



# CONTRACT DATA SHEET

Monroe County Division of Purchasing  
200 County Office Building, Rochester NY 14614

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**TITLE:** Reflective Pavement Striping Powder

**CONTRACT #:** 0330-06

**CONTRACT DATES:** 4/25/2006-10/31/2011

**BUYER:** Sharon A. Berndt  
**PHONE:** 585/753-1110  
**FAX:** 585/753-1104

**VENDOR(S):** Ennis Paint  
PO Box 404  
Ennis, TX 75120  
  
ph: 972-878-8662

**TERMS AND CONDITIONS**

**BID ITEM:** REFLECTIVE PAVEMENT STRIPING POWDER

**FOR:** DEPARTMENT OF TRANSPORTATION

**DEPARTMENT CONTACT:** Isidro Rivera, (585) 753-7747

**DUPLICATE COPIES:** PLEASE SUBMIT YOUR BID IN DUPLICATE; THE ORIGINAL AND ONE (1) COPY.

**BID INFORMATION:** At the time of bid, the bidder shall supply detailed specifications covering the item(s) contained herein and shall clearly indicate any areas in which item or items offered do not fully comply with the specifications contained herein.

**SUBMITTAL OF FORMAL PROPOSAL:** Bid proposal must be legible and submitted in the original form, bearing an original signature. **COPIES AND FACSIMILES ARE NOT ACCEPTABLE.**

All bidders must submit proof that they have obtained the required **Worker's Compensation** and **disability benefits** coverage or proof that they are exempt.

**SPECIFICATION ALTERATIONS:** Specifications will be construed to be complete and be considered the entire description of the goods or services upon which Monroe County is now seeking bids. **Only formal written addenda can materially alter this set of specifications.** No verbal statement made by a Monroe County employee or anyone else is binding nor shall such statement be considered an official part of this public bid proposal.

**QUANTITIES:** The quantities listed on are the estimated annual requirements and should not be construed to represent either maximum or minimum quantities to be ordered during the contract term. **Estimates are based upon actual annual usage for 2005 by County departments only.**

**BRAND REFERENCE:** References to a manufacturer's product by brand name or number are done solely to establish the minimum quality and performance characteristics required. Bidders may submit bids on alternates, but must attach two (2) copies of manufacturer specifications for any alternate at the time of the bid. Further, the bidder must demonstrate that the alternate proposed has a sufficient operating track record to show the equipment will perform per the specified brand. The acceptance of a bidder's alternate rests solely with Monroe County.

**QUALIFIED BIDDER:** Each bidder must be prepared to present satisfactory proof of his capacity and ability to perform this contract. Such proof may include, but is not limited to, an inspection of the bidder's facilities and equipment, financial statements, references and performance of similar contracts. **The Purchasing Manager reserves the right to reject any bid where the bidder cannot satisfy the County as to his ability to perform.** Monroe County reserves the right to reject any and all bids if the Monroe County Purchasing Manager deems said action to be in the best interests of Monroe County.

**METHOD OF** Monroe County intends to award the bid to the lowest responsive and

**AWARD:** responsible bidder, based on the **TOTAL**. Bidder must bid on all items to be considered. **The County reserves the right to reject any and all bids** if the Purchasing Manager deems said action to be in the best interest of the County.

**CONTRACT TERM:** Contract will start with the date of the contract award and run through **October 31, 2006**, with the option to renew the contract up to **nine (9) additional six (6) month periods with the mutual consent of both parties.**

**PRICE CHANGES:** Price changes may be proposed by either party no later than forty-five (45) days prior to contract extension, based upon manufacturer price changes which must be supported with documentation. Should price changes not be acceptable to both parties, the contract will not be extended. Prices may change only at the time of extension.

**MINIMUM ORDER:** No minimum order is specified for this contract. Agencies must be able to order as needed. **Political subdivisions and others authorized by law may participate in this contract.**

**DELIVERY:** All deliveries to be F.O.B. Monroe County to agency as specified by a Purchase Order. Delivery costs must be built into the unit prices bid. Deliveries must be made within **two (2) weeks** after receipt of purchase order number. The County reserves the right to terminate the contract in the event the specified delivery time is not met.

**PURCHASE ORDER ISSUANCE:** Delivery of services may be directed by the receipt of a Purchase Order only. **Items that are not part of this bid will not be paid for by Monroe County.** As to all purchase orders issued by Monroe County, exceptions may only be authorized, in writing, by the Purchasing Manager or his authorized agent prior to delivery.

