

TOWN OF PINETOP-LAKESIDE

RESOLUTION NO. 17-1421

A RESOLUTION OF THE MAYOR AND TOWN COUNCIL OF THE TOWN OF PINETOP-LAKESIDE, ARIZONA, AUTHORIZING THE USE OF CITY OF YUMA'S COOPERATIVE PURCHASE AGREEMENT BID SOLICITATION NO. 2016-20000024 WITH AMERICAN PAVEMENT PRESERVATION, INC. TO COMPLETE PAVEMENT PRESERVATION PROJECT PW 17-006.

WHEREAS, the Town of Pinetop-Lakeside ("Town") Public Works Department has completed the Town's 2017 Pavement Preservation Map to complete Pavement Preservation Project PW 17-006; and

WHEREAS, the Town of Pinetop-Lakeside has requested entering into a Cooperative Purchase Agreement with the City of Yuma which meets State of Arizona Procurement Code, A.R.S. § 41-2632 and Yuma City Code § 36-18, allowing the Town to use, and participate in a Cooperative Purchase Agreement; and

WHEREAS, the City of Yuma Bid Solicitation No. 2016-20000024 with American Pavement Preservation, Inc. is applicable to complete the Town's Pavement Preservation Project PW 17-006; and

WHEREAS, the Town's Pavement Preservation Project PW 17-006 scope of work will complete slurry seal application to various streets (approximately 136,000 Square Yards) within the Town; and

WHEREAS, American Pavement Preservation, Inc. ("Contractor") a licensed and bonded contractor is familiar and worked on pavement preservation project(s) for, and around the Town of Pinetop-Lakeside; and

WHEREAS, the Contractor's Bid Response Quote (\$1.153 per square yard) to Solicitation No. 2016-20000024 is deemed fair and equitable to current and past projects associated with, or around the Town of Pinetop-Lakeside; and

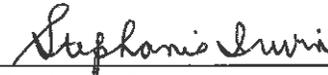
WHEREAS, the City of Yuma's complete Bid Solicitation No. 2016-20000024 packet is attached as Exhibits "A.1, A.2 and A.3."

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Town Council of the Town of Pinetop-Lakeside, Arizona, hereby authorizing the use of City of Yuma's Cooperative Purchase Agreement Bid Solicitation No. 2016-20000024 with American Pavement Preservation, Inc. to:

- 1) Complete the Pavement Preservation Project PW 17-006 contingent upon executed Cooperative Purchase Agreement with Yuma;
- 2) Authorize the Town Manager to execute all documents necessary to execute this agreement.

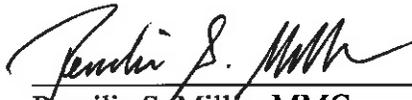
PASSED AND ADOPTED by a majority vote of the Mayor and Town Council of the Town of Pinetop-Lakeside in an open meeting on this 6th day of July 2017.

TOWN OF PINETOP-LAKESIDE



Stephanie Irwin
Mayor

ATTEST:



Remilie S. Miller, MMC
Town Clerk



APPROVED AS TO FORM:



William J. Sims, III
Town Attorney

Exhibit "A.1"



REQUEST FOR CITY COUNCIL ACTION

MEETING DATE: October 21, 2015

DEPARTMENT: Finance

DIVISION: Purchasing

- Motion
- Resolution
- Ordinance - Introduction
- Ordinance - Adoption
- Public Hearing

TITLE:

Bid Award: Slurry Seal Services

SUMMARY RECOMMENDATION:

Award to the lowest responsive/responsible bidder a one-year contract with the option to renew for four additional one-year periods for Slurry Seal Services at an estimated annual cost of \$540,000.00 to:

American Pavement Preservation Las Vegas, Nevada

(Public Works/Streets - Bid #2016-2000024) (Joel Olea)

REPORT:

The Public Works Department Streets Division budgets each year to apply slurry seal to various streets within the City in order to preserve and extend the useful life of the asphalt roadway.

The bid was distributed for solicitation as follows:

BID STATISTICS	TOTAL	LOCAL VENDORS
Documents Downloaded	19	4
Bids Received	3	0

FISCAL REQUIREMENTS	CITY FUNDS: \$540,000.00	BUDGETED: \$540,000.00
	STATE FUNDS: \$0.00	AVAILABLE TO TRANSFER: \$0.00
	FEDERAL FUNDS: \$0.00	IN CONTINGENCY: \$0.00
	OTHER SOURCES: \$0.00 \$0.00 \$0.00	FUNDING FOR THIS ITEM IS FOUND IN THE FOLLOWING ACCOUNT / FUND / CIP: 101-4031-6501
	TOTAL: \$540,000.00	
FISCAL IMPACT STATEMENT:		
ADDITIONAL INFORMATION	SUPPORTING INFORMATION NOT ATTACHED TO THE CITY COUNCIL ACTION FORM THAT IS ON FILE IN THE OFFICE OF THE CITY CLERK: 1. 2. 3. 4. 5.	
	IF CITY COUNCIL ACTION INCLUDES A CONTRACT, LEASE OR AGREEMENT, WHO WILL BE RESPONSIBLE FOR ROUTING THE DOCUMENT FOR SIGNATURE AFTER CITY COUNCIL APPROVAL? <input checked="" type="radio"/> Department <input type="radio"/> City Clerk's Office <input type="checkbox"/> Document to be recorded	
SIGNATURES	CITY ADMINISTRATOR: Gregory K. Wilkinson	DATE: 10/13/2015
	REVIEWED BY CITY ATTORNEY: Steven W. Moore	DATE: 10/13/2015
	RECOMMENDED BY (DEPT/DIV HEAD): Pat Wicks	DATE: 10/5/2015
	WRITTEN/SUBMITTED BY: Mary E. Roman / Robin R. Wilson	DATE: 10/5/2015



City of Yuma City Council Meeting Agenda

Wednesday, October 21, 2015

5:30 PM

Yuma City Hall Council Chambers

Notice is hereby given, pursuant to Resolution R2008-55 that one or more members of the Yuma City Council may participate in person or by telephonic, video or internet conferencing. Voting procedures will remain as required by the Yuma City Charter and other applicable laws.

CALL TO ORDER

INVOCATION

PLEDGE OF ALLEGIANCE

ROLL CALL

FINAL CALL

Final call for submission of Speaker Request Forms for agenda related items.

PRESENTATIONS

- Proclamation reading of 'Cities and Towns Week'

I. MOTION CONSENT AGENDA

All items listed on the Motion Consent Agenda will be considered and enacted with one motion. There will be no separate discussion of these items unless a Councilmember so requests. In which event, the item will be removed from the Motion Consent Agenda and the vote or action will be taken separately.

A. Approval of minutes of the following City Council meeting(s):

1. [MC 2015-207](#) Regular City Council Meeting Draft Minutes April 15, 2015
Attachments: [1. 2015 04 15 RCM minutes](#)
2. [MC 2015-208](#) Regular City Council Worksession Draft Minutes July 14, 2015
Attachments: [1. 2015 07 14 RWS minutes](#)

B. Approval of staff recommendations:**1. [MC 2015-000](#)****Executive Sessions**

Executive Sessions may be held at the next regularly scheduled Special Worksession, Regular Worksession and City Council Meeting for personnel, legal, litigation and real estate matters pursuant to A.R.S. § 38-431.03 Section A (1), (3), (4), and (7). (City Attorney)

2. [MC 2015-200](#)**Special Event Liquor License: Caballeros de Yuma - Colorado River Crossing Balloon Festival**

Approve a Special Event Liquor License application submitted by Barry Olsen, on behalf of Caballeros de Yuma, Inc. for the Colorado River Crossing Balloon Festival. The festival will be held at Desert Sun Stadium, located at 1280 W. Desert Sun Drive, on Saturday, November 21, 2015 from 11:00 a.m. to 9:00 p.m. (SP15-50) (Administration/City Clerk) (Lynda L. Bushong)

Attachments:

[1. RFCCA Special Event Liquor License: Caballeros de Yuma - Balloon Festival](#)

3. [MC 2015-201](#)**Liquor License: Omega Restaurant and Bar**

Approve a New (Series #12) Restaurant and Bar, Liquor License application, submitted by Ioannis E. Bartzis, agent for Omega Restaurant and Bar, located at 3181 S 4th Avenue, Yuma, Arizona. (LL15-16) (Administration/City Clerk) (Lynda L. Bushong)

Attachments:

[1. RFCCA LL15-16 Omega Restaurant & Grill](#)

4. [MC 2015-202](#)**Bid Award: Slurry Seal Services**

Award to the lowest responsive/responsible bidder for Slurry Seal Services at an estimated annual cost of \$540,000.00 to: American Pavement Preservation, Las Vegas, Nevada. (Finance/Purchasing) (Joel Olea)

Attachments:

[1. RFCCA Bid Award: Slurry Seal Svcs.](#)

[2. Sprdsheet Bid Award: Slurry Seal Svcs.](#)

5. [MC 2015-203](#) **Cooperative Purchase Agreement: Ground & Turf Maintenance Replacement Parts and Equipment**
- Authorize the purchase of Ground and Turf Maintenance Replacement Parts and Equipment utilizing any one of the vendors utilizing the Mohave Education Services cooperative purchase agreements at an estimated annual amount of \$54,129.00 for Ground and Turf Replacement Parts and additional \$527,000.00 for Ground and Turf Equipment Replacement for fiscal year 2016 at an estimated total expenditure of \$797,645.00. Mohave Education Services cooperative is a one year term renewable for four additional one year terms. A&G Turf Equipment, Phoenix, Arizona; Bingham Equipment Company, Meza, Arizona; Bobcat Company, West Fargo, North Dakota; Deere & Company, Cary, North Carolina and Simpson Norton Corporation, Goodyear, Arizona. (Bid#2016-20000057/Parks and Recreation) (Debbie Wendt)
- Attachments:** [1. RFCCA Cooperative Purchase Agmt.: Ground & Turf Maintenance](#)
6. [MC 2015-204](#) **Grant Award: Governor's Office of Highway Safety - Selective Traffic Enforcement Program (STEP) Enforcement Overtime and Equipment**
- Authorize the City Administrator and City Staff to execute contracts with the Arizona Governor's Office of Highway Safety for highway safety projects in accordance with Arizona's federal fiscal year 2015-2016 Highway Safety Plan. (Police/Patrol) (John Lekan)
- Attachments:** [1. RFCCA Governor's Office of Hwy Safety: STEP](#)
[2. AGMT. Governor's Office of Highway Safety: STEP](#)
7. [MC 2015-205](#) **Grant Award: Governor's Office of Highway Safety - DUI/Impaired Driving Enforcement Overtime**
- Authorize the City Administrator to execute a contract with the Arizona Governor's Office of Highway Safety for highway safety projects in Arizona's federal fiscal year 2015-2016 Highway Safety Plan. (Police/Patrol) (John Lekan)
- Attachments:** [1. RFCCA Gov's Off. Hwy. Safety: DUI OT 2015](#)
[2. AGMT Gov's Off. Hwy. Safety: DUI OT 2015](#)

8. [MC 2015-206](#) **Grant Award: Governor's Office of Highway Safety - DUI/Impaired Driving Enforcement Equipment**
- Authorize the City Administrator to execute a contract with the Arizona Governor's Office of Highway Safety for highway safety projects in accordance with Arizona's federal fiscal year 2015-2016 Highway Safety Plan. (Police/Patrol) (John Lekan)
- Attachments:**
- [1. RFCCA Grant Award: GOHS Impaired Driving](#)
 - [2. AGMT. Grant Award: GOHS Impaired Driving](#)
9. [MC 2015-195](#) **Final Plat Time Extension: Tuscany Medical and Professional Plaza, Phase 2**
- Approve the final plat time extension for Tuscany Medical and Professional Plaza, Phase 2. The property is located at the southwest corner of 28th Street and 21st Drive. The applicant is Edais Engineering, on behalf of Tuscany Holdings Phase II, LLC. (TIMEX-11036-2015) (Community Development/Community Planning) (Laurie Lineberry)
- Attachments:**
- [1. RFCCA Final Plat Time Extension: Tuscany Medical Plaza, Phase 2](#)
 - [2. P&Z Rot. Final Plat Time Extension: Tuscany Medical Plaza, Phase 2](#)

II. RESOLUTION CONSENT AGENDA

All items listed on the Resolution Consent Agenda will be considered and enacted with one motion. There will be no separate discussion of these items unless a City Councilmember so requests or a Speaker Request Form has been submitted. In which event, the item will be removed from the Resolution Consent Agenda and the vote or action will be taken separately.

