

From: spo
Sent: Monday, January 09, 2012 1:02 PM
To: spo
Subject: SPO ALERT - Focus Group Meeting for re-bid of Contract Set T0721A0067, Asphalt Rubber Crack Sealant
Attachments: T072100067 - SOW.PDF

SPO ALERT

Date: January 9, 2012

To: State Agency Chief Procurement Officers, Cooperative Program membership

From: SPO on behalf of the Arizona Department of Transportation

Re: Re-bid of Contract Set T0721A0067, Asphalt Rubber Crack Sealant

ADOT Procurement will be holding a focus group meeting to re-bid Contract T0721A0067, Asphalt Rubber Crack Sealant.

Please bring any requirements you would like to discuss at this meeting.

- **Date:** Friday, January 20, 2011
- **Time:** 9:30 – 11:00 P.M.
- **Location:** ADOT Procurement Conference Room
1739 W. Jackson, Modular A
Phoenix, AZ 85007

Attached are the current specifications for your review.

R.S.V.P. to Amir Sakhi at asakhi@azdot.gov by Friday, January 13, 2012

SPO ALERTS are available
online at <http://spo.az.gov>

SECTION 1 SPECIFICATIONS

ARIZONA DEPARTMENT OF TRANSPORTATION
Procurement Group
1739 West Jackson Street, Suite A, 100P
Phoenix, Arizona 85007-3276
Phone: (602) 712-7211

SOLICITATION NO. T07-21-00067

1. SCOPE

The Arizona Department of Transportation on behalf of the State of Arizona (hereinafter referred to as the State), is seeking to establish a comprehensive statewide term contract to purchase Asphalt Rubber Crack Sealant.

2. SPECIFICATIONS FOR NON POLYMER MODIFIED ASPHALT RUBBER CRACK AND JOINT SEALANT

The crack and joint sealant shall be a mixture of paving asphalt and ground tire rubber, which conforms to the following requirements:

<u>Test</u>	<u>Test Method</u>	<u>Type A</u> Cold Climate	<u>Type B</u> Hot Climate
Softening Point	ASTM D-36	150 Degrees F. Min.	170 Degrees F. Min.
Cone Penetration @ 77 Degrees F.	ASTM D-5329	70 Maximum	15 - 35
Cone Penetration @ 39.2 Degrees F.	ASTM D-5329	15 Minimum	
Resilience @ 77 Degrees F.	ASTM D-5329	30% Minimum	40% Minimum
Asphalt Compatibility	ASTM D-5329	Pass	Pass

Sampling and Heating shall be in accordance with ASTM D-5078.

The ground rubber shall be free of fabric, wire or other contaminating materials. The gradation shall be 100% pass the Number 8 sieve and a maximum of 5% pass the Number 200 sieve. The sealant shall contain a minimum of 22% ground rubber for Type A and a minimum of 24% for Type B. These percentages are calculated by weight of the asphaltic material.

The sealant shall be supplied premixed in containers with a liner of non-adherent film. Crack sealant shall be packaged in boxes not to exceed 50 pound boxes with two (2) 25 pound blocks per package. Application, storage, heating and safety instructions shall be supplied with each shipment. Individual blocks shall weigh 25 pounds each.

The sealant shall be capable of being melted and applied to cracks and joints at temperatures below 400 degrees F. The sealant, when properly heated, shall readily penetrate cracks 1/4 inch or wider.

A Certificate of Analysis conforming to the requirements of subsection 106.05 (c) of the Arizona Department of Transportation Standard Specifications for Road and Bridge Construction, 2000, shall be accomplished for each lot of sealant. The

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Certificate shall list all test results including minimum percent of rubber, and certify that the sealant meets all requirements herein before listed. A copy of this Certificate shall be supplied with each shipment.

Copies of the 2000 Edition Standard Specifications for Road and Bridge Construction may be purchased by contacting:

Arizona Department of Transportation
Engineering Records
1655 W. Jackson, Room 112F
Phoenix, Arizona 85007
(602) 712-7498

**3. SPECIFICATIONS FOR POLYMER MODIFIED ASPHALT RUBBER
CRACK SEALANT**

The crack and joint sealant shall be a mixture of paving asphalt, ground tire rubber and polymer which conforms to the following requirements:

<u>Test</u>	<u>Test Method</u>	<u>Type 1</u> Cold Climate	<u>Type 2</u> Moderate Climate	<u>Type 3</u> Hot Climate
Cone Penetration @ 77° F.	ASTM D-5329	50-80	30-60	15-45
Resilience @ 77° F.	ASTM D-5329	30% Min.	30% Min.	30% Min.
Softening Point	ASTM D-36	160° F Min	180° F Min	190° F Min
Ductility @ 77° F	ASTM D-113	30 cm Min	30 cm Min	30 cm Min
Asphalt Compatibility	ASTM D-5329	Pass	Pass	Pass
Bitumen Content	ASTM D-4	60% Min	60% Min	60% Min
Tensile Adhesion	ASTM D-5329	500% Min	500% Min	500% Min

Sampling and Heating shall be in accordance with ASTM D-5078.

The ground rubber shall be free of fabric, wire or other contaminating materials. The gradation shall be 100% pass the Number 8 sieve and a maximum of 5% pass the Number 200 sieve.

The sealant shall be supplied premixed in containers with a liner of non-adherent film. Crack sealant shall be packaged in boxes not to exceed 50 pound boxes with two (2) 25 pound blocks per package. Application, storage, heating and safety instructions shall be supplied with each shipment. Individual blocks shall weigh 25 pounds each.

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A Certificate of Analysis conforming to the requirements of subsection 106.05 (c) of the Arizona Department of Transportation Standard Specification for Road and Bridge Construction, 2000, shall be accomplished for each lot of sealant. The Certificate shall list all test results and certify that the sealant meets all requirements herein before listed. A copy of this Certificate shall be supplied with each shipment.

4. GENERAL REQUIREMENTS

All materials supplied shall comply with the Arizona Department of Transportation Standard Specifications for Road and Bridge Construction 2000, including but not limited to:

13.1 Pit Clearance from ADOT Environmental Planning at (602) 712-7767
(<http://www.ADOTenvironmental.com>)

13.2 Material approval from the ADOT Materials Specification Group at
(602) 712-8930 (<http://www.dot.state.az.us/ABOUT/materials/index.htm>).

13.3 Section 104 – Environmental Analysis - See Exhibit 1

13.4 Section 1001-MATERIAL SOURCES - See Exhibit 2

All sources of mineral aggregate (i.e. stone, gravel, cinders, sand, etc.) must be approved in accordance with Section 1001 of ADOT's 2000 Standard Specifications for Road and Bridge Construction. This includes the submission and approval of an environmental analysis prepared in accordance with Subsection 104.12.

If the Department determines that the proposed use will have major adverse impact on cultural or historic resources, the Department will not allow the use of the source.

5. SUBSTITUTE PRODUCTS

The State requests substitute products with low or no-content of reactive organic compounds.