**BILLING PROCEDURE:** All invoices for items sold any authorized agency as a result of this contract must be billed in the following manner: Purchase Order #, Quantity, Description of Item Purchased, BP#, Item #, Extension and Total. **ALL INVOICES MUST BE MARKED WITH THE PURCHASE ORDER NUMBER. INVOICES WITHOUT THIS INFORMATION WILL NOT BE PROCESSED FOR PAYMENT.**

**WARRANTY/ GUARANTEE:** All warranties by manufacturer shall apply. Bidder shall, as part of its proposal, furnish its warranty/guarantee for all goods/services to be furnished hereunder. As a minimum, Bidder shall warrant all goods for a period of one (1) year from date of acceptance. Bidder shall be obligated to repair or replace all defects in material or workmanship, which are discovered or exist during said period. All labor, parts and transportation shall be at Bidder's expense.

**UNCONTEMPLATED PURCHASES:** Monroe County reserves the right to request separate bids for such quantities of items on this contract that may be best procured via separate public bid

offering and to otherwise act in furthering its own best interests.

**SUBCONTRACT:**

The Contractor shall not subcontract any work without first obtaining the written consent of the Monroe County Purchasing Manager.

**RELATED ITEMS:**

The County reserves the right to add miscellaneous related items to this contract during the contract term upon agreement by both parties as to the price. Approval must be given in writing by the Purchasing Manager or his Designee.

**REPORT OF  
PURCHASE:**

The Contractor must, upon request, provide the County Purchasing Manager with detailed information showing how much of each item was delivered, to any and all agencies under this contract. This includes deliveries to not only the County but any other municipality or agency which orders from this contract.

**OTHER AGENCIES:**

The Contractor(s) must honor the prices, terms and conditions of this contract with political subdivisions, school districts, fire districts or other district or public authority located entirely or partly within Monroe County. Usage of this contract by any of these other political subdivisions or agencies or corporations will have to be coordinated between that subdivision or agency or corporations and the contractor. Orders placed against this contract between any subdivision or agency or corporation will be contracts solely between the Contractor(s) and those entities. Monroe County will not be responsible for, nor will it have any liability or other obligation for, such contract between the Contractor(s) and any third party.

**INDEMNIFICATION:**

The Contractor agrees to defend, indemnify and save harmless the County, its officers, agents, servants and employees from and against any and all liability, damages, costs or expenses, causes of action, suits, judgments, losses and claims of every name not described, including attorneys' fees and disbursements, brought against the County which may arise, be sustained, or occasioned directly or indirectly by any person, firm or corporation arising out of or resulting from the performance of the services by the Contractor, arising from any act, omission or negligence of the Contractor, its agents and employees, or arising from any breach or default by the Contractor under this Agreement. Nothing herein is intended to relieve the County from its own negligence or misfeasance or to assume any such liability for the County by the Contractor.

**DETAILED SPECIFICATIONS FOR  
WHITE THERMO-APPLIED REFLECTIVE PAVEMENT STRIPING POWDER**

**DESCRIPTION**

The striping powder shall be a free flowing plastic type pavement marking material which is premixed with glass spheres for reflectorization. When flame-sprayed to clean Portland cement and asphalt concrete road surfaces by a suitable thermo-mechanical striper, the striping powder shall produce an instant dry to no pick-up, adherent, reflectorized stripe capable of resisting deformation by traffic.

**PHYSICAL CHARACTERISTICS OF STRIPING POWDER**

The striping powder shall be a dry mixture capable of freely flowing through the thermo-mechanical striper at the rate of 14 oz. to 18 oz. per 30 seconds even when exposed to combined conditions of high humidity (90% R.H.) and high ambient air temperature (100° F). The striping powder shall require no thinning, mixing or preheating prior to use and shall be satisfactorily usable at minimum road surface temperatures of 50°F and minimum ambient air temperature of 60°F.

**A. Color**

White, 80% diffuse reflectance relative to MgO, in accordance with Federal Test Method Standard No. 141a. Method 6121, paint, varnish, lacquer and related materials.

Color determinations shall be made on casts of samples melted at 300°F and poured into aluminum foil weighing dishes of the following dimensions:

Rim Diameter - 58MM  
Height - 18MM

**B. Particle Size**

The finished powder, as supplied, shall have the following grading:

<u>U.S. Sieve No.</u>	<u>Percent by Weight Retained</u>
30	0-2%
230	93-100%
Pan	0-5%

**C. Softing Point 215° to 225°F**

Test in accordance with "ring and ball softening point determination", A.S.T.M. Test No. E28-67

**GLASS SPHERES**

The finished powder shall contain intermixed glass spheres:

Note: Representative finished powder, samples, taken from a thoroughly mixed, full carbon of finished powder, must be used for all glass sphere determinations.