1. [R2015-044](#) **Extension of Expired Development Fee Deferrals**
- At the developer's option and upon the payment of a \$500 administrative fee, authorize the City Administrator to execute new agreements to defer City of Yuma development fees and water and sewer capacity charges for any of the developments listed in Exhibit A. This permits multiple deferrals within a subdivision as the agreement covers the entire subdivision. The effective length of each deferral agreement is for two years from the date of execution. (Engineering/Development Engineering) (Joshua Scott)
- Attachments:**
- [1. RFCCA Development Fee Deferral Extensions.doc](#)
 - [2. RES Development Fee Deferral Extensions](#)
 - [3. EXH A Development Fee Deferral Extensions](#)

2. [R2015-045](#) **Real Property Exchange and Development Agreement: Kenyons Market, Inc.**

Approve a Real Property Exchange and Development Agreement with Kenyon's Market in accordance with the terms of the Agreement. (Administration) (Gregory K. Wilkinson)

Attachments:

1. [RFCCA Kenyon's Market](#)
2. [MAP Kenyon's Market](#)
3. [RES Kenyon's Market](#)
4. [AGMT. Kenyon's Market](#)

III. ADOPTION OF ORDINANCES CONSENT AGENDA

All items listed on the Ordinances Consent Agenda will be considered and enacted with one motion. There will be no separate discussion of these items unless a City Councilmember so requests or a Speaker Request Form has been submitted. In which event, the item will be removed from the Ordinance Consent Agenda and the vote or action will be taken separately.

1. [O2015-056](#) **Amend Ordinance No. O2015-011**

Amend the legal descriptions of Ordinance No. O2015-011 which authorized the acquisition, by exchange for City-owned surplus property, purchase, or through the use of eminent domain, of certain necessary right-of-way and temporary construction easements owned by PMG Partnership, L.L.C., located in the vicinity of the northeast corner of 16th Street and 4th Avenue. (City Administration) (Ricky Rinehart)

Attachments:

1. [RFCCA PMG Property Acquisition.doc](#)
2. [ORD PMG Property Acquisition.rtf](#)

IV. INTRODUCTION OF ORDINANCES

The following ordinance(s) is presented to the City Council for introduction. No vote or action by the City Council is necessary. However, the City Council may, at its option, vote or take action where appropriate. Ordinances given introduction are generally presented to the City Council for adoption at the next Regular City Council meeting.

1. [O2015-057](#) **Yuma City Code Amendment: Title 21, Chapter 211 "Traffic Rules"**

Amend Yuma City Code, Title 21, Chapter 211 by adding sections 09 and 10 related to regulating distracted driving. (Police/Patrol) (John Lekan)

Attachments:

1. [RFCCA Distracted Driving](#)
2. [ORD Distracted Driving](#)

V. PUBLIC HEARING AND RELATED ITEMS

There are no Public Hearings scheduled at this time.

FINAL CALL

Final call for submission of Speaker Request Forms for Call to the Public.

VI. APPOINTMENTS, ANNOUNCEMENTS AND SCHEDULING

Discussion and possible action on the following items:

1. Appointments:

There are no appointments scheduled at this time.

2. Announcements:

City Council report on meetings/events attended – City Council report on issues discussed in meetings/events attended by a City Council representative in their official capacity as the City's representative during the period of 10/8/2015 through 10/21/2015. City Council questions regarding the update must be limited solely for clarification purposes. If further discussion is warranted, the issue will be added to a future agenda for a detailed briefing.

City Council report of upcoming meetings.

City Council request for agenda items to be placed on future agendas.

3. Scheduling:

Motion to schedule future City Council meetings pursuant to Arizona Revised Statutes Section 38-431.02 and the Yuma City Code, Chapter 30.

VII. SUMMARY OF CURRENT EVENTS

This is the City Administrator's opportunity to give notice to the City Council of current events impacting the City. Comments are intended to be informational only and no discussion, deliberation or decision will occur on this item.

VIII. CALL TO THE PUBLIC

Members of the public may address the City Council on matters that are not listed on the City Council agenda. The City Council cannot discuss or take legal action on any matter raised unless it is properly noticed for discussion and legal action. At the conclusion of the Call to the Public, individual members of the City Council may respond to criticism made by those who have addressed the City Council, may ask staff to review a matter or may ask that a matter be placed on a future agenda. All City Council meetings are recorded and videotaped.

IX. EXECUTIVE SESSION

An Executive Session may be called during the public meeting for the purpose of receiving legal advice for items on this agenda pursuant to A.R.S. Section 38-431.03 A (1, 3, 4 and/or 7) and the following items:

- A. Discussion, consultation with and/or instruction to legal counsel regarding the ADOT language on Avenue 3E/Highway 95 Intergovernmental Agreement. (ARS 38-431.03 A3 and A4)
- B. Discussion, consultation with and/or instruction to legal counsel regarding the local preference ordinance and City Charter provision. (ARS 38-431.03 A3 and A4)
- C. Discussion, consultation with and/or instruction to legal counsel regarding 4th Avenue and 16th Street Development Agreements. (ARS 38-431.03 A3 and A4)

ADJOURNMENT

In accordance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973, the City of Yuma does not discriminate on the basis of disability in the admission of or access to, or treatment or employment in, its programs, activities, or services. For information regarding rights and provisions of the ADA or Section 504, or to request reasonable accommodations for participation in City programs, activities, or services contact: ADA/Section 504 Coordinator, City of Yuma Human Resources Department, One City Plaza, Yuma, AZ 85364-1436; (928) 373-5125 or TTY (928) 373-5149.



[Sign In](#)

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Details

Meeting Name: [City Council Meeting](#) Agenda status: Final
 Meeting date/time: 10/21/2015 5:30 PM Minutes status: Final
 Meeting location: Yuma City Hall Council Chambers
 Published agenda: [Agenda](#) Published minutes: [Approved Minutes](#)
 Meeting video: Not available
 Attachments: [Legal Summary](#)

Meeting Items (15)

File #	Ver	Agenda #	Name	Type	Title	Action	Result	Action Details	Video
MC 2015-207	1	1.		motion	Regular City Council Meeting Draft Minutes April 15, 2015	APPROVED	Pass	Action details	Not available
MC 2015-208	1	2.		motion	Regular City Council Worksession Draft Minutes July 14, 2015	APPROVED	Pass	Action details	Not available
MC 2015-000	2	1.		Executive Session	Executive Sessions			Action details	Not available
MC 2015-200	1	2.		motion	Special Event Liquor License: Caballeros de Yuma - Colorado River Crossing Balloon Festival	APPROVED	Pass	Action details	Not available
MC 2015-201	1	3.		motion	Liquor License: Omega Restaurant and Bar	APPROVED	Pass	Action details	Not available
MC 2015-202	1	4.		motion	Bld Award: Slurry Seal Services	APPROVED	Pass	Action details	Not available
MC 2015-203	1	5.		motion	Cooperative Purchase Agreement: Ground & Turf Maintenance Replacement Parts and Equipment	APPROVED	Pass	Action details	Not available
MC 2015-204	1	6.		motion	Grant Award: Governor's Office of Highway Safety - Selective Traffic Enforcement Program (STEP) Enforcement Overtime and Equipment	APPROVED	Pass	Action details	Not available
MC 2015-205	1	7.		motion	Grant Award: Governor's Office of Highway Safety - DUI/Impaired Driving Enforcement Overtime	APPROVED	Pass	Action details	Not available
MC 2015-206	1	8.		motion	Grant Award: Governor's Office of Highway Safety - DUI/Impaired Driving Enforcement Equipment	APPROVED	Pass	Action details	Not available
MC 2015-195	1	9.		motion	Final Plat Time Extension: Tuscany Medical and Professional Plaza, Phase 2	APPROVED	Pass	Action details	Not available
R2015-044	1	1.		resolution	Extension of Expired Development Fee Deferrals	ADOPTED as AMENDED	Pass	Action details	Not available
R2015-045	1	2.	Kenyon's Market	resolution	Real Property Exchange and Development Agreement: Kenyons Market, Inc.	ADOPTED as AMENDED	Pass	Action details	Not available
O2015-056	1	1.		ordinance	Amend Ordinance No. O2015-011	ADOPTED	Pass	Action details	Not available
O2015-057	1	1.		ordinance	Yuma City Code Amendment: Title 21, Chapter 211 "Traffic Rules"			Action details	Not available

Exhibit "A.2"

**SLURRY SEAL SERVICES
BID FORM**

Arizona Revised Statutes Compliance - Verification of Employment Eligibility

Verification of Employment Eligibility: Pursuant to A.R.S. § 41-4401, "After September 30, 2008, a government entity shall not award a contract to any Company or subcontractor that fails to comply with" the requirements of A.R.S. § 23-214. Section 23-214 imposes requirements upon employers to verify the employment eligibility of all its employees as set forth in that statute and its related definitions.

The City of Yuma will not enter into a contract with any Company or its providers or subcontractors that is/are not are in compliance with the requirements of A.R.S. § 23-214. All bidders and proposers agree and acknowledge that the City of Yuma is relying on the representations set forth in this Verification of Employment Eligibility form and would not consider a bid or proposal without the completion of this form by the bidder or proposer.

By signing below, Company, as named below, represents and warrants that this company is in full compliance with all federal, state, and local laws, rules, and regulations regarding employment eligibility of all its employees, including use of the requirements of A.R.S. § 23-214, and Company shall remain in compliance during the term of any (Contract)(Agreement) that it is awarded by the City of Yuma.

Company further represents and warrants that all providers or subcontractors providing goods or services under this (Contract)(Agreement) are in compliance with all federal, state, and local laws, rules and regulations regarding employment eligibility of all employees, including A.R.S. § 23-214, and that Company shall require all providers and subcontractors to remain in compliance during the term of any (Contract)(Agreement) that Company has with the City of Yuma.

Company shall defend, indemnify and hold the City of Yuma harmless from any loss, damage, expense, liability, penalty, claim, or fee (including reasonable attorneys fees) caused by or arising from, directly or indirectly, in whole or in part, any false or inaccurate representation set forth above, breach of any warranties set forth above, and/or any other failure to comply with A.R.S. § 23-214 or any other requirements of this Verification of Employment Eligibility form.

Under the provisions of A.R.S. § 41-4401, Company hereby warrants to the City that the Company and each of its subcontractors ("Subcontractors") will comply with, and are contractually obligated to comply with, all Federal Immigration laws and regulations that relate to their employees and A.R.S. § 23-214(A) (hereinafter "Company Immigration Warranty").

A breach of the Company Immigration Warranty shall constitute a material breach of this Contract and shall subject the Company to penalties up to and including termination of this Contract at the sole discretion of the City.

The City retains the legal right to inspect the papers of any Company or Subcontractors employee who works on this Contract to ensure that the Company or Subcontractor is complying with the Company Immigration warranty. Company agrees to assist the City in regard to any such inspections.

The City may, at its sole discretion, conduct random verification of the employment records of the Company and any of subcontractors to ensure compliance with Company's Immigration Warranty. Company agrees to assist the City in regard to any random verification performed.

Neither the Company nor any Subcontractor shall be deemed to have materially breached the Company Immigration Warranty if the Company or Subcontractor establishes that it has complied with the employment verification provisions prescribed by section 274A and 274B of the Federal Immigration and Nationality Act and the E-Verify requirements prescribed by A.R.S. § 23-214, Subsection A.

The provision of this Article must be included in any contract the Company enters into with any and all of its subcontractors who provide services under this Contract or any subcontract. "Services" are defined as furnishing labor, time or effort in the State of Arizona by a Company or subcontractor. Services include construction or maintenance of any structure, building or transportation facility or improvement to real property.

Vendor (Business Name)

AMERICAN PAVEMENT PRESERVATION LLC

Contact Name & Title

Eric M. Reinisch

Date

September 15 2015



CITY OF YUMA
Slurry Seal Services
BID No. 2016-20000024
Attachment C

ARIZONA STATUTORY BID BOND
PURSUANT TO TITLES 28, 34 AND 41, ARIZONA REVISED STATUTES

(Penalty of this bond must not be less than 10% of the bid amount)

KNOW ALL MEN BY THESE PRESENTS:

That, AMERICAN PAVEMENT PRESERVATION, LLC (hereinafter "Principal"), as Principal, and WESTERN SURETY COMPANY (hereinafter "Surety"), a corporation organized and existing under the laws of the State of South Dakota, with its principal offices in the City of Sioux Falls, holding a certificate of authority to transact surety business in Arizona issued by the Director of the Department of Insurance pursuant to Title 20, Chapter 2, Article 1, as Surety, are held and firmly bound unto City of Yuma, (hereinafter "Obligee"), as Obligee, in the amount of Ten Percent (10%) of the amount of the bid of Principal, submitted by Principal to the Obligee for the work described below, for the payment of which sum, the Principal and Surety bind themselves, and their heirs administrators, executors, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for

SLURRY SEAL SERVICES; Bid No.: 2016-20000024

Now, therefore, if the Obligee accepts the proposal of the Principal and the Principal enters into a contract with the Obligee in accordance with the terms of the proposal and gives the bonds and certificates of insurance as specified in the standard specifications with good and sufficient surety for the faithful performance of the contract and for the prompt payment of labor and materials furnished in the prosecution of the contract, or in the event of the failure of the Principal to enter into the contract and give the bonds and certificates of insurance, if the Principal pays to the Obligee the difference not to exceed the penalty of the bond between the amount specified in the proposal and such larger amount for which the Obligee may in good faith contract with another party to perform the work covered by the proposal then this obligation is void. Otherwise it remains in full force and effect provided, however, that this bond is executed pursuant to the provisions of Section 34-201, Arizona Revised Statutes, and all liabilities on this bond shall be determined in accordance with the provisions of the section to the extent as if it were copied at length herein.

