

DETAILED SPECIFICATIONS

#2023h - 4: PAVEMENT MARKING

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. 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.

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The 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. Saturday work may be permitted at the discretion of the Superintendent of Highways.

SURVEY OF PASSING AND NO-PASSING ZONES

Wherever previous pavement markings have been worn away or obliterated and on newly constructed or resurfaced roads, the Contractor shall be required to lay out the traffic lines in accordance with the latest New York State Regulations, especially those pertaining to sight distance. All labor, machinery, and other materials necessary for the lay-out shall be furnished by the Contractor.

GENERAL

This specification describes the method required to determine the location of passing and no-passing zones for centerline pavement marking of County Highways where sight distance is restricted at horizontal and vertical curves to conform with the New York State Manual of Uniform Traffic Control Devices.

EQUIPMENT - CONTROL

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 with 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 percent (1%) of the separation distance.

Operators of the survey crew shall have a minimum of two standard passenger cars. Each vehicle shall have a voice communication system with a minimum range of one (1) mile. Operators shall not be required to get frequency clearance each time they communicate.

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Each vehicle shall be equipped with a roof-mounted rotating flasher or strobe. 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 maintained. The Superintendent of Highways reserves the right to inspect the vendor's equipment prior to making an award recommendation.

SURVEY METHODS

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 85th percentile speed which shall be the posted speed. If unposted, the statutory speed shall be used as the 85th percentile speed unless otherwise specified in the contract or by the Superintendent of Highways.

The Contractor shall furnish the Superintendent of Highways with one copy of a final log of the survey clearly indicating the passing and no-passing zones established. Each log sheet shall be reviewed by a licensed professional engineer familiar with this type of work before being sent to the County Highway Department. The 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 so that the no-passing zones can be re-established. Suggested references are the center of intersecting roads or railroads. As a minimum, reference points should be noted at no longer than a two mile interval. The Contractor shall not be paid for any survey work for which he cannot provide a log sheet.

The Contractor shall provide any and all devices necessary to maintain traffic and to protect the traveling public and the Contractor's workers. 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 Superintendent of Highways.

INDEX MARKING

The Contractor shall use the survey log and an electronic distance measuring instrument, accurate to within 1' per mile, to mark the pavement at the beginning and ending points for all zones established.

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.
- d. Each bidder must submit a certificate of evidence that he is authorized to conduct work within the State of New York.

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 Jefferson County Purchasing Department: 1. Written application with an explanation of why it should be considered. 2. Accredited Testing Laboratory Certificate comparing the substitute's 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. All Polyester pavement marking material furnished by the Contractor shall be Baltimore Paint and Chemical Company's TM8138 or TM8134 white and TM8137 or TM8133 yellow polyester compounds. Aexcel Industries 75W-D012 white and 75Y-D013 yellow are also acceptable.

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.

USE OF PREMISES AND REMOVAL OF DEBRIS

Contractor MUST call: All paint requirements shall be delivered to the County Highway Department. The County Highway Department shall allow outside storage for paint at its main garage and shall unload only if at least a forty-eight (48) hour ADVANCE notice of delivery is given. Inside storage of glass beads shall also be provided if at least a forty-eight (48) hour notice of delivery is given. Advance notice (48 hours) is also required for pickup of excess paint and beads. NOTE: The Department Operations Center is not staffed on Fridays during May through October.

The County shall assume no liability for any damages, theft, losses, or cleanup or disposal liabilities incurred by the Contractor.

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. The County may withhold payment from the Contractor for any day's work for which an accurate daily report is not provided.

Progress payments shall be made no more frequently than bi-weekly, and only if the aggregate work exceeds \$15,000. Payment will be made only for work completed to the satisfaction of the Superintendent of Highways.

PRE-CONSTRUCTION CONFERENCE

A pre-construction conference shall be held at the office of the Superintendent of Highways at least ten (10) days prior to starting work, at which time the Contractor shall present a proposed schedule of work, source of materials and be prepared to discuss the contract requirements and specifications.

TIME OF OPERATIONS

Between June 1st and July 31st, approximately 400 miles of road are to be painted with center lines and approximately 300 lane miles are to be painted with edge lines. The balance of the centerline, about 60 miles, and edgeline, about 85 lane miles, shall be complete before October 15th. Actual seasonal requirements may vary.

