of Public Works may at his discretion, terminate the contract.

1. Reflectorized Pavement Stripes

Reflectorized pavement stripes four (4) inches in width shall be placed for pavement centerline and edge markings. The broken line shall consist of line segments of uniform length separated by longer uniform gaps. The standard cycle length of forty (40) feet is to be used with a ten (10) foot line and a thirty (30) foot gap.

The bidder shall be responsible for one hundred percent (100%) reflectorization of all traffic lines painted. Should the painted lines not receive enough beads for the reflectorization required, the bidder shall be held responsible for correcting the same at his expense.

2. Performance of Work

The bidder shall perform all work on the project in strict compliance with all applicable current state and local codes and regulations.

No painting shall be undertaken when the temperature is below 45 degrees Fahrenheit or when the pavement is wet or damp. **NO PAINTING SHALL TAKE PLACE AFTER DARK.**

Paint shall only be applied to a clean and dry highway surface. The bidder shall thoroughly remove any sand, dirt or other debris encountered before applying paint.

The bidder shall furnish a power broom equipped with a power blower. To be used wherever necessary for the above mentioned purpose. The power broom must be approved by the Superintendent of Public Works.

AS A MINIMUM REQUIREMENT, ALL CENTERLINES AND EDGELINES THAT ARE TO BE PAINTED SHALL BE POWER BROOMED BY THE BIDDER BEFORE ANY PAINT IS APPLIED. CLEANING BY AIR JETS ALONE WILL NOT BE ACCEPTABLE.

Bidder must contact Superintendent of Public Works at least twenty-four (24) hours prior to any painting.

3. Completion of Work

All prescribed spring markings must be completed by June 1, 2018, fall markings by September 15, 2018, unless otherwise authorized by the County Superintendent of Public Works in writing. **Should the work not be completed by the specific date a \$750 per day assessment shall be applied for liquidated damages. All required paperwork (daily reports) shall be submitted within five business days of the completion of the application of the pavement markings.**

4. Equipment

Paint machine used to paint lines shall be a truck mounted applicator capable of traveling over the road at normal vehicle speeds when not painting, recognized by the Motor Vehicle Department as a motor vehicle and qualified for registration. It shall be capable of painting multiple lines simultaneously and in any combination of color and applying glass beads at the same time. It shall have stainless steel heat exchanges in both color systems so as to obtain an even flow of paint regardless of outside temperatures. It shall be capable of maintaining a paint temperature of not less than one-hundred-sixty (160) degrees Fahrenheit at the nozzle of the paint guns. The heating devices will ensure a sharp clear-cut line and speed drying time of the paint to eliminate tracking. All painting machines shall be equipped with stainless steel flow meters by which the amount of paint can be measured.

The paint unit shall be equipped with electronic distance measuring devices to tabulate the actual number of lineal feet of painted line applied by each paint gun, whether solid or dash line. The measuring devices shall have at least six (6) digits and be resettable. Machines without accurate flow meters or distance measuring devices will not be allowed on the job.

The paint unit shall be equipped with a pressurized system and a gun-type dispenser to ensure proper bead penetration and distribution.

All painting machines shall be operated by at least two men; one man shall steer the machine and perform no other duty while actually applying the traffic lines.

Bidder shall submit a bid descriptive list of all equipment available to use on this contract. (G.V.W.R. to be included). No bridge posted at or below ten (10) tons shall be crossed without written authorization to the County Superintendent of Public Works.

MATERIALS

All Fast-Dry Waterborne traffic paint furnished by the bidder for this project shall be Aexcel 72W-A042 white and 72Y-A047 yellow acrylic waterborne traffic paints or **approved equivalent**.

REFLECTORIZED GLASS BEADS

All reflectorized glass beads that are supplied by the bidder shall meet or exceed Section 727-05 Glass Beads for Reflectorized Pavement Marking Paint of the latest edition of the New York State Department of Transportation Specifications for Construction Materials.