Witness our hands this 10th day of September, 2015

AMERICAN PAVEMENT PRESERVATION, LLC
PRINCIPAL SEAL

WESTERN SURETY COMPANY
SURETY SEAL

By: [Signature]
Title: Vice President

By: [Signature]
Rene M. Casprowitz, Attorney-in-Fact

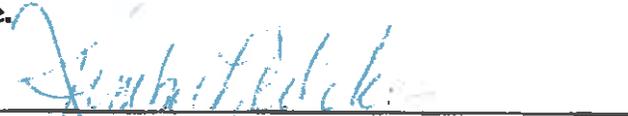
Cragin & Pike, Inc.
Agency of Record
2603 W. Charleston Boulevard
Las Vegas, NV 89102
Agency Address

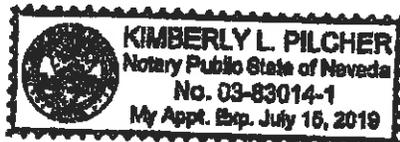
NOTARIAL ACKNOWLEDGEMENT

State of NEVADA

County of CLARK

On the 10th day of SEPTEMBER in the year 2015, before me personally appeared RENA M. CASPROWITZ, known to me to be the ATTORNEY-IN-FACT of the WESTERN SURETY COMPANY, known to me to be the person who executed the within Instrument, on behalf of the Corporation, therein names, and acknowledged to me that such Corporation executed the same.





Kimberly L. Pilcher

My commission expires 07/15/2019

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Thomas J Burns, Greg J Mc Kinley, Scott T Kerestesi, Rena M Casprowitz, Individually

of Las Vegas, NV, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 11th day of August, 2015.

WESTERN SURETY COMPANY

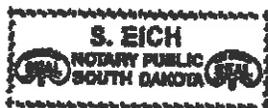


Paul T. Brufat
Paul T. Brufat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 11th day of August, 2015, before me personally came Paul T. Brufat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires
February 12, 2021



S. Eich
S. Eich, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 11th day of September 2015

B111



WESTERN SURETY COMPANY

L. Nelson
L. Nelson, Assistant Secretary

Exhibit "A.3"

**CITY OF YUMA
PURCHASING DIVISION
NOTICE OF INVITATION FOR FORMAL BID**



BID NUMBER: 2016-20000024

BID TITLE: Slurry Seal Services

BID DUE DATE AND TIME:

Tuesday, September 15, 2015 @ 2:00 pm Arizona Time

SCOPE OF WORK: Purchase and Delivery of Slurry Seal Services. This will be a one-year contract with the option to renew for four additional one-year periods, one period at a time based on performance and availability of funds.

BID OPENING AND SUBMITTAL LOCATION:

Please submit your bid to:

City of Yuma
Purchasing Division
One City Plaza
Yuma, AZ 85364-1436

Vendor shall return the Bid Form in a sealed envelope that clearly identifies the bid number, vendor's name and address. Bids must be received in the office of Purchasing Division, One City Plaza, Yuma, Arizona 85364 no later than the time stated in the bid. The time/date recorder located in the Purchasing Division Office will be used to record the official time of receipt.

SPECIAL NOTE: All Bidders must register with www.AZPurchasing.org. Please be advised if this solicitation is received by other than downloading the solicitation directly from www.AZPurchasing.org, you may not receive all the required documents. The City of Yuma will not accept any bids that are not on a City of Yuma Bid Form, which accompanies this solicitation.

**VENDORS ARE STRONGLY ENCOURAGED TO
CAREFULLY READ THE ENTIRE BID.**

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CITY OF YUMA
PURCHASING DIVISION

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BID FORM (Return All Pages)

VENDOR CHECKLIST
****IMPORTANT****

- The appropriate principal of the firm has signed the bid.
- The bid prices offered have been reviewed and include shipping cost.
- The price extensions and totals have been checked. Unit prices will prevail.
- Any required samples or descriptive literature have been included.
- All individual samples or descriptive literature have been identified with Vendor's name and City's bid number.
- If required, the bid surety has been included.
- Bid Package and/or Envelope have been identified with Vendor's name, bid number and bid title.
- Documents, forms, and any information identified as part of the bid submittal have been included.
- All pages marked "Return This Page" have been properly filled in and returned.
- Signed and returned the Arizona Revised Statutes Compliance Form (last page of Bid Form).

check list

INSTRUCTIONS TO VENDORS

IT IS THE RESPONSIBILITY OF ALL VENDORS TO EXAMINE THE ENTIRE BID AND SEEK CLARIFICATION OF ANY ITEM OR REQUIREMENT THAT MAY NOT BE CLEAR AND TO CHECK ALL RESPONSES FOR ACCURACY BEFORE SUBMITTING A BID.

1. COMMUNICATIONS WITH THE CITY:

All Vendor communication (phone, fax, email, mail, courier, overnight deliver, or other service) concerning this Bid must be directed to the Purchasing Division. The Point of Contact is

City of Yuma Purchasing Division
Attn: Mary E. Homan, Buyer
(928) 373-5114 - Telephone
(928) 373-5115 - Fax
Mary.Homan@YumaAZ.gov

Unless authorized by the individual above, no other City official or City employee is empowered to speak for the City with respect to the Bid. Any Vendor seeking to obtain information, clarification, or interpretations from any other City official or City employee other than the person identified above, is advised that such material is used at the Vendors own risk. The City will not be bound by any such information, clarification, or interpretation.

At no time prior to award of bid will Vendor have any communication with any City employee, except the person identified above. Contact by a Vendor regarding this Bid with a City employee other than a Purchasing Division representative may be considered grounds for rejection of the bid submitted.

As questions submitted require adequate time for response preparation, Vendors are asked to forward all questions to the person listed above, at least 72 hours prior to the date and time set forth for the opening of bids. The City will not guarantee questions received within 72 hours or less of bid opening can or will be addressed.

2. PRE-BID CONFERENCE:

If a pre-bid conference is scheduled, the date and time of this conference will be indicated in this document. Vendor attendance is highly recommended, though not mandatory. The purpose of this conference will be to clarify the contents of this bid in order to prevent any misunderstandings of the City's position. Any doubt as to the requirements of this bid or any apparent omission or discrepancy may be presented in writing or in person to the City at this conference. Oral statements or instructions will not constitute an amendment to this bid. The City will determine the appropriate action necessary, if any, and issue a written addendum to the bid.

3. PREPARATION OF BID:

- A. All bids must be submitted on the forms provided in this bid and must not be altered in any manner. It is permissible to copy these forms as required.
- B. All items must be new and unused, unless otherwise stated in the specifications.
- C. The Price Page of the bid must be submitted with an original signature of an officer of the firm authorized to contract for the work, and if necessary must initial erasures, interlineations or other modifications in the bid.
- D. No bid will be altered, amended or withdrawn after the specified time and date for opening bids.
- E. Envelopes with insufficient postage will not be accepted by the City of Yuma.

4. ADDENDA:

Receipt and acceptance of a Bid addendum is to be acknowledged by signing and returning the document with the bid response.

INSTRUCTIONS TO VENDORS

5. BID SUMMARY:

Vendor will provide all bid information and must answer all conformance questions as requested.

6. TAXES:

Unless specifically required in this bid, do not include any sales tax, use tax, or Federal Excise Tax in your bid pricing. Unit price will not include any tax. Taxes may be added to invoices and must be current Arizona State Tax and your local tax as applicable.

7. FEDERAL EXCISE TAX:

The City of Yuma is exempt from Federal Excise Tax for petroleum products including Federal Transportation Tax.

8. INVOICING:

In order to receive prompt payment for goods or services to the City of Yuma, the vendor is required to submit an original invoice to City of Yuma Finance Department/Accounting Division, One City Plaza, Yuma, Arizona 85364-1436 or email to payables@YumaAz.gov as indicated on the Purchase Order. Invoices must show:

- 1) City Purchase Order Number & Contract (Bid) Number
- 2) Complete descriptions of the goods or services furnished
- 3) Quantity
- 4) Unit prices and extensions
- 5) All applicable taxes
- 6) Name of department/division to which shipment was made
- 7) In addition, the invoice should include the vendor's invoice number and contact information.

Note: Invoices for work performed during the month of June must be received no later than the end of the first week in July, for City of Yuma fiscal year end closing purposes.)

9. WITHDRAWAL OF BID:

A Vendor may withdraw a bid prior to the deadline for bid submittal by submitting a request for its withdrawal. Bids received after the time for opening bids or received at any place other than the place specified will not be considered. Except as otherwise provided by regulation, all decisions to permit the correction or withdrawal of bids, or to cancel awards or contracts based on bid mistakes must be submitted in writing and must also be supported by a written determination made by the Purchasing Agent.

10. PROTESTS:

Any actual or prospective Vendor who is aggrieved in connection with this bid or award may protest to the City Council. The protest must be submitted in writing to the City Administrator within ten days after such aggrieved person knows or should have known of the facts giving rise, and the City Administrator will place same on the next Council agenda if not resolved prior to that time.

11. POLICY ON NON-DISCRIMINATION ON THE BASIS OF DISABILITY:

- A. In accordance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973, the City does not discriminate on the basis of disability in the admission of or access to, or treatment or employment in its programs, activities, or services.
- B. For information regarding rights and provisions of the ADA or section 504, or to request reasonable accommodations for participation in City programs, activities, or services, contact:

City of Yuma Human Resources Division
One City Plaza
Yuma, Arizona 85364-1436
(928) 373-5127 or (928) 373-5149 (TTY)

SPECIAL TERMS AND CONDITIONS

ANALYSIS AND TEST: When deemed necessary, samples of materials may be taken at random from stock received for submission to a commercial laboratory or other appropriate agency, for analysis and test as to whether the material conforms in all respects to the specifications. In cases where commercial laboratory reports indicate that the materials do not meet the specifications, the expense of such analysis is to be borne by the Vendor holding the contract.

ANNUAL CONTRACTS: Vendor will hold firm, fixed pricing for a period of two (2) years after notice of award. Vendors may also be requested to make multiple deliveries to one or more locations within the City.

AWARD OF BID: A primary and secondary Vendor may be awarded this bid, if required, to ensure goods or services are available on an "as needed" basis. If the primary Vendor indicates that he cannot deliver by the City's required deadline, the City reserves the right to contact the secondary Vendor.

BRAND NAMES: Unless otherwise specified, the mention of a particular manufacturer's brand name or number in the specifications does not imply that this particular product is the only one that will be considered for purchase. This reference is intended solely to designate the type of quality of merchandise that will be acceptable. Alternate offers will be considered and must include descriptive literature and/or specifications. Failure to provide descriptive literature and/or specifications with alternate offers may be considered non-responsive.

CLEAN UP: The Vendor must at all times keep the area, including storage areas used, free from accumulations of waste material or rubbish and prior to completion of the work, remove any rubbish from the premises and all tools, scaffolding, equipment, and materials not the property of the City. Upon completion of the repair, the Vendor must leave the work and premises in a clean, neat and workmanlike condition.

CONTRACT EXTENSION: In the event the City does not opt to renew the contract or the City and Vendor(s) are unable to reconfirm or renegotiate unit rates for another year, the City will have the option of extending this contract at the current rates, but not to exceed six months total.

COOPERATIVE USE OF CONTRACT: The City of Yuma, Arizona has entered into interactive purchasing agreements with other political subdivisions, cities and towns in order to conserve resources reduce procurement costs and improve the timely acquisition and costs of goods or services. The Vendor(s) to whom this contract is awarded may be requested by other parties to said interactive purchasing agreements to extend to those parties the right to purchase goods or services provided by the Vendor(s) under this contract, pursuant to the terms and conditions stated herein.

EMERGENCY DELIVERIES: The City may purchase goods or services required under "emergency" situations, after-hours, or on weekends.

EXPANSION CLAUSE: This contract may be further expanded to include any other item normally offered by the Contractor, as long as the price of such additional products is based on the same cost/profit formula as the listed items.

INSURANCE: Before the commencement of any services, the Vendor shall name the CITY, and its employees as Additional Insured on all required insurance policies, except Workers' Compensation. Any insurance carried by the CITY, and its employees, is excess coverage, and not contributory coverage to that provided by the Vendor. All insurance policies are subject to approval by the CITY.

Failure to provide required coverage and failure to comply with the terms and conditions of this Agreement shall not waive the contractual obligations herein. Moreover, failure to provide evidence of required insurance as set forth below shall delay payment for services rendered. If the policy or policies are canceled or not renewed, the insurance company shall provide thirty (30) days written notice to the CITY prior to the effective date of such cancellation or termination.

The Certificate Holder must be named as follows: City of Yuma, Yuma, Arizona

All certificates are to be sent to:
City of Yuma, Purchasing Division
One City Plaza
Yuma, AZ 85364-1436 or purchasinoweb@yumaz.gov

A. Commercial General Liability

The policy shall include bodily injury, property damage, personal injury, and broad form contractual liability, and at least the minimum limits of the following:

• General Aggregate	\$2,000,000
• Products – Completed Operations Aggregate	\$500,000
• Personal and Advertising Injury	\$500,000
• Blanket Contractual Liability – Written and Oral	\$500,000
• Fire Legal Liability	\$50,000
• Each Occurrence	\$1,000,000

The policy shall be endorsed to include the following additional language: "The City of Yuma, its officials, officers, employees, and agents shall be named as additional insured's with respect to liability arising out of the activities performed by the Vendor".

