

ARKANSAS STATE HIGHWAY & TRANSPORTATION DEPARTMENT
EQUIPMENT AND PROCUREMENT OFFICE
LITTLE ROCK, ARKANSAS

March 16, 2006

NOTICE TO BIDDERS
ADDENDUM

Bid No. M-06-160A – Paint, Bridge, Calcium Sulfonate
OPENING DATE: April 4, 2006

Specification SP 1146 was erroneously left out of the bid package. Please include the attached specification with the bid previously mailed to you.

ALL OTHER SPECIFICATIONS SHALL REMAIN THE SAME.

Doug Nielsen, Division Head
Equipment and Procurement

January 28, 1999

Revised: September 16, 2002

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

SPECIFICATIONS FOR SULFONATE PAINT

SP 1146

DESCRIPTION: This item shall consist of furnishing a one component, low VOC, surface tolerant, modified sulfonate based, high performance industrial coating that will provide long term protection even when applied over marginally prepared steel. Marginally prepared steel is defined as steel that has been cleaned in accordance with either SSPC-SP 2 (Hand Tool Cleaning), SSPC-SP 3 (Power Tool Cleaning), or SSPC-SP 7 (Brush-Off Blast Cleaning). This coating shall be self-priming, compatible with most existing topcoats and tightly adhered rust, and capable of being applied in a single high build coat. The coating will be lead and chromium free.

MATERIALS: The coating shall be capable of being applied in a single coat of at least 7 mils dry film thickness without sagging. The color shall be Aluminum meeting Federal Standard 595B color chip 37200 unless otherwise specified. The coating system shall have a minimum shelf life of 12 months. The supplier shall submit a complete certified lab analysis for each lot of material provided. The Aluminum color paint shall meet the following properties:

Pigment (35 - 39% by weight)	Range
Metallic, Non-Leafing Aluminum	23 - 26
Zinc Oxide and Calcium Ion Exchange Inhibitive Pigments	17 - 21
Color Pigments and Inerts	54 - 58
Thixotropy	0.5 - 1.5
Vehicle (61 - 65% by weight)	Range
Sulfonate/Polymer Solids and Alkyd	69 - 73
Driers, UV Absorbers and Solvent	27 - 31
Paint Analysis, by volume	
Pigment	14 - 18
Vehicle	82 - 86

Paint Properties

Total, SBV	65 - 73
Viscosity	70 - 110 KU
Weight per Gallon, lbs/gal	10.0 Min.
VOC, lbs/gal, as supplied	2.8 Max.
Fineness of Grind	4 Min.
Dry to Touch, 5 mils dft, 75°F, 50% RH	24 hrs.
Dry to Recoat, 5 mils dft, 75°F, 50% RH	72 hrs

Paint shall be uniform and free from grit and coarse particles

Dry Time Hours (3-4 MILS Dry Film):

Set to Touch	1-4
Tack Free	5-12
Dry Film	24-48

The Department reserves the right to test **all** material for compliance with these specifications.

The supplier is to submit by mail with each batch of paint supplied notarized certification from an independent testing laboratory that the paint and vehicle meets the requirements of these specifications. The supplier is also to submit by mail to the AHTD one quart of the vehicle and one quart of the mixed vehicle for testing.

APPLICATION REQUIREMENTS: The coating shall be capable of being applied by brush, roller, conventional spray equipment, or airless spray equipment.

METHOD OF MEASUREMENT: Payment shall be made by the gallon for the Sulfonate paint.

ITEM	UNIT
Sulfonate Paint	Gal.