



Street / Sanitation / Recycling  
705 South River Road  
West Lafayette, IN 47906  
Phone: (765) 775-5242  
Fax: (765) 746-1302

March 14, 2016

REQUEST FOR QUOTE  
Traffic Paint/Glass Beads Suppliers  
On Behalf of the City of West Lafayette, IN

Re: RFQ – Traffic Paints & Sundries

To Whom It May Concern:

On behalf of the Street Department of the City of West Lafayette, we hereby request your annual price quote on traffic paints and glass beads in the quantities specified in the enclosed documentation.

SEALED QUOTES will be received until 8:30 a.m. (local time) on Tuesday, March 29, 2016 at the Office of the Clerk, Morton Community Center, 222 N. Chauncey Ave., West Lafayette, Indiana 47906. Each dealer will submit his quote upon forms provided in the quote packet and enclosed in a sealed envelope marked, "Traffic Paint Quote". At 8:30 a.m., all quotes will be taken to the Board of Works meeting at the Morton Community Center, Multi-Purpose Room, 222 N. Chauncey Ave., West Lafayette, and there be publicly opened and read aloud.

Quotes submitted other than on the Official Quote Form will be considered non-responsive.

The vendor(s) awarded contract(s) will be notified electronically after the tabulations have been reviewed. The term of the contract(s) will be for a period of one (1) year from the date of the notice of award to the supplier at the fixed pricing quoted.

All questions regarding quotes and scheduling delivery of the product shall be made by Doug Payne at the West Lafayette Street Department at (765) 775-5242, unless otherwise instructed.

Sincerely,

*Tonya Vanaman*

Tonya Vanaman  
Receptionist/Office Assistant



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### QUOTE TERMS AND CONDITIONS

- 1) **Material and Equipment Specified by Name:** Whenever material or equipment is specified by patent or proprietary name or by name of the manufacturer, unless stated differently, such specification shall be considered as if the phrase “or acceptable equal” appears, though implied.
- 2) **Award:** In determining and evaluating the best quote, prices will not necessarily be the controlling factor rather, quality, equality, efficiency, utility terms and conditions and availability all become relevant factors, only to name a few. The City of West Lafayette also reserves the right to conduct discussion with potential offerors submitting proposals who are determined to be reasonably susceptible of being selected for award. The City of West Lafayette reserves the right to accept or reject any or all quotes. Pricing will remain fixed for a period of 1 year, as quoted.
- 3) **Title:** If applicable, title to the product shall pass to the City of West Lafayette at the FOB point of destination, subject to the right of refusal upon inspection by the City of West Lafayette.
- 4) **State and Federal Tax:** The City of West Lafayette is exempt from all tax; therefore, your quote should be exempt from taxes as well. Our tax certificate will be furnished to you at your request.
- 5) **Inspection:** The City of West Lafayette reserves the right to inspect all materials and workmanship and retain the right to reject all materials and workmanship not conforming to the specifications provided.
- 6) **Legal Compliance:** All materials, parts and equipment shall be in compliance with all Federal laws, laws and regulations of the State of Indiana, the City of West Lafayette and OSHA. The seller shall, at the request of the City, furnish evidence relating to certification of compliance.
- 7) **Proposal Contents:** This proposal consists of Specifications, Terms and Conditions, Official Quote Form and other attachments as deemed necessary. Bond and evidence of financial responsibility are not required with this RFP.
- 8) **Lead Time:** Lead-time, if applicable, shall be stated on the Official Quote Form. Failure to comply with meeting the delivery date or not informing the City of West Lafayette of problems in meeting the delivery date in whole or in part is cause for the vendor to be held responsible for damages incurred by the City of West Lafayette as a result of non-delivery or notification.
- 9) Pursuant to Indiana Code 5-22-16.5, Professional/Vendor/Contractor hereby certifies under penalties of perjury that it does not engage in investment activities in Iran as more particularly described in Indiana Code 5-22-16.5.
- 10) All contractors, subcontractors and suppliers under contract with the City shall comply with the City’s Tobacco Free Workplace Policy while on the job-site.



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**Additional Contract Clause Attachment**

The following clause is added and incorporated as an additional contract term to:

**2016 RFQ - Traffic Paints and Sundries**

**No Investment in Iran.** As required by IC 5-22-16.5-13, the Contractor hereby certifies that the Contractor is not engaged in investment activities in Iran.