All policies shall contain a waiver of subrogation against the City, its officials, officers, employees, and agents for losses arising from work performed by or on behalf of the Vendor.

SPECIAL TERMS AND CONDITIONS

B. Business Automobile Liability

The policy shall include bodily injury and property damage for any owned, hired, leased, borrowed, and/or non-owned vehicles used in the performance of this Agreement.

- Combined Single Limit (CSL) \$500,000

If hazardous materials or wastes are transported, CA 9948 endorsement must be included and \$3,000,000.00 per accident, limits for bodily injury and property damage will apply.

The policy shall be endorsed to include the following additional insured language: "The City of Yuma its officials, officers, employees, and agents shall be named as additional insured's with respect to liability arising out of the activities performed by or on behalf the Vendor involving automobiles owned, leased, hired, borrowed, and/or non-owned by the Vendor".

The policy shall contain a waiver of subrogation against the City, its officials, officers, employees, and agents for losses arising from work performed by or on behalf the Vendor.

C. Worker's Compensation and Employers' Liability

- Workers' Compensation: Statutory
- Employers Liability
 - Each Accident \$100,000
 - Disease – Each Employee \$100,000
 - Disease – Policy Limit \$500,000

The Vendor shall require sub-Vendors to provide Worker's Compensation and Employer's Liability with at least as much coverage as that provided by the Vendor.

All policies shall contain a waiver of subrogation against the City, its officials, officers, employees, and agents for losses arising from work performed by or on behalf of the Vendor.

D. The polices of insurance required under this section are to be primary insurance policies and any insurance policy maintained by the City is considered excess insurance. The existence of excess insurance policies should in no way be construed to limit the requirements of insurance described herein.

In the event, any of the above insurance policies are written on a "claims made" basis, coverage must extend for two years past completion and acceptance of the work or services as evidenced by annual Certificates of Insurance.

INDEMNIFICATION: To the fullest extent permitted by law, Vendor must indemnify, defend, and hold harmless the CITY, its agents, employees, officers, volunteers, and officials ("Indemnified Party") for, from and against all claims, liabilities, demands, damages, losses, and expenses, including attorneys' fees and litigation expenses, to which any such Indemnified Party may become subject, under any theory of liability whatsoever, ("Claims") to the extent that such Claims result from and/or arise out of the Vendor's intentional, reckless, or negligent acts, mistakes, errors, or omissions in performance of this Agreement. This includes any intentional, reckless, or negligent acts, mistakes, errors, or omissions of the Vendor's sub-Vendors employed directly or indirectly by the Vendor.

The amount and types of insurance coverage required above are minimum amounts and do not limit the scope of indemnity required.

PERMITS: The Vendor is responsible for procuring all permits and licenses, paying all charges, fees and sales tax, and giving any notices necessary and incident in performing the work. The City will exempt the Vendor from paying the standard fees for permits issued by the City provided all permits are issued, prior to the commencement of the work. The Vendor, at double the standard fee rate will pay for permits requested and issued after commencement of the work. The City will assume no responsibility for charges associated with these late rates.

PRICE ADJUSTMENT: The City's Purchasing and Contracts Manager and the user department will review documented requests for price increases after any contract has been in effect for one year. Any general price increase adjustment will only be made at the time of contract extension and will be a factor in the extension review process. The City Purchasing and Contracts Manager will determine whether the requested price increase or an alternate option, is in the best interest of the City. Any price adjustment will be effective upon the date of the contract extension.

PRICE REDUCTION:

If the contracted price is higher than the current Fair Market Value for the commodity, the City of Yuma may request the awarded vendor(s) to reduce the price to the current Fair Market Value.

The current awarded vendor may offer to the City of Yuma a price reduction adjustment at any time during the term of contract. The price reduction adjustment will become effective upon the City's receipt of notice.

STANDARD TERMS AND CONDITIONS

It is the City of Yuma's intent for these specifications to set the minimum standards to be used for the bidding of these products/services. Any references to Make, Model and Manufacturer are only to indicate minimum specifications for quality and performance. They are not intended to be restrictive in nature or to eliminate use of any other manufacturer's products.

VENDORS ARE STRONGLY ENCOURAGED TO CAREFULLY READ THE ENTIRE BID.

In compliance with bid specifications, Vendor offers and agrees to furnish any and all of the items or services enumerated at the unit price offered set opposite each item, delivered at the designated point(s) within the time specified. The Vendor also acknowledges that the Terms and Conditions of the Bid were carefully read and the appropriate sections were completed.

The award is subject to all legal requirements provided for in the City Charter or applicable City Ordinances, State and Federal Statutes.

All Vendors must disclose with their bid the name of any officer, director, or agent who is also an employee of City of Yuma. Further, all Vendors must disclose the name of any City employee who owns, directly or indirectly, an interest of ten percent (10%) or more in the Vendor's firm or any of its branches. Should the awarded Vendor permanently or temporarily hire any City of Yuma employee who is, or has been, directly involved with the Vendor prior to or during performance of the resulting contract, the contract will be subject to immediate termination by the City.

ADDENDA: Addenda issued during the time of bidding must be attached to and made a part of the contract documents.

AFFIRMATIVE ACTION: The Vendor will be an Equal Opportunity Employer and make a good faith effort to encourage minority employment and agrees to meet Federal and State guidelines.

Vendors doing business with the City of Yuma are prohibited from discriminating against any employee, applicant, or client because of race religion, color, disability, national origin, gender, or age with regard to but not limited to the following: employment practices, rates of pay or other compensation methods, and trainers selection.

ALTERNATE BID: Bids submitted as alternates, as "equals", or on the basis of exceptions to specific conditions of purchases and/or required specifications, must be submitted with an attachment referencing the specific paragraph numbers and adequately defining the exception submitted. Detailed product or service literature, suitable to evaluate, must be submitted with the bid. If no exceptions are taken, the City will expect and require complete compliance with the specifications and conditions of purchase.

AMERICAN MADE: Whenever possible, the goods, material, articles or equipment specified will be of United States origin and manufacture.

APPLICABLE LAWS: In the performance of this contract, Vendors must abide by and conform to any and all laws of the United States, State of Arizona and City of Yuma including but not limited to Federal and State executive orders providing for equal employment and procurement opportunities, the Federal Occupational Safety and Health Administration and any other Federal or State laws applicable to this contract.

This contract will be governed by the City, and the Vendor will have all remedies afforded each by the Uniform Commercial Code, as adopted in the State of Arizona, except as otherwise provided in this contract or in statutes pertaining specifically to the City. The laws of the State of Arizona will govern this contract and any suit pertaining to this contract may be brought only in courts in the State of Arizona. Lack of knowledge by the Vendor and any subcontractor will in no way be a cause for relief from responsibility.

ASSIGNMENT: This contract is not assignable unless both parties mutually consent otherwise in writing. The requirements of this contract are binding upon the heirs, executors, administrators, successors and assigns of both parties.

AUTHORITY: This bid as well as any resultant contract is issued under the authority of the City of Yuma Purchasing and Contracts Manager. No alteration of any resultant contract may be made without the express written approval of the Purchasing and Contracts Manager in the form of an official contract amendment. Any attempt to alter any contract without such approval is a violation of the contract and the City Charter and Code. Any such action is subject to the legal and contractual remedies available to the City inclusive of, but not limited to, contract cancellation, suspension and/or debarment of the Vendor.

AWARD OF BID: Awards will be made with reasonable promptness to the lowest responsible, responsive Vendor(s) whose offer(s) best conform to the bid and is in the best interest of the City. Other factors to be considered may include, but are not limited to, quality, uniformity of product, delivery time, and the Vendor's past performance on other contracts with the City. Awards may be made to other than the lowest price offer.

The City reserves the right to award any item or group of items of the bid, unless the Vendor has qualified the bid by specific limitation. A written award of acceptance, in the form of a purchase order as per specifications or written notice of award on City of Yuma stationery, mailed or delivered to the successful Vendor constitutes a binding contract without further action by either party. If contract award is \$100,000.00 or over, it will be at the discretion of the City Council as to whether or not to make award, to whom, or to reject offers.

The City, notwithstanding any other provisions of this bid (including attached documents), expressly reserves the right to:

1. Waive any insignificant defect or informality in any offer or bid procedure.
2. Reject any or all offers or
3. Re-issue the bid.

BID OFFER ACCEPTANCE PERIOD: In order to allow for an adequate evaluation, the City requires an offer in response to a bid to remain valid and irrevocable for 90 days after the bid opening time and date.

STANDARD TERMS AND CONDITIONS

CERTIFICATION: By signature in the offer section the Vendor certifies:

- A. The submission of the offer did not involve collusion or other anti-competitive practices.
- B. The Vendor will not discriminate against any employee, or applicant for employment in violation of Federal Executive Order 11246 or A.R.S. § 31-1461 Et. Seq.
- C. The Vendor has not given, offered to give, loan, gratuity, special discount, trip, favor, or service to a public servant in connection with the submitted offer.
- D. The Vendor submitting the offer hereby certifies that the individual signing the bid is an authorized agent for the Vendor and has the authority to bind the Vendor to the contract.

CITY PROCUREMENT DOCUMENT: The Purchasing Division is issuing this bid. Vendor is not permitted to alter any portion of the bid document, and any attempt to do so will result in Vendor's offer being considered non-responsive. Vendor must not alter any portion of a resultant contract without the written approval of the Purchasing Division and any attempt to do so will be a violation of the contract. Any such action is subject to the legal and contractual remedies available to the City inclusive of, but not limited to, contract cancellation, suspension and/or debarment of the Vendor.

CLARIFICATIONS: The City reserves the right to obtain clarification from Vendor when necessary to arrive at full and complete understanding of bid response.

CONFLICT OF WORDING: Where an item in the bid specification conflicts with the Terms and Conditions, the bid specifications will prevail and control.

CONTRACT: Upon acceptance of the Vendor's proposal the Vendor will, if requested by the City, execute and enter into a formal contract that is satisfactory to the Vendor and the City, to secure the contract required to protect the City.

CONFIDENTIAL INFORMATION: Proposals submitted to the City will be reviewed and evaluated by only those persons who have a legitimate interest. The City cannot guarantee the confidentiality of any information provided in the proposal and all items submitted as part of the Vendor's proposal will be available for public inspection to the extent required by public records disclosure laws after proposals have been received by the City.

To the extent possible, the City will provide Vendor with 48 hours written notice of any public records disclosure request relating to Vendor's documents to allow Vendor to seek a protective order from the Court. Vendor agrees to indemnify, defend, and hold the City harmless for any damages resulting from the City's failure to disclose information under the terms of this section. The City reserves the right to use any or all ideas presented in any reply to this proposal. Selection or rejection of the proposal does not affect this right.

CONTRACT ADMINISTRATION: The Purchasing Division and an authorized representative of the primary user department will jointly administer this contract. All questions regarding this contract after award must be referred to an authorized representative for resolution.

CONTRACT AMENDMENTS: Any adjustments, alterations, additions, deletions, or modifications in the terms and/or conditions of this contract must be made by written change order approved by the City. If Vendor performs any modification without written change order, the City will not be obligated to accept said modifications.

CONTRACT DEFAULT: The City, by written notice of default to the Vendor, may terminate in whole or any part of this contract in any one of the following circumstances:

- A. If the Vendor fails to make delivery of the supplies or to perform the services within the time specified; or
- B. If the Vendor fails to perform any of the provisions of this contract and fails to remedy the situation within the specified period of time in the notice.

In the event the City terminates this contract in whole or part, the City may procure goods or services similar to those terminated, and the Vendor may be liable to the City for any excess costs for such similar goods or services.

CONTRACT LENGTH: The contract will remain valid for a period of one year from date of issuance of purchase order or Notice of Award, unless otherwise noted.

CONTRACT TERMINATION: Either party may terminate the contract upon 30 days written notice by one party to the other. Both parties will perform in accordance with the contract prior to the effective termination date. The City may at any time cancel the contract for cause without penalty or liability on the part of the City.

The City reserves the right to cancel any resultant contract upon 30 days written notice when, in the City's judgment, the workmanship, quality, performance of the goods or services of this contract are rendered unsatisfactorily or do not conform to the contract.

CURRENT PRODUCT: All bid offers made in response to this bid will be in current and ongoing production; will have been formally announced for general marketing purposes; will be a model or type currently functioning in user (paying customer) environments and capable of meeting or exceeding all specifications and requirements set forth in this bid. Enhancements to established products need not necessarily comply with this clause, and will be reviewed on individual merits.

DEFECTIVE PRODUCT: All defective products must be replaced and exchanged by the Vendor. The Vendor will pay for the cost of transportation, unpacking, inspection, repacking, reshipping or other like expenses. The City must receive all replacement products within the specific period of time stated in the notice.