The parties hereby mutually stipulate and agree that in the event of the Contractor's failure to perform the work specified within the term set forth in this agreement, there shall be due and payable by the Contractor to the County the sum of \$300.00 per day for each day in excess of the term specified in this agreement required to complete the work, as liquidated damages, which said sum is agreed upon by the parties as a fair and accurate estimate of the actual damages suffered by the County as a result of said delay, and which said sum is not and shall not be interpreted as a penalty.

NOTE: Contractor shall cone terminal ends of stripe while striping through Villages to prevent turning vehicles from crossing fresh paint.

ITEM I: 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.

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. EDGELINE 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 center and edgeline application, the Department shall require that those amounts be deducted from the final billing. Should the Contractor use more material, it shall also be taken into account on the final billing, after records of actual linear feet of line painted, gallons of paint applied and pounds of beads used is produced to substantiate the claim. Contractor's bid prices for paint and beads shall be used for any price adjustment.
- E. NYS PREVAILING WAGE: All Pricing must be based on prevailing wage laws of NYS per PRC #2022002172.

CONTRACT PRICE ADJUSTMENTS

All prices submitted must remain firm for a period of one hundred twenty (120) days from the date of award. Beginning September 1, 2022 subsequent price adjustments will be considered by the County. All requests for price adjustments must be submitted to the County a minimum of thirty (30) days prior to the date of the requested price adjustment. The change in price structure (increase or decrease) must be based on fluctuations in the latest published Consumer Price Index (CPI) for all urban consumers, as published by the U.S. Department of Labor, Bureau of Labor Statistics which is available at <https://stats.bls.gov>.

If, during the Contract term, the awarded vendor is unable to meet contractual requirements in whole or in part based on the price structure of the contract, it shall immediately notify the County in writing. The County may, but is not required to, consider an adjustment in the contract terms and/or pricing. Should the County in its sole discretion determine during the Contract term that the contract price structure results in prices which are unreasonable, excessive, or not truly reflective of current market conditions, and no adjustment in the contract terms and/or pricing is mutually agreeable, the County may terminate the contract through written notice to the vendor, purchase from an alternate source, or rebid the contract.

SPECIFICATIONS FOR FAST DRYING ACRYLIC WATERBORNE TRAFFIC PAINT

SCOPE

This specification covers ready-mixed, fast drying, white and yellow acrylic waterborne traffic paint for use on bituminous and Portland cement concrete pavements. Acrylic 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 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 degrees F, or when the relative humidity is greater than 80%. Evening and night applications should be avoided whenever possible 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

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
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%

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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.	0.74 Lb/Gal.

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

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 comply, to include transportation charges, at Contractor's expense.

#2023h - 4a: 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.)

CONTRACT PRICE ADJUSTMENTS

All prices submitted must remain firm for a period of one hundred twenty (120) days from the date of award. Beginning September 1, 2022 subsequent price adjustments will be considered by the County. All requests for price adjustments must be submitted to the County a minimum of thirty (30) days prior to the date of the requested price adjustment. The change in price structure (increase or decrease) must be based on fluctuations in the latest published Consumer Price Index (CPI) for all urban consumers, as published by the U.S. Department of Labor, Bureau of Labor Statistics which is available at <https://stats.bls.gov>.

If, during the Contract term, the awarded vendor is unable to meet contractual requirements in whole or in part based on the price structure of the contract, it shall immediately notify the County in writing. The County may, but is not required to, consider an adjustment in the contract terms and/or pricing. Should the County in its sole discretion determine during the Contract term that the contract price structure results in prices which are unreasonable, excessive, or not truly reflective of current market conditions, and no adjustment in the contract terms and/or pricing is mutually agreeable, the County may terminate the contract through written notice to the vendor, purchase from an alternate source, or rebid the contract.

BID FORM

COMPANY NAME: _____

#2023h - 4: PAVEMENT MARKING

PAVEMENT MARKING

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.