\_\_\_\_\_  
[Contractor Name, Printed]

Signed: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

*This document must be completed and returned with your quote*



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## **WATERBORNE TRAFFIC PAINT**

### **General Specifications**

White and yellow waterborne paints shall consist of an emulsion of pigmented binder that is intended for use on asphalt and concrete pavements for centerline, edge-line and lane-line traffic markings. The paint shall be such that, when glass spheres are induced into the paint lines, the paint shall provide capillary action in the interstices and voids between the glass spheres sufficient to cause the level of paint to raise approximately two thirds (2/3) the diameter of the glass spheres providing anchorage and refraction. This capillary action shall be such that it will not cause complete envelopment of the glass spheres. These paints, as furnished, shall not contain any glass spheres. The paint shall be ground to a uniform consistency and it shall permit satisfactory application by the pressure-spraying equipment. This equipment uses a pressurized bead application method designed to apply 102 to 152 mm (4 – 6 in) reflectorized paint lines at a paint temperature of up to 66° C (150° F) on clean dry pavement. The paint shall be capable of being applied at speeds of 16 to 24 km/hr (10 – 15 mph).

## **TRAFFIC PAINT**

### **Compositional Specifications**

The exact composition of the waterborne traffic paint shall be left to the discretion of the manufacturer provided; however, that the finished product meets all requirements specified elsewhere in the specifications.

The pigment portion of the paints shall be a combination of prime and extender pigments as required to produce either white or yellow waterborne traffic paints, meeting the color and other requirements of the finished product as called for in this specification. The white waterborne traffic paint pigment shall contain titanium dioxide in accordance with ASTM D476. The yellow waterborne traffic paint pigment shall contain pigment yellow Colour Index #65 and/or #84 and/or #75.

The non-volatile portion of the vehicle shall be composed of a 100% acrylic polymer. The acrylic emulsion polymer shall be Rohm & Haas E 2706.

The cured film of waterborne traffic paint shall not contain any toxic heavy metals above the limits of the regulatory levels of 40 CFR 261.24, Table 1, when tested in accordance with EPA Toxicity Characteristics Leaching Procedure or contain any other hazardous materials which would require characterization as a hazardous waste for the disposal of the dried film.



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**TRAFFIC PAINT**

**Detailed Specifications**

	<u>MIN</u>	<u>MAX</u>
Volume Solids, ASTM D 2697, %	58	-
Total Solids by Mass, ASTM D3723, %	73	-
Pigment by Mass, ASTM D3723, %	45	57
Vehicle Solids by Mass of the Vehicle, %	43	-
Viscosity, ASTM D 562, Krebs Units	75	95
Unit Mass @ 25° C, ASTM D 1475 kg/L (lbs./gal)	1,498 (12.50)	-
Unit Mass @ 25° C, Variation Between Manufacturer's Production Batches, ASTM D1475, g/L (lbs./gal)	- -	24 (.20)
Dry Time, ASTM D711, 380 Micrometer (15 mils) Wet Film Thickness, 25° C (77° F), 50% + 5% Relative Humidity, w/o glass Spheres, Minutes	-	10
Luminous Directional Reflectivity, ASTM E97, ASTM E308, 380 Micrometer (15 mils) Wet Film Thickness, Air Dried Min of 16 Hours, % White	84	-
% Yellow	50	-
Color, Yellow Only, X & Y CIE Coordinates For The Green Limits of FWHA Color Chart PR1	Match Green	+6%
Bleed Ratio, Federal Specifications TT-P-1952D, Except Asphalt Saturated Felt Paper Shall Be In Accordance With ASTM D 226, Type I	.97	-
Contrast Ratio, ASTM D 2805, 254 Micrometer (10 Mil) Wet Film Thickness of Leneta Form 2A or 2C, Air Dried A Min of 16 Hours	.96	-
Volatile Organic Compounds, ASTM D 3960, G/L (lbs./gal)	-	150 (1.25)
Abrasion Resistance, Federal Specification TT-P 1952D, Change in Consistency, Krebs Units	190	-
Freeze-Thaw Stability, Federal Specification TT-P1952D, Change in Consistency, Krebs Units	-	10
Heat Stability, Federal Specifications TT-P 1952D, Change		



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	<u>MIN</u>	<u>MAX</u>
In Consistency, Krieb Units	-	10
Scrub Resistance, ASTM D 2486, With Abrasive Medium And Shim's, Cycles	300	-
Water Resistance, Federal Specification TT-P 1952D	Film Shall Not Soften, Blister, Wrinkle or Loose Adhesion	
Flexibility, Federal Specifications TT-P 1952D	No Cracking or Flaking of Film	
Infrared Spectrum Of The Vehicle, ASTM D 3168	Shall Match Spectrum Of Manuf. Previous Submitted Sample	

Dilution Test shall be capable of dilution with water at all levels without curding or precipitation such that wet paint can be cleaned up with water only.