STANDARD TERMS AND CONDITIONS

DELIVERY: Unless otherwise stated, the goods or services, specified or called for in or under this bid, must be delivered or completely performed by the successful Vendor within the period set out herein as the guaranteed period of delivery or completion after receipt of order. The Vendor agrees to make deliveries, only upon receipt of a duly signed and approved purchase order issued by the City of Yuma Purchasing and Contracts Manager or designated representative. Delivery made without such purchase order will be at Vendor's risk.

DISCOUNTS: Prompt payment discounts will be considered in making the award provided the discount period is sufficient to allow the City to make payments in the regular course of business. If a discount is offered, time is computed from the date of receipt of goods or services, or from the date a correct invoice is received, whichever is the later date. Payment is deemed made on the date the check is issued.

EVALUATION: In an Invitation for Bid, award(s) will be made to the lowest responsible and responsive Vendor whose bid conforms in all material respects to the requirements and criteria set forth in the Invitation for Bid. The City will be the sole judge as to the acceptability of the products and/or services offered.

Evaluation criteria will include, but not be limited to:

1. Conformity with bid specifications, performance requirements, terms and conditions, Vendor instructions and any other contractual clauses and or requirements.
2. Operational compatibility with existing City resources, as applicable;
3. Availability of competent service and prompt delivery of goods or services;
4. Having legally required licenses, certifications and/or qualifications to perform the contract;
5. Cost consideration including item pricing, delivery, installation, operation and life cycle and costs, Vendor's financial capability to perform the contract, and any other factors that would be advantageous to the City;
6. Record of past performance and integrity on City and/or other public agency contracts; and
7. Production capability of equipment as determined by product samples, customer references, and/or City inspection

FORCE MAJEURE: The parties to the contract will be excused from performance during the time and to the extent that they are prevented from obtaining, delivering or performing by act of God, fire, strike, loss or shortage of transportation, facilities, lock-out, commandeering of materials, products, plants or facilities by the government, when satisfactory evidence is presented to the City, provided that it is satisfactorily established that the non-performance is not due to the fault or neglect of the party not performing.

FREIGHT: Prices will be Free On Board (FOB) Destination to the delivery location designated herein. Vendor will retain title and control of all goods until they are delivered and the contract has been completed. The City will notify the Vendor promptly of any damaged goods and will assist the Vendor in arranging for inspection. All risk of transportation and all related charges will be the responsibility of the Vendor. The Vendor must file all claims for visible or concealed damage.

FUNDING: Any contract entered into by the City of Yuma is subject to funding availability. The fiscal year for the City of Yuma is July 1, to June 30. The City Council approves all budget requests. If a specific funding request is not approved, the contract may be terminated.

GRATUITIES: The City may, by written notice to the Vendor, cancel this contract if it is found that gratuities, in the form of entertainment, gifts or otherwise, were offered or given by the Vendor or any agent or representative of the Vendor, to any officer or employee of the City making any determinations with respect to the performing of such contract. In the event, this contract is canceled by the City pursuant to this provision, the City will be entitled to recover or withhold from the Vendor the amount of the gratuity in addition to any rights and remedies.

INDEMNIFICATION: The Vendor must indemnify and defend the City, its agents and employees against all claims, damages, losses, and expenses resulting from the Vendor's intentional or negligent acts, mistakes or omissions in performance of the Contract. This includes any intentional or negligent acts, mistakes, or omissions of the Vendor's subcontractors. The amount and types of insurance coverage required does not limit the scope of indemnity.

INSPECTION: All goods or services are subject to final inspection and acceptance by the City. Goods or services failing to meet the requirements of this contract will be held at Vendor's risk and may be returned to the Vendor or reworked by the Vendor. If returned, the cost of transportation, unpacking, inspecting, repacking, reshipping or any other expenses are the responsibility of the Vendor.

INTERNET ORDERING CAPABILITY: The City may utilize the Internet to place orders under this contract.

LATE BIDS: Bids received after the time for opening bids or received at any place other than the place specified will not be considered. If a bid is received late the bid will not be considered and may be returned to the Vendor.

LICENSES: Vendor will maintain, in current status, all federal, state and local licenses and permits required for the operation of the business conducted by the Vendor as applicable to this contract. The Vendor and all of his employees or agents will secure and maintain in force such licenses and permits as are required by law, and by the City, in connection with the furnishing of goods or services requested.

LIENS: All goods or service must be free of all liens, and if the City requests, a formal release of all liens will be delivered to the City.

LOCAL PREFERENCE: Per the City of Yuma Ordinance No. 2010-04, the City Council has directed City Staff to grant up to a five-percent (5%) monetary preference to local dealers (local dealers means any dealer, person or firm within the city limits of the City of Yuma who has a valid City of Yuma business license) provided such preference is in the best interest of the City and further providing that such preference is stated in the bid offer. Such preference will not be granted where federal or state purchasing policies preclude such preference.

STANDARD TERMS AND CONDITIONS

NON-EXCLUSIVE CONTRACT: Any contract resulting from this Bid will be awarded with the understanding and agreement that it is for the sole convenience of the City of Yuma. The City reserves the rights to obtain like goods or services from another source when necessary. Only the City of Yuma Purchasing and Contracts Manager may approve off-contract purchase authorization. Approval will be at the discretion of the City of Yuma Purchasing and Contracts Manager and will be conclusive. However, approval will be granted only after a proper review and when deemed to be appropriate. Off-contract procurement will be consistent with the City Policies and Procedures.

NOTICE: All notices, requests, demands, consents, approvals, and other communications which may or are required to be served or given hereunder (for the purposes of this provision collectively called "Notices"), may be in writing and may be sent registered or certified United States mail, return receipt requested, postage prepaid, addressed to the party or parties to receive such notice as follows:

- A. If intended for the City, to: City of Yuma, Purchasing Division, One City Plaza, Yuma, Arizona 85364-1436
- B. If intended for the Vendor, to: The Vendor at the Vendor's address and the attention of the person named as provided in the offer of this contract.

OBJECTIONS: Any objection to the specifications and requirements as set forth in this bid must be filed in writing with the Purchasing Division 72 hours prior to bid opening.

ORDERING INSTRUCTIONS: Authorization for purchases under the terms and conditions of this contract will be made only upon issuance of a purchase order or document signed by an authorized agent. The purchase order will specify the items ordered, delivery instructions and any other pertinent information required. All City and Vendor documents must reference the resultant contract number.

PACKING AND SHIPPING: Vendor will be responsible for industry standard packing, which conforms to requirements of carrier's tariffs and Commerce Commission regulations. Containers must be clearly marked as to lot number, destination, address, and purchase order number.

PATENTS: The successful Vendor must agree to defend, at his own risk, all suits alleging infringement on any United States Patents by reason of the use and/or resale of items purchased under this bid.

PAYMENTS: Invoices will normally be paid within 30 days after receipt of services or invoice; whichever is later. The City reserves the right to review all payments made to the Vendor by auditing at a later date. Subject to such audit, the Vendor must immediately reimburse any overpayments.

PERMITS: The Vendor is responsible for procuring all permits and licenses, paying all charges, fees and sales tax, and giving any notices necessary and incidental to performing the work. The City will exempt the Vendor from paying the standard fees for permits issued by the City provided that all the permits are issued prior to the commencement of the work. Permits requested and issued after commencement of the work, will be paid for by the Vendor, and at double the standard fee rate, for which the City will assume no responsibility.

PERIOD OF TIME: Periods of time, stated as number of days, will be calendar days.

PREMATURE BID OPENING: No responsibility will be attached to a City employee for premature opening of a bid.

PREPARATION: The City will not reimburse the cost of developing, presenting or providing any response to this bid. Offers submitted for consideration should be prepared simply and economically, providing adequate information in a straightforward and concise manner.

PREPARATION OF SPECIFICATIONS BY PERSONS OTHER THAN CITY PERSONNEL: All specifications will seek to promote overall economy for the purposes intended and encourage competition and not be unduly restrictive in satisfying the City's needs. No person preparing specifications will receive any direct or indirect benefit from the utilization of specifications, other than fees paid for the preparation of specifications.

PRICE: The prices quoted on this bid will be based on the goods and/or services referred to herein, being delivered F.O.B. destination, freight, duty and all other charges prepaid, unless otherwise indicated herein. A detailed delivery ticket or piece tally, showing the exact quantity of goods and/or services must accompany each delivery. A representative's signature will not bind the City to accept the goods, material, articles or equipment covered.

PRODUCT DISCONTINUANCE: The City of Yuma may award contracts for particular products and/or styles as a result of this bid. In the event that the manufacturer discontinues a product or style, the City, at its sole discretion, may allow the Vendor to provide a substitute for the discontinued item. The Vendor must request permission to substitute a new product or style and provide the following:

- A. A formal announcement from the manufacturer that the product or style has been discontinued.
- B. Documentation from the manufacturer that names the replacement product or style.
- C. Documentation that provides clear and convincing evidence that the replacement meets or exceeds all specifications required by the original bid.
- D. Documentation that provides clear and convincing evidence that the replacement will be compatible with all the functions or uses of the discontinued product or style.
- E. Documentation confirming that the price for the replacement is the same as or less than the discontinued style.

PROTECTION OF CITY PROPERTY: The Vendor will use reasonable care to avoid damaging City property. If the Vendor causes damages, the Vendor must replace or repair the damage at no expense to the city as directed by the Purchasing and Contracts Manager. If the Vendor fails or refuses to make such repair or replacement, then the Vendor will be liable for the cost thereof, which may be deducted from the contract price.

STANDARD TERMS AND CONDITIONS

PROVISIONS BY LAW: Each and every provision of law and any clause required by law to be in this contract will be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon the application of either party the contract will forthwith be physically amended to make sure insertion or correction.

PUBLIC RECORD: All offers submitted in response to this bid will become the property of the City and will become a matter of public record available for review, in accordance with the City's Charter.

QUANTITIES: The quantities requested are estimates based upon available information. The City reserves the right to adjust the quantities as necessary. The quantity of goods and services ordered must not be exceeded or reduced without the City's permission in writing except in conformity with acknowledged industry tolerances.

REJECTIONS: The City and/or City Council may reject any part of or all bids whenever it is deemed in the best interest of the City. The City may also waive any minor informalities or irregularities in any bid.

RIGHTS AND REMEDIES: No provisions of this bid or in the Vendor's bid response will be construed, expressly or by implication, as a waiver by the City or any existing or future right and/or remedy available by law in the event of any claim of default or breach of contract. The failure of the City to insist upon strict performance of any term or condition of the contract or to exercise or delay the exercise of any right or remedy provided in the contract, or by law, will not release the Vendor from any responsibilities or obligations imposed by the contract or by law, and will not be deemed a waiver of any right of the City to insist upon the strict performance of the contract.

SAMPLES AND/OR DEMONSTRATIONS: Samples and/or demonstrations may be requested if item is other than specified. When required, such samples and/or demonstrations are to be furnished after the date of bid opening only upon request of the City unless otherwise stated in the bid proposal. If samples and/or demonstrations should be requested unless otherwise authorized, the City must receive such samples and/or demonstrations within a specific period of time as stated in the formal request. When required, the City may request samples and/or demonstrations of any item bid prior to the award of any contract.

Bid samples must be an exact and true representative sample of the actual material offered. Each bid sample must be properly tagged or labeled with the name of the Vendor and manufacturer, the bid opening date, and the bid number. Bid samples must be provided at no additional cost to the City. Samples not used for test will be returned to the Vendor, at the Vendor's expense.

Furthermore, the City reserves the right to secure additional samples from the actual material supplied. In the event the samples fail to conform to the contract requirements, the Vendor will immediately replace the portion of the delivered commodity with acceptable materials conforming to the contract requirements at no cost to the City.

SITE CONDITIONS: Vendor must make all investigations necessary to thoroughly inform themselves regarding site conditions for delivery of goods or services as required in this bid. Failure of the Vendor to thoroughly investigate site conditions will not be:

- A. Accepted as a basis for failure to fulfill the requirements
- B. A basis for variance of compensation

SUBSEQUENT EMPLOYMENT: The City may cancel this contract without penalty or further obligation pursuant to the A.R.S. §38-511 if any person significantly involved in initiating, negotiating, securing, drafting or creating the contract on behalf of the City is or becomes, at any time while the contract or any extension of the contract is in effect, an employee of or a consultant to any other party to this contract with respect to the subject matter of the contract. Such cancellation will be effective when the parties to this contract receive written notice from the Purchasing & Contracts Manager, unless the notice specifies at a later date.

SUBMITTAL: It is the Vendor's sole responsibility to ensure the delivery and receipt of bid submittal to the City of Yuma, Purchasing Division, prior to bid opening time. Bids and modifications or withdrawals received after the time set for the bid opening will not be considered. Bids must be submitted on the forms furnished.

TAX: Taxes may be added to invoices and must be current Arizona State Tax and the Vendor's local tax. If the Vendor is an out-of-state Vendor, the City of Yuma will remit the Arizona Use tax directly to the State of Arizona.

TAX/DUTY CHANGES: The Vendor will be responsible for advising the City of any tax/duty change. If such a change occurs in tax or duty imposed for such goods or services before delivery, the appropriate increase or decrease will be made to compensate for such changes as of the effective date.