**A.** Index of refraction of glass spheres: 1.5 minimum

**B.** Percent by weight of glass spheres: 30% minimum  
35% maximum

1. Method of determination of percent by weight of glass spheres.

a. Equipment:

- 1) Laboratory triple beam balance
- 2) U.S. standard screen (270 mesh)
- 3) 400 ML glass beaker
- 4) Oven at 200°F

- b. Procedure:
- 1) Weigh 100 grams of finished powder into 400 ML beaker
  - 2) Add 200 ML of suitable solvent (alcohol, aromatic solvent or ketone)
  - 3) Stir until finished powder is dissolved
  - 4) Pour solution on 270 mesh screen. (Flush beaker with solvent to remove all of the beads)
  - 5) Wash the beads on the screen with solvent until they are clear
  - 6) Dry in oven at 200°F and weigh the amount of beads recovered
  - 7) Calculate percent of beads by:

$$\frac{\text{Wgt. of Beads}}{\text{Wgt. of Sample}} \times 100\% = \% \text{ of beads}$$

**C. Grading of glass spheres:**

<u>U.S. Sieve No.</u>	<u>Percent by Weight Retained</u>
40	0-5
70	15-60
230	35-85
Pan	0-15

Dispensed and properly applied by thermo-mechanical powder striper, the finished line shall be reflective and shall adhere so as to form a smooth continuous film on both Portland cement and asphaltic concrete road surfaces. Minor temporary line discoloration, due to surface soot, shall be permissible on adjacent overlapping lines. Lines exhibiting surface soot shall regain full color with traffic wear. A properly applied striping powder line shall not exhibit excessive bleeding when applied on cured asphalt surfaces. An applied line shall have the following specific properties:

**A. Dry to no pick-up (10 mil. application)**

Tested in accordance with A.S.T.M. Test No. D-771-67. Determination shall be made by averaging a minimum of three no pick-up readings at each pavement temperature tested.

Pavement temperature between 50°F and 90°F. Less than 10 seconds.

Pavement temperature between 90° F and 140°F. Less than 25 seconds.

**B. Color - As Specified**

**C. For adjacent overlapping lines, temporary discoloration values due to sooting.**

**D. Line appearance (wetting, powder fusion, color, etc.)**

**E. Bleed-through as asphalt - in accordance with A.S.T.M. Test No. D-969-54. Both not worse than No. 4 of photographic standards.**

**GENERAL CHARACTERISTICS, PACKAGING AND DELIVERY**

The finished powder shall be delivered F.O.B. Destination, ready for use and shall be packaged in cartons clearly identified as to manufacturer, color, contents and quantity and shall be free of clumps, foreign particles or other matter. Powder shall be furnished in 25 pound units and cartons employed for packaging shall withstand normal handling and shall have a suitable protective inter-liner to resist moisture absorption. The powder, as supplied, may be stored at temperatures not to exceed 90°F for up to one year, without adversely affecting the physical properties stated in this specification.

**GUARANTEE**

The bidder shall guarantee that all materials are of first quality throughout and comply in all respects or are fully equal to standards called for in the bid. The bidder shall further guarantee all material against any defects and to replace without cost, any material that has become defective due to no negligence on the part of the user, within a period of one year of date of delivery.

**UNIT PRICE SHEET**

**White Thermo-Applied Reflective Pavement Striping Powder      \$6.49/LB.**

**MONROE COUNTY PURCHASING**  
**Vendor Performance Survey**

**Contract Title:**

**Contract Number:**

**Vendor:**

Please rank the vendor performing the contract specified on a scale from "1" to "10" with "1" being poor, "5" average and "10" excellent. Please include any additional comments or suggestions in the space provided below. Monroe County Purchasing appreciates your input.

	Poor				Average					Excellent
	1	2	3	4	5	6	7	8	9	10
Item(s) supplied met specifications										
Product provided value (taking into account price, quality, etc.)										
Timeliness of delivery										
Completeness and accuracy of order										
Ability to contact representatives of vendor when needed? (If unavailable was call back prompt?)										
Invoices received promptly and accurately										
Recommendations received from the vendor (ie. product information, cost saving strategies, ideas for better use of resources, etc.)										

Survey Completed by:

Name:

Title:

Agency:

Telephone: \_\_\_\_\_ Fax:

E-mail:

***Please submit this survey to Monroe County Purchasing.***