MATERIAL STORAGE

The County Department of Public Works will provide outside storage for paint and will unload only if prior notice of delivery is given and the paint shall be delivered on a flatbed trailer. Inside storage for reflectorized glass beads will also be provided only if prior notice of delivery is given.

All paint and glass beads shall be delivered to the County Department of Public Works in 55-gallon drums or larger capacity totes at least fifteen (15) days prior to the start of application.

The County Department of Public Works shall be notified at least twenty-four (24) hours before any deliveries of paint or beads. **No paint or beads shall be delivered on Fridays. The County Department of Public Works will not be available to assist with paint or bead loading on Fridays, bidder must coordinate accordingly.**

LIABILITY

By providing storage area, the County Department of Public Works is not liable for any damages, theft or any other losses that could be incurred by the bidder. The bidder shall be solely responsible and liable for any and all costs and consequences related to any spillage of material.

SPECIFICATIONS FOR FAST DRYING ACRYLIC WATERBORNE TRAFFIC PAINT

SCOPE:

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

SURFACE PREPERATION:

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 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 applications 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 the traffic until thoroughly dry. These, as well as water-based coatings, should not be applied to surfaces less than 45 degrees Fahrenheit, or when the

relative humidity is greater than 80%. 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 of 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

10 Minutes
60 Seconds

PAINT TEMP AT TIP

77 degrees F.
130-145 degrees F.

COVERAGE:

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

PAINT COMPOSITION REQUIREMENTS:

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

	WHITE	YELLOW
<u>VISCOSITY @ 77 degrees F.:</u>	70-90 KU	70-90 KU
<u>WEIGHT PER GALLON @ 77 degrees F.:</u>	14.07 lb.	14.2 lb.
<u>PIGMENT (% by weight):</u>	61.2%	61.5%
<u>TOTAL SOLIDS (% by weight):</u>	78.2%	78.42%
<u>VOLUME SOLIDS (%):</u>	59%	59%
<u>NON VOL. VEHICLE (% by weight of veh):</u>	44%	44%
<u>V.O.C. (minus water):</u>	.74 lb/gal	.74 lb/gal

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

The paint shall be supplied in new containers with volume measurements based on 77 degrees Fahrenheit. Each container shall be marked with tare, gross 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. 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 not comply, to include transportation charges, at contractor's expense.

SERVICE TECHNICIAN:

As proper application is deemed essential to the success of this process, the manufacturer shall provide at least one experienced technician to instruct the contractor in the application of this material assist in problem resolution. The technician shall be familiar with the application equipment and the paint, and have successful experience in the placing of reflective traffic marking paints and the use of reflective traffic marking paint equipment.

DRUM REMOVAL:

The bidder shall be responsible for removal of all excess materials and empty paint container within one (1) month of project completion. THE COUNTY WILL NOT BE RESPONSIBLE TO CERTIFY THAT ANY OR ALL CONTAINERS ARE EMPTY AND READY FOR PICKUP. THIS SHALL BE THE BIDDERS RESPONSIBILITY, NO EXCEPTIONS! 5% retainage on this contract will be held until said materials and containers are removed.

PAYMENT REQUIREMENTS:

No payment will be made during the course of operations. Payment will be made for all work after completion of that work, provided such work is satisfactory to the County Superintendent of Public Works.

Prior to any payments being made, the bidder shall, if called upon to do so by the County Superintendent of Public Works, submit satisfactory evidence that all labor and materials have been paid in full.

The County Superintendent of Public Works shall at the end of each day be given a daily report. Said report shall show, for every road painted; beginning and ending point, length in miles, lineal feet of actual painted line applied, gallons of paint and pounds of beads used. The bidder shall not be paid for any day's work for which he fails to provide a daily report. The striping machine operator shall verify all daily reports with the County Department of Public Works representative on the job.