WARRANTIES: The awarded Vendor must fully warrant all products furnished hereunder against defect in materials and/or workmanship for a period of one year from date of delivery and complete acceptance by the City, unless indicated otherwise in bid specifications. Should any defect in materials or workmanship except ordinary wear and tear appear during the above stated warranty period, the awarded Vendor will repair or replace same at no cost to the City, immediately upon verbal or written notice from the City. A copy of the warranty must be provided at time of delivery. Failure to provide warranty at time of delivery will be considered as an incomplete delivery.

WITHDRAWAL: A Vendor may withdraw a bid prior to the deadline for bid submittal by submitting a request for its withdrawal. Except as otherwise provided by regulation, all decisions to permit the correction or withdrawal of bids, or to cancel awards or contracts based on bid mistakes, must be submitted in writing and must be supported by a written determination made by the Purchasing Agent.

WRITTEN AUTHORIZATION: No verbal arrangement or agreement, relating to the goods, or service specified or called for under this bid will be considered binding, and every notice, advice or other communication must be in writing and signed by a duly authorized person.

FORMAL BID #2016-20000024

SLURRY SEAL SERVICES

ADDITIONAL REQUIREMENTS

- 1.1 Prices quoted must remain firm-fixed for the first **TWELVE** months.
- 1.2 Vendor must indicate any minimum order requirements for each item listed in this invitation for bid. Preference may be given to a vendor that DOES NOT require minimum quantities on order. As stated on page 10, quantities requested are estimates based upon available information. The City reserves the right to adjust the quantities as necessary. The quantity of goods and services ordered must not be exceeded or reduced without the City's permission in writing except in conformity with acknowledged industry tolerances.
- 1.3 If any products vary from the specification, or if substitution or alternative are offered, such variations must be listed in writing on the conformance sheet and attach detailed item specification. The City reserves the right to waive minor deviations if the equipment is suitable for the intended purpose.
- 1.4 All material must be compatible to work together with current material.
- 1.5 Delivery hours are from 8:00 am – 3:00 pm Arizona Time, Monday through Friday, excluding holidays and weekends, unless other arrangements have been made between the awarded vendor and the City of Yuma.
- 1.6 As stated on page 5, this contract may be further expanded to include any other Slurry Seal Services normally offered by the vendor, as long as the price of such additional products is based on the same cost/profit formula as the listed items.
- 1.7 As stated on page 9, freight must always be F.O.B. Destination. No freight charges will be allowed for any item purchased under this agreement including special orders and emergency shipments.
- 1.8 Termination of Contract - The City of Yuma reserves the right to terminate any part of or the entirety of any contract that may result from this proposal, without cause and at any time with thirty calendar days written notice. In such case, the Contractor shall be paid for services rendered through the date of the termination notice, and the results of all such work (includes all documents and files) through that date shall become the property of the City of Yuma.
- 1.9 **Bid Bond** - All proposals must be accompanied by a certified check, cashier's check, or surety bond (**Attachment C**) payable to the City of Yuma - for at least ten percent of the total bid price as a guarantee that the Contractor will enter into a contract to perform the contract in accordance with the Formal Bid, within 10 days after the Notice of Award letter. A company authorized to transact surety business in the state of Arizona must issue the surety bond.

If the successful Contractor fails or refuses to execute the required Contract, Performance Bond, and Payment Bond within the time specified in the paragraph entitled "Award of Contract," the City will retain the bid guarantee proceeds as liquidated damages for delay in execution of the contract and as compensation for subsequent acceptance of a higher or less desirable proposal.

FORMAL BID #2016-20000024
SLURRY SEAL SERVICES

Bid guarantees will be returned to the unsuccessful Contractors immediately after the execution of a contract with the successful Contractor, and to the successful Contractor immediately after the contract is properly signed.

- 1.10 **Performance Bond and Payment Bond** - When the contract is signed, the successful Contractor will furnish surety bonds payable to the City of Yuma, from a surety company authorized to do business in the State of Arizona and represented by an agent doing business in the State of Arizona, as follows:
- a. A performance bond (**Attachment D**) in an amount equal to one hundred percent of the contract value as surety for the faithful performance of the contract by the Contractor.
 - b. A payment bond (**Attachment E**) in an amount equal to one hundred percent of the contract value for the payment of just claims for materials, labor, and subcontractors employed by the contractor, as a guarantee of labor and materials used or incorporated in the work, and for the fulfillment of other requirements as may be required by law

FORMAL BID #2016-2000024
SLURRY SEAL SERVICES

SPECIFICATIONS

The slurry seal shall be a mixture of asphalt emulsion, mineral aggregate, mineral fillers and water properly proportioned, mixed and spread on the pavement surface in accordance with the International Slurry Surfacing Association (ISSA) recommended performance guidelines for emulsified asphalt slurry seal, A105 (revised) February 2010. Substitute the Buyer's Authorized Representative (B.A.R.) with the Street Superintendent when referring to the guidelines listed above. Please note that the following items shall be in accordance with Attachment A & B.

1. Emulsified asphalt to be CQS-1h. (Attachment A)
 2. Aggregate grading to be Type II, as listed in Attachment A and B.
- A. It will be the Contractor's responsibility prior to slurry sealing, to tab all street pavement markings with reflective polyurethane plastic markers on centerlines and lane striping. The pavement marking tabs are to be maintained by the contractor until final acceptance by the City. Prior to slurry sealing the Contractor must cover and protect ALL pavement markings such as crosswalks, stop bars and left/right turn arrows from the slurry.
- B. The Contractor must provide all traffic control and traffic control devices for the project. The Contractor will use the latest version of Manual of Uniform Traffic Control Devices for all traffic control set up. All traffic control devices must be properly maintained for cleanliness, visibility, corrects positioning, and should have adequate retro reflectivity. All traffic control devices that are damaged, deteriorated, or have lost significant legibility, must be promptly replaced. Trained and knowledgeable traffic control personnel will be utilized to insure a proper set-up of material and maintenance of traffic control devices and to assist in the safe movement of vehicles through the traffic control zone. Any damage to the uncured slurry seal will be the responsibility of the Contractor.
- C. The Contractor must provide a written notice to all residents, apartment managers, and businesses along the streets to be slurry sealed, 24 to 48 hours in advanced. The notices must indicate; what is to happen, when it will happen, parking availability, and access measures and indicate the CITY will pick up trash collection earlier than normal.
1. It will be the Contractor's responsibility to provide adequate sanitary facilities in the location of the project for use by the Contractor's employees.
 2. The traffic must be protected by signing and barricading as described in the 2009 edition of the Manual of Uniform Traffic Control Devices and may be supplemented by the City Traffic Engineer if conditions warrant.
 3. It will be the Contractor's responsibility to keep the City Police Department, Fire Department, School Transportation Department and U.S. Post Office informed of all restrictions to traffic flow due to the slurry seal operations.
 4. A preconstruction conference will be required in order to review the awarded Contractor's work and traffic control plan. A tentative construction schedule will be worked out prior to and finalized at the preconstruction conference meeting. The Contractor will not start the project until the schedule is approved by City Staff. It is

FORMAL BID #2016-20000024
SLURRY SEAL SERVICES

at that time the Contractor will designate an employee other than the project superintendent, who is qualified and experienced in construction traffic control. This employee must be available to monitor and maintain safe barricading throughout the project. A traffic control plan must be submitted upon request from the City Traffic Engineer.

5. At reasonable intervals during the progress of the work, clean up and disposal of waste materials and debris on the project site will be required. Waste materials and debris must be disposed of at a legally established facility, or as directed by the Street Superintendent. The Contractor will be responsible for, and pay all costs for periodic and final cleanup of the site during construction.
6. It will be the Contractor's responsibility to keep all crosswalks, stop bars, directional arrows, manhole covers and rings; water valve covers rings and survey markers free from coverage by the slurry seal coating process. This work will be incidental and all-inclusive in the price per square yard.
7. The Contractor's on site superintendent will have a cellular telephone that is operational in the Yuma area. The Contractor must submit the available cellular telephone number or an alternative form of communication determined suitable by the Street Superintendent at the preconstruction conference. The form of communication will be considered incidental and be at no cost to the City.
8. Prior to the preconstruction meeting, the Contractor will be responsible for locating areas for storage of equipment and materials. The Contractor will be responsible for all spills, dust control measures, left over materials, and site clean-up of all areas selected for storage. In case of a spill, the Contractor shall follow the leak and spill containment recommendation on the specific products Material Safety Data Sheet. The City may assist the Contractor in locating storage areas when deemed necessary by the Street Superintendent.

D. Responsibilities of the City of Yuma

1. The City will be responsible for sweeping all streets prior to slurry seal application.
2. The City will provide a complete street listing identifying to and from cross streets.
3. The City will confirm daily totals of materials used and amount of square yards applied with the contractor.
4. The City will review and have final approval of the street schedule.

ATTACHMENT "A"

ISSA A105
Revised February 2010

**Recommended Performance
Guideline
For
Emulsified Asphalt Slurry Seal
A105
(Revised February 2010)**



NOTICE

It is not intended or recommended that this guideline be used as a verbatim specification. It should be used as an outline, helping user agencies establish their particular project specification. Users should understand that almost all geographical areas vary as to the availability of materials. An effort should be made to determine what materials are reasonably available, keeping in mind system compatibility and specific job requirements. Contact ISSA for answers to questions and for a list of ISSA member contractors and companies.

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RECOMMENDED PERFORMANCE GUIDELINE FOR EMULSIFIED ASPHALT SLURRY SEAL

1. SCOPE

The Intent of this guideline is to aid in the design, testing, quality control, measurement and payment procedures for the application of Emulsified Asphalt Slurry Seal Surfacing.

2. DESCRIPTION

Slurry seal shall consist of a mixture of an emulsified asphalt, mineral aggregate, water, and additives, proportioned, mixed and uniformly spread over a properly prepared surface as directed by the Buyer's Authorized Representative (B.A.R.). The slurry seal shall be applied as a homogeneous mat, adhere firmly to the prepared surface, and have a skid-resistant texture throughout its service life.

3. SPECIFICATIONS

It is not normally required to run all tests on every project. A compilation of results from the listed tests should be indicative of system performance. Failure to meet specification for an individual test does not necessarily disqualify the system. If, for example, the system to be used on the project has a record of good performance, individual requirements for testing may be waived. Agency and testing methods are listed in the appendix (see Appendix A) and form a part of this guideline.

4. MATERIALS

4.1 EMULSIFIED ASPHALT

The emulsified asphalt, and emulsified asphalt residue, shall meet the requirements of AASHTO M 140 or ASTM D 977 for SS-1 or SS-1h. For CSS-1, CSS-1h, or CQS-1h, it shall meet the requirements of AASHTO M 208 or ASTM D 2397.

Each load of emulsified asphalt shall be accompanied with a Certificate of Analysis/Compliance to indicate that the emulsion meets the specifications.

4.2 AGGREGATE

4.2.1 GENERAL

The mineral aggregate used shall be the type specified for the particular application requirements of the slurry seal. The aggregate shall be crushed stone such as granite, slag, limestone, chat, or other high-quality aggregate, or combination thereof. To assure the material is 100 percent crushed, the parent aggregate will be larger than the largest stone in the gradation to be used.

4.2.2 QUALITY TESTS

The aggregate should meet agency specified polishing values and these minimum requirements:

TEST	TEST METHOD		SPECIFICATION
	AASHTO	ASTM	
Sand Equivalent Value of Soils and Fine Aggregate	T 176	D 2419	45 Minimum
Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate	T 104	C 88	15% Maximum w/Na ₂ SO ₄ 25% Maximum w/MgSO ₄
Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine ¹	T 98	C 131	35% Maximum

¹The abrasion test is run on the parent aggregate.

4.2.3 GRADATION

When tested in accordance with AASHTO T 27 (ASTM C 136) and AASHTO T 11 (ASTM C 117), the mix design aggregate gradation shall be within one of the following bands (or one recognized by the local paving authority):

SIEVE SIZE	TYPE I PERCENT PASSING	TYPE II PERCENT PASSING	TYPE III PERCENT PASSING	STOCKPILE TOLERANCE FROM THE MIX DESIGN GRADATION
3/8 (9.5 mm)	100	100	100	
# 4 (4.75 mm)	100	90 - 100	70 - 90	± 5%
# 8 (2.36 mm)	90 - 100	65 - 90	45 - 70	± 5%
# 16 (1.18 mm)	65 - 90	45 - 70	28 - 50	± 5%
# 30 (600 µm)	40 - 65	30 - 50	19 - 34	± 5%
# 50 (300 µm)	25 - 42	18 - 30	12 - 25	± 4%
#100 (150 µm)	15 - 30	10 - 21	7 - 18	± 3%
#200 (75 µm)	10 - 20	5 - 15	5 - 15	± 2%

The gradation of the aggregate stockpile shall not vary by more than the stockpile tolerance from the mix design gradation (indicated in the table above) while also remaining within the specification gradation band. The percentage of aggregate passing any two successive sieves shall not change from one end of the specified range to the other end.