SURVEY OF PASSING AND NO-PASSING ZONES

Survey passing and no-passing zones with log sheets included: \$ _____ per mile
Indexing passing and no-passing zones from existing log sheets \$ _____ per mile
Spotting centerline on new pavement \$ _____ per mile

ITEM I: WATERBORNE (15 mil)

ITEM II: WATERBORNE (20 mil)

Centerline application including materials	\$ _____ per mile	\$ _____ per mile
Edgeline application including materials	\$ _____ per side	\$ _____ per side
Yellow traffic line paint	\$ _____ per gal.	\$ _____ per gal.
White traffic line paint	\$ _____ per gal.	\$ _____ per gal.
Reflectorized Glass Beads	\$ _____ per lb.	\$ _____ per lb.

Attached Bid Checklist, Signature/Non-Collusive Page, and Iran Notice must be signed to complete the bid.

BID FORM

COMPANY NAME: _____

#2023h - 4a: PAVEMENT SYMBOLS

PAVEMENT SYMBOLS

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.

Hotline application including materials, stencils, etc

STOP BARS, with Text	\$_____ per ea
Turn Arrows, Right, Left or combos, w/ Text	\$_____ per ea
Crosswalks, 12" wide margins only	\$_____ per sf
Channelize Islands, hatching only	\$_____ per sf

Attached Bid Checklist, Signature/Non-Collusive Page, and Iran Notice must be signed to complete the bid.

BID CHECKLIST

The documents required to complete this bid are indicated below.

- (X) Performance Bond in the amount of \$ 150,000.00 for Mainline, Edgelines
- (X) Performance Bond in the amount of \$ 15,000.00 for Symbols, Crosswalks
- (X) Insurance Certificates See Exhibit A, Pages F-G
- (X) Iran Notice See Pages 13m – 13n

___ We have reviewed and have submitted the items required under the Mandatory Submission Requirements.

___ The Bid Page, Signature/Non-Collusive Page, and Iran Notice are completed and included.

___ Deviations are noted and explained.

___ Insurance Certificates are enclosed if required.

WAIVER OF IMMUNITY/NON-COLLUSIVE BIDDING CERTIFICATE PURSUANT TO SECTION 103-D OF THE NEW YORK STATE GENERAL MUNICIPAL LAW

- A. 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 organizations, under 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 knowingly been disclosed by the bidder and will not knowingly be disclosed by the bidder, directly or indirectly, prior to opening, to any bidder or to any competitor.
 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.

A bid shall not be considered for award nor shall any award be made where 1,2, and 3 above have not been complied with; provided, however, that in any case the bidder cannot make to foregoing certification, the bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons thereof. Where 1,2, and 3 above have not been complied with, the bid shall not be considered for any award nor shall any award be made unless the head of the Purchasing Unit to the political subdivision, public department, agency or official thereof to which the bid is made, or his designee, determines that such disclosure was not made for the purpose of restricting competition.

The fact that a bidder (a) has published price lists, rates, or tariffs covering items being procured, (b) has informed prospective customer of proposed or pending publications of new or revised price lists for such items, or (c) has sold the same items to other customers at the same prices being bid, does not constitute, without more, a disclosure within the meaning of paragraph "A" above.

- B. Any bid hereafter made to any political subdivision of the state or any public department, agency or official thereof by a corporate bidder for work or services performed or to be performed or goods sold or to be sold, where competitive bidding is required by statute, rule, regulation, local law, and where such bid contains the certification referred to in paragraph "A" of this section, shall be deemed to have been authorized by the Board of Directors of the bidder, and such authorization shall be deemed to include the submission of the bid and the inclusion therein of the certificate as to non-collusion as the act and deed of the corporation.

SIGNATURE PAGE ON REVERSE MUST BE SIGNED TO COMPLETE THE BID.

SIGNATURE PAGE

The undersigned proposes to furnish products or services to specifications included in this bid document, at the price(s) set forth, as required to meet the County's needs. Any deviation to the specifications must be noted on the bid form and fully explained or the deviations will not be considered part of the bid.

Deviations: Yes _____ No _____

By signing below I am certifying that I fully understand the complete requirements of the bid and agree to the non-collusive certification on the reverse of this page and additional documents as specified on the bid checklist. Bidder hereby acknowledges receipt of all addenda pertaining to this bid which are made part of the original bid specifications.

