



Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
 ONE CAPITOL HILL
 PROVIDENCE RI 02908

CREATION DATE : 11-MAY-16
 BID NUMBER: 7550597
 TITLE: PAVEMENT MARKING SUPPLIES (PAINT AND GLASS BEADS) - DOT
 BLANKET START : 01-JUL-16
 BLANKET END : 30-JUN-17
 BID CLOSING DATE AND TIME: 03-JUN-2016 10:30:00

BUYER: Hill, Lisa
 PHONE #: 401-574-8118

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 DOT MAINTENANCE BUSINESS OFFICE
 360 LINCOLN AVE
 WARWICK, RI 02888
 US

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 360 LINCOLN AVE
 WARWICK, RI 02888
 US

Requisition Number: 1460557

Note to Bidders: BLANKET REQUIREMENTS: JULY 1, 2016 - JUNE 30, 2017 WITH OPTION TO RENEW FOR ONE ADDITIONAL YEAR

Line	Description	Quantity	Unit	Unit Price	Total
1	07/01/2016 - 06/30/2017: GLASS BEADS PER ATTACHED SPECIFICATIONS, 50 LB BAG PACKAGING _____	12.00	Bag		
2	07/01/2016 - 06/30/2017: GLASS BEADS PER ATTACHED SPECIFICATIONS, 550 LB DRUM PACKAGING _____ PRICE PER POUND _____	50.00	Drum		
3	07/01/2016 - 06/30/2017: PAVEMENT MARKING PAINT - WHITE - PER ATTACHED SPECIFICATIONS, 250 GAL CONTAINER PACKAGING _____ PRICE PER GALLON _____	12.00	Container		
4	07/01/2016 - 06/30/2017: PAVEMENT MARKING PAINT - WHITE - PER ATTACHED SPECIFICATIONS, 5 GALLON PAIL PACKAGING _____ PRICE PER GALLON _____	12.00	Pail		
5	07/01/2016 - 06/30/2017: PAVEMENT MARKING PAINT - YELLOW - PER ATTACHED SPECIFICATIONS, 250 GALLON CONTAINER PACKAGING _____ PRICE PER GALLON _____	9.00	Container		
6	07/01/2016 - 06/30/2017: PAVEMENT MARKING PAINT - YELLOW - PER ATTACHED SPECIFICATIONS, 5 GALLON PAIL	2.00	Pail		

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer



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Line	Description	Quantity	Unit	Unit Price	Total
	PACKAGING _____				
	PRICE PER GALLON _____				

Delivery: _____

Terms of Payment: _____

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Remove **Subsection M.17.01; Glass Beads – Dual Gradation**, pages M-89 & M-90 of the RI Standard Specifications for Road and Bridge Construction in its entirety and replace with the following.

M.17.01

GLASS BEADS – DUAL GRADATION

M.17.01 GLASS BEADS - DUAL GRADATION.

M.17.01.1 Scope. This Specification covers the requirements for glass beads which are to be dropped onto white and yellow pavement marking material to produce a highly weather and-wear resistant reflectorized traffic marking.

M.17.01.2 Detailed Requirements.

a. Reflective Glass Spheres. The glass spheres shall be transparent, clean, smooth and spherically shaped, free of milkiness, pits, or excessive air bubbles, manufactured with virgin or recycled glass cullet, meet AASHTO M247, and conform to the following specific requirements:

1. Coatings. The spheres shall be coated to enhance their embedment characteristics to the binder. They shall show no tendency to absorb moisture in storage and shall remain free of clusters and hard lumps.

2. Quality Assurance. The spheres shall be segregated into maximum lots of 2,500 pounds and lot numbers shall be stamped onto each. Each lot shall be tested for gradation, rounds and coating and a Certificate of Compliance stating such will accompany each lot.

3. Gradation. The glass spheres shall meet the following gradation requirements when tested in accordance with ASTM D1214:

Sieve Size Passing	Type I	Sieve Size	Type II
	Percent Passing		Percent
10	100	20	95-100
12	95-100	30	80-95
14	80-95	50	9-42
16	10-40	80	0-10
18	0-5	--	----
20	0-2	--	----

4. Roundness. The glass spheres shall have a minimum of 80 percent rounds per screen for the two highest sieve quantities for Types I and II, and no more than 3 percent angular particles per screen for the Type I gradation. The remaining fractions shall typically be no less than 75 percent rounds as tested according to ASTM D1155, Procedure A.

5. Refractive Index. The glass spheres shall have a refractive index of 1.50 to 1.52.

6. Silica Content. The silica content of the glass spheres shall not be less than 60 percent.

Compilation of Approved Specifications

Date: 01/24/2011

7. Packaging. Reflective glass spheres shall be shipped in moisture resistant bags. Each bag shall be marked with the name and address of the manufacturer, the name and net weight of the material, batch or lot number, and shall include a certified test report stating that they meet the above test requirements.

8. Toxicity Characteristics. Glass spheres shall contain no more than 75 ppm of Arsenic, 100 ppm of Lead, and/or 100 ppm of Antimony when determined by EPA Methods 6010B and 3052.