The total number of miles striped, materials or other services used in accordance with the contract's requirements shall be in agreement with the County Department of Public Works' computations.

The bidder shall submit invoices, describing the services and materials that payment is requested for.

This contract to successful bidder is not transferable. All work must be done by original bidder.

LABOR RATES:

Successful bidder will comply with the prevailing wage rates as attached and made part of this specification, and will present to the Superintendent of Public Works as a certified payroll report at the end of each billing.

Bid Bond:

All bidders must include with bid a Bid Bond for ten percent (10%) of the total bid amount.

PERFORMANCE BOND:

The successful bidder will be issued a notice of intent to award and will be required to submit a Performance Bond in the amount of one hundred percent (100%) of his total bid within three (3) weeks of the date of receipt of the Notice of Intent. Upon receipt of the Performance Bond the successful bidder will be issued a Notice of Award. The Performance Bond will be returned upon completion of work and acceptance by the Superintendent of Public Works.

NOTE: It is understood and agreed that any political subdivision or district within Allegany County may also participate in this contract pursuant to Section 103, General Municipal Law.

If the contract bidder sells a certain quantity of the bid item at a price below Allegany County Contract price to a political subdivision of Allegany County, the price must be reduced to the lower amount.

PRICING:

Pricing shall be based on a total cost per mile of centerline and a total cost per side mile for edge line application. For bidding purposes and from prior experience of materials used, all bids shall be based on the following:

- A. CENTERLINE APPLICATION: A cost per mile for application including 27 gallons of yellow paint and 189 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.
- C. MATERIAL PRICES: A price per gallon for both the yellow and white paint and a price per pound for reflectorized glass beads shall be submitted.
- D. PRICE ADJUSTMENT: If the contractor uses less than the amounts of materials that bids are based on for the center and edge line application, the County Department of Public Works shall require that those amounts be deducted from the final billing. Should the contractor use more material, it shall be at his expense.
- E. Contractor's prices which are bid for paint and beads shall be used for any price adjustment.
- F. PRICING EXTENSION: THE BID PRICE MAY BE EXTENDED FOR ONE ADDITIONAL YEAR UPON WRITTEN MUTUAL AGREEMENT OF THE SUCCESSFUL BIDDER AND THE ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS.

Proposal

THE UNDERSIGNED PROPOSES TO PROVIDE SAID SERVICES required by the County of Allegany as set forth in the enclosed bid. The successful bidder shall be obligated to furnish said services as set forth in this bid. The successful bidder shall be the person or corporation submitting the lowest bid meeting all specifications.

Sufficient information must be submitted with your bid to allow Allegany County to determine if the product is acceptable and meets the need of Allegany County. Final determination shall be made by the County.

Company Name

Address

City, State, Zip

Signed by

Title

Date

Email

Telephone Number

Fax Number

**YOU MUST COMPLETE AND RETURN THE BID PRICING FORM
AT THE END OF THIS DOCUMENT**

**ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS
BID PROPOSAL FOR PAVEMENT MARKINGS
FEBRUARY 22, 2018**

SUPPLIED BY BIDDER:

Centerline application including materials:	\$_____per mile
Edge line application including materials:	\$_____per mile
Yellow traffic line paint:	\$_____per gallon
White traffic line paint:	\$_____per gallon
Reflectorized glass beads:	\$_____per pound
Indexing of passing and no-passing zones from existing Log sheets	\$_____per mile
Survey of no-passing zones and pavement coding	\$_____per mile
Spotting of centerline on new pavement	\$_____per mile

**Award shall be based upon the per mile bid for centerline and the per side mile for edge line only.

**Bidder must be able to furnish layout, engineering and logging as required by the Superintendent of Public Works for bids to be considered formal.

Name of Contractor: _____

Signature & Title: _____

Business Address: _____

Business Telephone # _____

Are you registered to business in the State of New York? _____

Name and Title of Representative
In New York State: _____

Address: _____

Telephone Number: _____