_____ COMPANY NAME
_____ ADDRESS (Principal Office)
_____ CITY, STATE, ZIP CODE
_____ AREA CODE/TELEPHONE NUMBER
_____ FAX NUMBER
_____ AUTHORIZED SIGNATURE
_____ PRINTED NAME
_____ TITLE
_____ DATE
_____ ADDRESS (Local Office)
_____ CITY, STATE, ZIP CODE
_____ AREA CODE/TELEPHONE NUMBER
_____ FAX NUMBER
_____ E-MAIL ADDRESS

Check One: Corporation _____ Partnership _____ Individual _____
Incorporated under the laws of the State of _____
Federal Identification #: _____
State if authorized to do business in the State of New York: Yes _____ No _____

Names/Addresses of Partners:

Iranian Energy Sector Divestment

Contractor hereby represents that said Contractor is in compliance with New York State General Municipal Law Section 103-g entitled "Iranian Energy Sector Divestment", in that said Contractor has not:

- a. Provided goods and services of \$20 Million or more in the energy sector of Iran including but not limited to the provision of oil or liquefied natural gas tankers or products used to construct or maintain pipelines used to transport oil or liquefied natural gas for the energy sector of Iran; or
- b. Acted as a financial institution and extended \$20 Million or more in credit to another person for forty-five days or more, if that person's intent was to use the credit to provide goods or services in the energy sector in Iran.

Any Contractor who has undertaken any of the above and is identified on a list created pursuant to Section 165-a (3)(b) of the New York State Finance Law as a person engaging in investment activities in Iran, shall not be deemed a responsible Bidder pursuant to Section 103 of the New York State General Municipal Law.

Except as otherwise specifically provided herein, every Contractor submitting a bid in response to this Request for Bids must certify and affirm the following under penalties of perjury:

- a. "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 penalty of perjury, that to the best of its knowledge and belief, that each Bidder is not on the list created pursuant to NYS Finance Law Section 165-a (3)(b)."

Jefferson County will accept this statement electronically in accordance with the provisions of Section 103 of the General Municipal Law.

Except as otherwise specifically provided herein, any Bid that is submitted without having complied with subdivision (a) above, shall not be considered for award. In any case where the Bidder cannot make the certification as set forth in subdivision (a) above, the Bidder shall so state and shall furnish with the bid a signed statement setting forth in detail the reasons therefore. The County reserves its rights, in accordance with General Municipal Law Section 103-g to award the Bid to any Bidder who cannot make certification, on a case-by-case basis under the following circumstances.

1. The investment activities in Iran were made before April 12, 2012, the investment activities in Iran have not been expanded or renewed after April 12, 2012, and the Bidder has adopted, publicized and is implementing a formal plan to cease the investment activities in Iran and to refrain from engaging in any new investments in Iran; or
2. The County of Jefferson has made a determination that the goods or services are necessary for the County to perform its functions and that, absent such an exemption, the County of Jefferson would be unable to obtain the goods or services for which the Bid is offered. Such a determination shall be made by the County in writing and shall be a public document.

Attachment
Certification Pursuant to Section 103-g
of the New York State
General Municipal Law

- A. 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 penalty of perjury, that to the best of its knowledge and belief that each Bidder is not on the list created pursuant to paragraph (b) of subdivision 3 of Section 165-a of the New York State Finance Law.
- B. A Bid shall not be considered for award, nor shall any award be made where the condition set forth in Paragraph A above has not been complied with; provided, however, that in any case the Bidder cannot make the foregoing certification set forth in Paragraph A above, the Bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons therefore. Where Paragraph A above cannot be complied with, the Purchasing Unit to the political subdivision, public department, agency or official thereof to whom the bid is made, or his designee, may award a bid, on a case by case basis under the following circumstances:
1. The investment activities in Iran were made before April 12, 2012, the investment activities in Iran have not been expanded or renewed after April 12, 2012, and the Bidder has adopted, publicized and is implementing a formal plan to cease the investment activities in Iran and to refrain from engaging in any new investments in Iran; or
 2. The political subdivision makes a determination that the goods or services are necessary for the political subdivision to perform its functions and that, absent such an exemption, the political subdivision would be unable to obtain the goods and services for which the contract is offered. Such a determination shall be made in writing and shall be a public document.

Signature

Title

Date

Company Name