The aggregate will be accepted at the job location or stockpile based on five gradation tests sampled according to AASHTO T 2 (ASTM D 75). If the average of the five tests is within the stockpile tolerance from the mix design gradation, the material will be

accepted. If the average of those test results is out of specification or tolerance, the contractor will be given the choice to either remove the material or blend additional aggregate with the stockpile material to bring it into compliance. Materials used in blending must meet the required aggregate quality test specifications in Section 4.2.2 before blending and must be blended in a manner to produce a consistent gradation. Aggregate blending may require a new mix design.

Screening shall be required at the stockpile if there are any problems created by oversized materials in the mix.

Type I. This aggregate gradation is used to fill surface voids, address moderate surface distresses, and provide protection from the elements. The fineness of this mixture provides the ability for some crack penetration.

Type II. This aggregate gradation is used to fill surface voids, address more severe surface distresses, seal, and provide a durable wearing surface.

Type III. This aggregate gradation provides maximum skid resistance and an improved wearing surface.

4.3 MINERAL FILLER

Mineral filler may be used to improve mixture consistency and to adjust mixture breaking and curing properties. Portland cement, hydrated lime, limestone dust, fly ash, or other approved filler meeting the requirements of ASTM D 242 shall be used if required by the mix design. Typical use levels are normally 0.0 - 3.0 percent and may be considered part of the aggregate gradation.

4.4 WATER

The water shall be free of harmful salts and contaminants. If the quality of the water is in question, it should be submitted to the laboratory with the other raw materials for the mix design.

4.5 ADDITIVES

Additives may be used to accelerate or retard the break/set of the slurry seal. Appropriate additives, and their applicable use range, should be approved by the laboratory as part of the mix design.

5. LABORATORY EVALUATION

5.1 GENERAL

Before work begins, the contractor shall submit a signed mix design covering the specific materials to be used on the project. This design will be performed by a laboratory which has experience in designing Emulsified Asphalt Slurry Seal Surfacing. After the mix design has been approved, no material substitution will be permitted unless approved by the B.A.R.

ISSA can provide a list of laboratories experienced in slurry seal design.

5.2 MIX DESIGN

Compatibility of the aggregate, emulsified asphalt, water, mineral filler and other additives shall be evaluated in the mix design. The mix design shall be completed using materials consistent with those supplied by the contractor for the project. Recommended tests and values are as follows:

TEST	ISSA TB NO.	SPECIFICATION
Mix Time @ 77° F (25°C)	TB 113	Controllable to 180 Seconds Minimum
Slurry Seal Consistency	TB 106	0.79 – 1.18 inches (2.0 – 3.0 cm)
Wet Cohesion @ 30 Minutes Minimum (Set) @ 60 Minutes Minimum (Traffic)	TB 139 (For quick-traffic systems)	12 kg-cm Minimum 20 kg-cm or Near Spin Minimum
Wet Stripping	TB 114	Pass (90% Minimum)
Wet-Track Abrasion Loss One-hour Soak	TB 100	75 g/ft ² (807 g/m ²) Maximum
Excess Asphalt by LWT Sand Adhesion	TB 109 (Critical in heavy-traffic areas)	50 g/ft ² (538 g/m ²) Maximum

The Wet Track Abrasion Test is performed under laboratory conditions as a component of the mix design process. The purpose of this test is to determine the minimum asphalt content required in a slurry seal system. The Wet Track Abrasion Test is not recommended as a field quality control or acceptance test. ISSA TB 136 describes potential causes for inconsistent results of the Wet Track Abrasion Test.

The mixing test is used to predict the time the material can be mixed before it begins to break. It can be a good reference check to verify consistent sources of material. The laboratory should verify that mix and set times are appropriate for the climatic conditions expected during the project.

The laboratory shall also report the quantitative effects of moisture content on the unit weight of the aggregate (bulking effect) according to AASHTO T19 (ASTM C29). The report must clearly show the proportions of aggregate, mineral filler (if used) and emulsified asphalt based on the dry weight of the aggregate.

The percentages of each individual material required shall be shown in the laboratory report. Based on field conditions, adjustments within the specific ranges of the mix design may be required.

The component materials shall be designed within the following limits:

COMPONENT MATERIALS	SUGGESTED LIMITS
Residual Asphalt	Type I: 10 - 16% Type II: 7.5 - 13.5% Type III: 6.5 - 12% (Based on dry weight of aggregate)
Mineral Filler	0.0 - 3.0% (Based on dry weight of aggregate)
Additives	As needed
Water	As required to produce proper mix consistency

5.3 MIX TOLERANCES

Tolerances for the slurry seal mixture are as follows:

- a. After the residual asphalt content is determined, a variation $\pm 1\%$ by weight of dry aggregate will be permitted.
- b. The slurry consistency, as determined according to ISSA TB No. 106, shall not vary more than $\pm 0.2'$ (± 0.5 cm) from the job mix formula after field adjustments.
- c. The rate of application shall not vary more than ± 2 lb/yd² (± 1.1 kg/m²) when the surface texture does not vary significantly.

6. EQUIPMENT

6.1 GENERAL

All equipment, tools, and machines used in the application of slurry seal shall be maintained in satisfactory working condition at all times.

6.2 MIXING EQUIPMENT

The machine shall be specifically designed and manufactured to apply slurry seal. The material shall be mixed by an automatic-sequenced, self-propelled, slurry seal mixing machine of either truck-mounted or continuous-run design. Continuous-run machines are those that are equipped to self-load materials while continuing to apply slurry seal. Either type machine shall be able to accurately deliver and proportion the mix components through a mixer and to discharge the mixed product on a continuous-flow basis. Sufficient storage capacity for all mix components is required to maintain an adequate supply to the proportioning controls.

The B.A.R. should decide which type of equipment best suits the specific project. In some cases, truck-mounted machines may be more suited, i.e. cul-de-sacs, small narrow roadways, parking lots, etc. On some projects, continuous-run equipment may be chosen due to the continuity of mix and the reduction of start-up joints. Generally, truck-mounted machines or continuous-run machines may be used on similar projects.

If continuous-run equipment is used, the machine shall provide the operator with full control of the forward and reverse speeds during application of the slurry seal. It shall be equipped with a self-loading device and opposite-side driver stations. The self-loading device, opposite-side driver stations, and forward and reverse speed controls shall be of original-equipment-manufacturer design.

6.3 PROPORTIONING DEVICES

Individual volume or weight controls for proportioning mix components shall be provided and properly labeled. These proportioning devices are used in material calibration to determine the material output at any time.

6.4 SPREADING EQUIPMENT

The mixture shall be placed uniformly by means of a spreader box attached to the paver and mechanically equipped, if necessary, to agitate and spread the material evenly throughout the box. With some quick-set systems, mechanical agitation may extend mix time. The slurry seal mixture shall have the proper consistency as it enters the spreader box. Spraying of additional water into the spreader box will not be permitted.

A front seal shall be utilized to ensure no loss of the mixture at the road contact point. The rear seal shall act as final strike-off and shall be adjustable. The spreader box and rear seal shall be designed and operated to provide uniform mix consistency behind the box. The spreader box shall have suitable means to side shift to compensate for variations in the pavement width. A burlap drag or other approved screed may be attached to the rear of the spreader box to provide a highly textured uniform surface. A drag stiffened by hardened slurry is ineffective and should be replaced immediately.

6.5 AUXILIARY EQUIPMENT

Suitable surface preparation equipment, traffic control equipment, hand tools, and other support and safety equipment necessary to perform the work shall be provided by the contractor.

7. CALIBRATION

Each mixing unit to be used in performance of the work shall be calibrated in the presence of the B.A.R. prior to the start of the project. Previous calibration documentation covering the exact materials to be used may be acceptable, provided the calibration was performed during the previous 60 days. The documentation shall include an individual calibration of each material at various settings, which can be related to the machine's metering devices. Any equipment replacement affecting material proportioning requires that the machine be recalibrated. No machine will be allowed to work on the project until the calibration has been accepted. ISSA Inspector's Manual describes a method of machine calibration. ISSA contractors and/or machine manufacturers may also provide methods of machine calibration.

8. WEATHER LIMITATIONS

The slurry seal shall not be applied if either the pavement or air temperature is below 50°F (10°C) and falling, but may be applied when both pavement and air temperatures are above 45°F (7°C) and rising. No slurry seal shall be applied when there is the possibility of freezing temperatures at the project location within 24 hours after application. The mixture shall not be applied when weather conditions prolong opening to traffic beyond a reasonable time.

9. NOTIFICATION AND TRAFFIC CONTROL

9.1 NOTIFICATION

Homeowners and businesses affected by the paving shall be notified at least one day in advance of the surfacing. Should work not occur on the specified day, a new notification will be distributed. The notification shall be posted in written form, stating the time and date that the surfacing will take place. If necessary, signage alerting traffic to the intended project should be posted.

9.2 TRAFFIC CONTROL

Traffic control devices shall be in accordance with agency requirements and, if necessary, conform to the requirements of the Manual on Uniform Traffic Control Devices. Opening to traffic does not constitute acceptance of the work.

In areas that are subject to an increased rate of sharp-turning vehicles, additional time may be required for a more complete cure of the slurry seal mat to prevent damage. Tire marks may be evident in these areas after opening but typically diminish over time with rolling traffic.

10. SURFACE PREPARATION

10.1 GENERAL

Prior to applying the slurry seal, loose material, oil spots, vegetation, and other objectionable material shall be removed. Any standard cleaning method will be acceptable. If water is used, cracks shall be allowed to dry thoroughly before slurry surfacing. Manholes, valve boxes, drop inlets and other service entrances shall be protected from the slurry seal by a suitable method. The B.A.R. shall approve the surface preparation prior to surfacing.

10.2 TACK COAT

Normally, tack coat is not required unless the surface to be covered is extremely dry and raveled or is concrete or brick. If required, the emulsified asphalt should be SS, CSS, or the slurry seal emulsion. Consult with the slurry seal emulsion supplier to determine dilution stability. The tack coat may consist of one part emulsified asphalt/three parts water and should be applied with a standard distributor. The distributor shall be capable of applying the dilution evenly at a rate of 0.05-0.15 gal/yd² (0.23-0.68 l/m²). The tack coat shall be allowed to cure sufficiently before the application of slurry seal. If a tack coat is to be required, it must be noted in the project plans.

10.3 CRACKS

It is recommended to treat cracks wider than 0.25" (0.64cm) in the pavement surface with an approved crack sealer prior to application of the slurry seal.

11. APPLICATION

11.1 GENERAL

If required, it is recommended that a test strip be placed in conditions similar to those expected to be encountered during the project.

The surface may be wetted with water ahead of the spreader box. The rate of application of the water spray shall be adjusted during the day to suit temperature, surface texture, humidity, and dryness of the pavement. Pooling or standing water shall be avoided.

The slurry seal shall be of the desired consistency upon exiting the mixer. A sufficient amount of material shall be carried in all parts of the spreader box at all times so that complete coverage is achieved. Overloading of the spreader shall be avoided.

No lumping, balling, or unmixed aggregate shall be permitted.

Significant streaks, such as those caused by oversized aggregate or broken mix, shall not be left in the finished surface. If excessive streaking occurs, the job will be stopped until the cause of the problem has been corrected. Some situations may require screening the aggregate prior to loading it into the units going from the stockpile area to the jobsite.

11.2 RATE OF APPLICATION

The slurry seal mixture shall be of the proper consistency at all times so as to provide the application rate required by the surface condition. The average application rate shall be in accordance with the following table:

AGGREGATE TYPE	LOCATION	SUGGESTED APPLICATION RATE
Type I	Parking Areas Urban and Residential Streets Airport Runways	8 - 12 lb/yd ² (4.3 - 6.5 kg/m ²)
Type II	Urban and Residential Streets Airport Runways	10 - 18 lb/yd ² (5.4 - 9.8 kg/m ²)
Type III	Primary and Interstate Routes	15 - 22 lb/yd ² (8.1 - 12.0 kg/m ²)

Suggested application rates are based upon the weight of dry aggregate in the mixture. Application rates are affected by the unit weight and gradation of the aggregate and the demand of the surface to which the slurry seal is being applied.

11.3 JOINTS

No excess buildup, uncovered areas, or unsightly appearance shall be permitted on longitudinal or transverse joints. The contractor shall provide suitable equipment to produce a minimum number of longitudinal joints throughout the project. When possible, a longitudinal joint shall not be placed in a wheel path. Less than full box width passes will be used only as required. If less than full box width passes are used, they shall not be the last pass of any paved area. A maximum of 6" (15.2 cm) shall be allowed for overlap of longitudinal joints.

11.4 MIXTURE

The slurry seal shall possess sufficient stability so that premature breaking of the material in the spreader box does not occur. The mixture shall be homogeneous during and following mixing and spreading. It shall be free of excess liquids which create segregation of the aggregate. Spraying of additional water into the spreader box will not be permitted.

11.5 HANDWORK

Areas which cannot be accessed by the mixing machine shall be surfaced using hand squeegees to provide complete and uniform coverage. If necessary, the area to be handworked shall be lightly dampened prior to mix placement. Handwork shall exhibit the same finish as that applied by the spreader box and shall be completed prior to final surfacing.

11.6 LINES

Care shall be taken to apply straight lines along curbs, shoulders, and intersections. No run-off on these areas will be permitted. Roofing felt or heavy plastic may be used to begin or end a pull cleanly. This also provides for easy removal of excess slurry.