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## **TRAFFIC PAINT**

### **FIELD REQUIREMENTS**

The paint shall be furnished ready for use without thinning, screening or having become modified and shall not extraordinarily settle, cake, curd, liver, gel or have an excessive change in viscosity in the container during a period of one (1) year after the date of manufacture and shall be capable of being stirred to a uniform consistency. The paint shall also be able to withstand variations of temperatures when stored outside in the containers as delivered and in an environment above 4° C (40° F). Any paint furnished under these specifications will be rejected if it contains skins, is thickened or contains jelly-like layers, lumps, coarse particles, dirt or other foreign materials that would prevent the proper application of the paint or produce a non-uniform paint line. Paints unable to move freely through appropriate accessories and/or equipment, creating unforeseen clogs of screens and filters of appropriate accessories and/or equipment, will be rejected.

Applied paint shall dry to a non-tracking condition of ten (10) minutes or less. The non-tracking condition shall be determined by actual application of the product on its surface at a wet film thickness of 380 micrometers (15 mils) with glass spheres applied at a rate of .72 kg/L (6 lbs./gal). The paint lines, for the determination of non-tracking conditions, shall be applied with the proper operating equipment so as to have the product applied at temperatures of up to 60° C (140° F) with the spray guns. The non-tracking time shall not be exceeded when the painting surface temperature varies from 10° C (50° F) to 40° C (120° F) and all relative humidity conditions providing that the painting surface is dry. Validity testing for non-tracking shall be determined by using a passenger vehicle, passing over the paint line approximately ten (10) minutes after the application, in a simulated condition, at a speed of approximately 30 – 40 mph. to determine compliance.

## **TRAFFIC PAINT**

### **PACKAGING and LABELS**

The waterborne traffic paint shall be furnished in 5-gallon pails. Each pail shall be labeled true mass, gross mass, net mass, equivalent volume, manufacturer, batch number, color formulation identification, all specifications, production date and all health and safety notices in accordance with 29 CFR 1910.1200 OSHA Hazard Communications Standard, in addition to DOT shipping markings and/or labels.

## **GLASS BEADS**

### **General Specifications**

The glass beads shall be packaged in 50-pound standard waterproof bags. These bags shall be multi-walled, suitably stitched and of sufficient strength to withstand shipping and handling without breaking. These bags shall be fabricated in a manner to provide easy opening. Each bag shall bear a label on which is shown the name and address of the manufacturer, net weight of contents, date of manufacture, batch or lot number and rack or pallet number.



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**2016 Estimated Volumes**

White Traffic Paint Total Gallons	600
Yellow Traffic Paint Total Gallons	1,700
Glass Beads Pounds	7,000

*Note: Once an award has been made and issued, it will be at the discretion of the agency to place its own orders throughout the term of the contract.*

**Delivery Addresses:**

City of West Lafayette  
705 S. River Road  
West Lafayette, IN 47906

**Invoicing Addresses:**

City of West Lafayette  
705 S. River Road  
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**OFFICIAL QUOTE FORM**

**2016 ANNUAL TRAFFIC PAINT GOODS**

VENDOR: \_\_\_\_\_

DATE: \_\_\_\_\_

***Note: Pricing FOB Delivered***

White Traffic Paint per Specs (700 gallons)                      \$ \_\_\_\_\_ per Pail

Yellow Traffic Paint per Specs (1,900 gallons)                      \$ \_\_\_\_\_ per Pail

White Thermoplastic per Specs (16,000 lbs.)                      \$ \_\_\_\_\_ per Pound

Glass Beads per Specs (7,000 lbs.)                      \$ \_\_\_\_\_ per Pound

LEAD TIME (ARO): \_\_\_\_\_ DAYS

*The term of the contract will be for a period of one (1) year from the date of the notice of award to the supplier at the fixed pricing quoted.*



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**CITY OF WEST LAFAYETTE  
NON-COLLUSION AFFIRMATION**

**STATE OF INDIANA**

**COUNTY OF: \_\_\_\_\_ } SS:**

The undersigned offeror or agent, duly swears, under penalties for perjury, that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be offered by any person nor to prevent any person from making an offer nor to induce anyone to refrain from making an offer and that this offer is made without reference to any other offer.

\_\_\_\_\_  
Offeror (Firm)

\_\_\_\_\_  
Signature of Offeror or Agent

Before me, a Notary Public in and for said County and State personally appeared,  
\_\_\_\_\_, who acknowledged the truth of the  
statements in the foregoing affirmation on this \_\_\_\_\_ day of \_\_\_\_\_, 20  
\_\_\_\_.

My Commission Expires:

\_\_\_\_\_

\_\_\_\_\_  
(written) Notary Public

\_\_\_\_\_  
(printed)

County of Residence: \_\_\_\_\_