M.17.02 WATERBORNE PAVEMENT MARKINGS. The paint shall be formulated and processed specifically for service as a binder for beads in such a manner as to produce maximum adhesion, refraction, and reflection. The paint shall be well mixed in the manufacturing process and shall be free from defects and imperfections that may adversely affect the serviceability of the finished product. The paint shall not liver, thicken, curdle, gel, settle excessively, or otherwise display any objectionable properties after periods of storage of at least six months and, at any time during such periods, shall be mixed manually as necessary to produce a smooth, uniform consistency throughout. The paint shall dry on a road surface to an adherent film that will provide proper anchorage and reflection for the finished glass beads when applied as specified. It shall be easily and uniformly applicable with mechanical line-marking equipment and shall have excellent covering properties. The paint shall be suitable for binding glass beads so as to produce a highly weather and wear resistant traffic line.

a. Composition. The paint composition shall be left to the discretion of the manufacturer, as long as the finished product meets the following requirements:

1. The paint shall contain not more than 0.06 percent Lead (ASTM D3335).
2. Volatile Organic Compounds (VOC) shall not exceed 150 grams per liter (ASTM D3960).
3. pH shall be a minimum of 9.6.
4. Pigment Content shall be 58-to-63 percent by weight (ASTM D3723).
5. Non-volatile vehicle shall be 41 percent minimum by weight of total vehicle.
6. Total non-volatile solids shall be 76 percent minimum by weight (ASTM D2697).
7. Weight per gallon shall be a minimum of 13.7 lbs./gal. for white and 13.0 lbs./gal. for yellow (ASTM D1475).
8. The paint viscosity shall be 78-to-95 ku at approximately 75°F (ASTM D562).
9. The closed cup flash point shall not be less than 125°F (ASTM D3941).

b. Color. The color after drying (for white) shall be a flat white, free from tint, furnishing good opacity and visibility under both daylight and artificial light, and shall match Chip No. 37886 of Federal Standard 595. For yellow, the color shall closely match Chip No. 33538 of this particular standard.

c. Dry Opacity. The paint shall have a minimum contrast ratio of 0.92 when tested according to ASTM D2244 at a wet film thickness of 5 mils (Federal Test No. 141).

d. Bleeding. The paint shall have a minimum bleeding ratio of 0.97 when tested in accordance with ASTM D868.

e. Reflectance. The daylight directional reflectance shall be not less than 85 percent for white and not less than 50 percent for yellow (relative to Magnesium Oxide) when measured in accordance with Federal Test Method No. 141.

f. Scrub Resistance. The paint shall pass 300 cycles when tested in accordance with ASTM D2486.

g. Freeze-Thaw Stability. The paint shall display no change in consistency greater than 0 percent when tested in accordance with ASTM D2243.

h. Dry Time. The paint shall dry to a no-tracking condition in not more than 2 minutes. The no-tracking condition shall be determined by actual application on the pavement at a wet film thickness of 15 mils. The line for the test shall be applied with equipment so as to have the paint at the temperature of 120-140°F at the spray gun. This maximum drying time shall not be exceeded when pavement temperature is 45-120°F, and under humidity conditions of 85 percent or less providing that the pavement is dry.

Contract Terms and Conditions

Table of Contents

Terms and Conditions.....VIII
 BID STANDARD TERMS AND CONDITIONSVIII
 TERMS AND CONDITIONS FOR THIS BIDVIII
 PURCHASE AGREEMENT BIDVIII
 DELIVERY PER AGENCYVIII

Terms and Conditions

BID STANDARD TERMS AND CONDITIONS

TERMS AND CONDITIONS FOR THIS BID

PURCHASE AGREEMENT BID

BIDDING (a) A single price shall be quoted for each item against which a proposal is submitted. This price will be the maximum in effect during the agreement period. Any price decline at the manufacturer's level shall be reflected in a reduction of the agreement price to the State. (b) Quantities, if any, are estimated only. The agreement shall cover the actual quantities ordered during the period. Deliveries will be billed at the single, firm, awarded unit price quoted regardless of the quantities ordered. (c) Bid price is net F.O.B. destination and shall include inside delivery at no extra cost. (d) Bids for single items and/or a small percentage of total items listed, may, at the State's sole option, be rejected as being non-responsive to the intent of this request. **ORDERING** (a) The User Agency(s) will submit individual orders for the various items and various quantities as may be required during the agreement period. (b) Exception - Regardless of any agreement resulting from this bid, the State reserves the right to solicit prices separately for any extra large requirements for delivery to specific destinations.

Mailing Address for Bid Proposals issued by the State of Rhode Island, Division of Purchases:

All Bid Proposals must be submitted to the following address:

State of Rhode Island
Department of Administration
Division of Purchases, 2nd Floor
One Capitol Hill
Providence, RI 02908

DELIVERY PER AGENCY

DELIVERY OF GOODS OR SERVICES AS REQUESTED BY AGENCY.