11.7 ROLLING

Rolling is usually not necessary for slurry seal on roadways. Airports and parking areas should be rolled by a self-propelled, 10-ton (maximum) pneumatic tire roller equipped with a water spray system. All tires should be inflated per manufacturer's specifications. Rolling shall not start until the slurry has cured sufficiently to avoid damage by the roller. Areas which require rolling shall receive a minimum of two (2) full coverage passes.

11.8 CLEAN UP

All utility access areas, gutters and intersections, shall have the slurry seal removed as specified by the B.A.R. The contractor shall remove any debris associated with the performance of the work on a daily basis.

12. QUALITY CONTROL

12.1 INSPECTION

Inspectors assigned to projects must be familiar with the materials, equipment and application of slurry seal. Local conditions and specific project requirements should be considered when determining the parameters of field inspection.

Proper mix consistency should be one of the major areas of inspector concern. If mixes are too dry, streaking, lumping and roughness will be present in the mat surface. Mixes applied too wet will flow excessively and not hold straight lane lines. Excessive liquids may also cause an asphalt-rich surface with segregation.

12.2 MATERIALS

To account for aggregate bulking, it is the responsibility of the contractor to check stockpile moisture content and to set the machine accordingly. At the B.A.R.'s discretion, material tests may be run on representative samples of the aggregate and emulsion. Tests will be run at the expense of the buyer. The buyer must notify the contractor immediately if any test fails to meet the specifications.

12.3 SLURRY SEAL

If required, representative samples of the slurry seal may be taken directly from the slurry unit(s). Consistency (ISSA TB No. 106) and residual asphalt content (ASTM D2172) tests may be run on the samples. Please note that the consistency test may not be applicable to certain Quick-Set and Quick-Traffic systems because of erratic results due to setting characteristics. If this test is run, it must be performed immediately after the sample is taken. Tests will be run at the expense of the buyer. The buyer must notify the contractor immediately if any test fails to meet specifications.

Data obtained from the proportioning devices on the slurry seal unit may be used to determine individual material quantities and application rate.

12.4 NON-COMPLIANCE

If any two successive tests fail on the stockpile aggregate, the job shall be stopped. If any two successive tests on the mix from the same machine fail, the use of the machine shall be suspended. It will be the responsibility of the contractor, at his expense, to prove to the B.A.R. that the problems have been corrected.

13. PAYMENT

The slurry seal shall be measured and paid for by the unit area or weight of aggregate and the weight of emulsion used on the work completed and accepted by the buyer. If paid by the weight of the aggregate and emulsified asphalt, the contractor shall submit to the B.A.R. certified delivery tickets which show quantities of each material delivered to the job site and used on the project. Payment shall be full compensation for all preparation, mixing and application of materials, and for all labor, equipment, tools, testing, cleaning, and incidentals necessary to complete the job as specified herein.

APPENDIX A

AGENCIES

AASHTO: American Association of State Highway and Transportation Officials
 ASTM: American Society for Testing and Materials
 ISSA: International Slurry Surfacing Association

TEST METHODS

EMULSIFIED ASPHALT

AASHTO TEST NO.	ASTM TEST NO.	TEST
M 140	D 877	Standard Specification for Emulsified Asphalt
M 208	D 2397	Specification for Cationic Emulsified Asphalt
T 40	D 140	Sampling Bituminous Materials
T 59	D 244	Test Methods and Practices for Emulsified Asphalts
T 59	D 6897	Distillation of Emulsified Asphalt

AGGREGATE AND MINERAL FILLER

AASHTO TEST NO.	ASTM TEST NO.	TEST
T 176	D 2419	Sand Equivalent Value of Soils and Fine Aggregate
T 104	C 88	Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
98	C 131	Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine (This test should be performed on the parent rock that is used for crushing the finer gradation Micro Surfacing material.)
T 27	C 136	Sieve Analysis of Fine and Coarse Aggregates
T 11	C 117	Test Method for Materials Finer than 75µm (No. 200) Sieve in Mineral Aggregates by Washing
T 2	D 75	Sampling Aggregates
M 17	D 242	Mineral Filler for Bituminous Paving Mixtures
T 19	C 29	Bulk Density ("Unit Weight") and Voids in Aggregate

APPENDIX A
TEST METHODS (CONTINUED)

SLURRY SEAL SYSTEM

ISSA TEST NO.	Test
TB 100	Test Method for Wet Track Abrasion of Slurry Surfaces
TB 101	Guide for Sampling Slurry Mix for Extraction Test
TB 106	Measurement of Slurry Seal Consistency
TB 109	Test Method for Measurement of Excess Asphalt in Bituminous Mixtures by Use of a Loaded-Wheel Tester
TB 111	Outline Guide Design Procedure for Slurry Seal
TB 112	Method of Estimate Slurry Seal Spread Rates and To Measure Pavement Macrotecture
TB 113	Trial Mix Procedure for Slurry Seal Design
TB 114	Wet Stripping Test for Cured Slurry Seal Mixes
TB 115	Determination of Slurry Seal Compatibility
TB 139	Method of Classified Emulsified Asphalt, Aggregate Mixtures by Modified Cohesion Test Measurement of Set and Cure Characteristics
A105	Design, Testing, and Construction of Slurry Seal

NOTES:

ASTM D 3910, Standard Practice for Design, Testing, and Construction of Slurry Seal, is a combined reference of the ISSA Test Bulletins listed above.

ASTM D 2172, Standard Test Methods for Quantitative Extraction of Bitumen From Bituminous Paving Mixtures, is referenced in Section 12.3.

ISSA A105
Revised February 2010



International Slurry Surfacing Association
#3 Church Circle, PMB 250
Annapolis, MD 21401
(410) 267-0023
www.slurry.org

SECTION 715

SLURRY SEAL MATERIALS

715.1 GENERAL:

Slurry seal shall consist of a properly proportioned mixture of emulsified asphalt, mineral aggregate, mineral fillers, additives (if necessary), and water.

All material sources must be approved prior to their use. The Contractor will submit a job mix formula and if requested prequalifications for materials at least seven days prior to start of construction. When requested, additional samples will be furnished during the construction period at no cost to the Contracting Agency. This is a non-pay item.

715.2 AGGREGATE:

715.2.1 Mineral Filler: Mineral filler shall consist of finely divided matter, such as hydrated lime, Portland cement, limestone dust or fly ash, conforming to the requirements of ASTM D4318. Mineral filler shall be used only when needed to reduce the setting time, to improve the workability or to reduce the stripping characteristics of the aggregate emulsion mixture. The minimum amount of the required filler will be used and it will be considered as part of the blended aggregate. The expected range shall be between .25% and 2.0% by weight of aggregate.

715.2.2 Mineral Aggregate: Coarse and fine aggregates or approved mineral filler shall be per Section 701. The mineral filler will be considered as part of the blended aggregate. The material shall be non-plastic (ASTM D4318) with a sand equivalent (ASTM D2419) of at least 50. The abrasion loss (ASTM C131) shall not exceed 35 percent. Historical test data from source aggregate may be used that was run within the past two years. Mineral aggregates used shall be 100% crushed. No natural sand shall be allowed. The gradation of mineral aggregate without mineral filler shall conform to Table 715-1.

SIEVE SIZE	Type I % PASSING	Type II % PASSING	Type III % PASSING
3/8	100	100	100
No. 4	100	85/100	70/90
No. 8	90/100	65/90	45/70
No. 16	65/90	45/70	28/50
No. 30	40/60	30/50	19/34
No. 50	25/42	18/30	12/25
No. 100	15/30	10/21	7/18
No. 200	10/20	5/15	5/15
Emulsified Asphalt content as a % of Dry Wt. Of Aggregate (approx.) ASTM D3910 (W.T.A.T. TEST)	18	16	14
Residual Asphalt Range requirements % of Dry Wt. of Aggregate ASTM D3910 (W.T.A.T. TEST)	10-16	7.5-13	6.5-12
Pounds of Aggregate per Square Yard (approx.)	8-10	12-18	18-25

715.3 BITUMINOUS MATERIAL:

The emulsified asphalt used for seal coating shall be quick setting or slow setting as per Section 713.

SECTION 715

Polymer modified cationic quick setting emulsion (PMCQS-1h) may be used when approved by the Engineer.

The quick setting emulsified asphalt shall be of the anionic or cationic quick set type such as QSH, CQSH, or PMCQS-1h that will react to chemically active mineral fillers such as Portland cement in such a way that the applied slurry mixture can support controlled traffic in 45-60 minutes after application. The amount of chemically active filler shall be determined by job mix formula and field performance.

Polymer modified cationic quick setting emulsion (PMCQS1-h) shall be homogeneous and the polymer used shall consist of either a solid polymer milled / blended into the asphalt or latex blended into the emulsifier solution prior to the emulsification process. The PMCQS-1h shall contain a minimum of three percent polymer and shall conform to Section 713.

Slow setting emulsion may be used when traffic control is not a critical item.

Quick Set Emulsion Mix Properties	
Slurry Seal Mixing, 70-85 degree F., Sec.	120 Sec. Min.
Slurry Seal Setting text, 70-85 degree F., 1 hour cure	No Brown Stain
Slurry Seal Water Resistance Test, 70-85 degree F., 30 minute cure	No More Than Slight Discoloration

Placement of slurry seal is temperature dependent and should be tested under field conditions.

715.4 WATER:

Water shall be potable and be compatible with the slurry ingredients used.

715.5 DETERMINATION OF JOB MIX FORMULA:

The job mixture shall be designed to provide a suitable surface for traffic conditions, climate and curing. All materials shall be pre-tested in a qualified laboratory to determine their suitability for use in the slurry seal. The Wet Track Abrasion Test (W.T.A.T.) will be used for design purposes to establish the mix design to be used in the specified slurry seal.

The test will show a maximum wear loss of 75 grams per square foot. Samples of materials to be used on the job shall be used to run the W.T.A.T. The test will be performed in accordance with ASTM D3910 Design Testing and Construction of Slurry Seal.

715.5.1 Composition of Slurry Seal Mixtures: The job mixture shall conform to the requirements of the contract documents. The mixture shall attain an initial set in not less than 5 minutes not more than one hour. In cases where the surface is not critical to be open to traffic, a longer set time may be allowed, however not to exceed 12 hours. The setting time may be adjusted by the addition or removal of approved mineral fillers or chemical agents. The mixture shall be one of three types whose combined aggregates conform to the graduation requirements of Table 715-1. The mixture shall be sufficiently free flowing to fill cracks in the pavement. The mixture shall not segregate during or after laydown. The mixture shall produce a skid-resistant surface.

715.5.2 Trial Applications: The Contractor shall place a test strip of 60 square yards in the area designated by the Engineer. The test section shall be placed using the same equipment and methods as will be used on the job. The slurry mixture placed in a test strip shall conform to the design mix as determined by the W.T.A.T. with minor variations to obtain crack filling, set time, pavement bond and a skid resistant texture. If the materials do not meet the requirements for fluidity, non-segregation, or surface texture, a new job mix shall be formulated and tested. Work shall not proceed before approval of design mix and acceptance following the placing of a test strip.

715.6 TEST CERTIFICATES & REPORTS:

Test certificates and reports for the bituminous material shall be furnished in accordance with Section 711.

**SLURRY SEAL SERVICES
BID FORM**

COPY

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The Vendor hereby offers and agrees to furnish, deliver and install materials, labor and all costs associated and in compliance with all terms, conditions, specifications, and any addenda to this bid. Failure to comply with the aforementioned may result in disqualification of the bid.

Prices quoted must remain firm - fixed prices for the first TWELVE (12) months, renewable for four (4) additional one year terms, one year at a time. It will be the vendor's responsibility to notify City of any price change thirty (30) days prior to the anniversary date of contract renewal. Failure to do so may result in the denial of any increase requested. The contract will automatically be renewed annually at the same price (s) if no request has been received.

In the event of an unpredictable change in the market that affects the then current contract price, the Vendor may submit justification for a price adjustment. The Contract Administrator and Purchasing Agent will review the justification and determine applicable price adjustment. Upon return to normal market conditions, the price will be adjusted to the price established by the original contract terms. The Purchasing Agent will be the final authority on any price adjustment due to unpredictable market change. If the Vendor, Manufacturer or Supplier at anytime during the course of this contract, makes a general price decrease to the Vendor, the Vendor must promptly notify the City in writing and extend such decrease to the City effective on the date of such general price decrease.

DISCLAIMER NOTE All Bidders must register with www.AZPurchasing.org. Please be advised if the solicitation accompanying this Bid Form is received by other than downloading the solicitation directly from www.AZPurchasing.org, you may not receive all the required documents. The City of Yuma will not accept any bids that are not on this Bid Form.

Delivery is guaranteed within: **15** days, after Receipt of Order (ARO)?

Date **September 15, 2016**

To: **City of Yuma, Yuma, Arizona**

From: **Vendor (Business Name)**

Owner's Name

American Payment Preservation

APP Holdings

Physical Business Address (No PO Box)

4725 East Cartier Avenue

Mark if City or Town

City Town

County

Clark County Nevada

City

Las Vegas

State & ZIP

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