

Bidder Data and Signature

Name of Bidder: Pavement Coatings Co.

Type of organization: Corporation

Person(s) authorized to sign for Bidder: Doug Ford, President

Thomas Mucenski, Secretary Nathan Beyler, Treasurer

Note:

If Bidder is a **Corporation**, state legal name of Corporation and also names of the president, vice-president, secretary, treasurer and manager thereof.

If Bidder is a **Co-Partnership**, state true name of firm and also names of all individual co-partners composing firm.

If Bidder is a sole proprietorship or an **Individual**, state first and last name(s) in full.

If Bid is signed by an agent other than an owner, partner or corporate officer, Bid shall be accompanied by a power-of-attorney.

Business Street Address: 10240 San Sevaine Way
(Please include business address even if P.O. Box is used.)

Business City, State, Zip Code: Jurupa Valley, CA 91752

P.O. Box- Number: _____

P.O. Box- City, State, Zip Code: _____

Phone: (714) 826-3011

Facsimile: (714) 826-3129

E-mail: dford@pavementcoatings.com

Contractor's license number: 303609

License Classification(s): A ; C32

Expiration date: 09-30-2016

Department of Industrial Relations Registration Number: 1000003382

Bidder Data and Signature (continued)

Accompanying this Bid is a certified check, cashier check or bid bond in an amount equal to at least ten (10) percent of the total bid for:

Slurry Seal Project

District 1

Project No. C4-0006

District 3

Project No. C4-0008

By my signature on this Bid, I certify, under penalty of perjury under the laws of the State of California, that all the information on this form is true and correct.

IN WITNESS WHERE OF Bidder/Contractor executed this Bid as of the date set forth on page B1 of this Bid.

Signature:



Name (printed):

_____ Doug Ford _____

Title:

_____ President _____
"Contractor"

Subcontractor List

Bidder/Contractor submits the following complete list of each Subcontractor who will perform work, labor or render service in or about the construction in an amount in excess of 1/2 of 1% of the total bid or \$10,000 whichever is greater.

Check box on right side of row if any construction item, for the listed Subcontractor, is partial work. If partial work is to be performed within a certain construction item or trade, the Bidder/Contractor shall specify the portion(s) of the work to be performed by the different subcontractors or Bidder/Contractor will be subject to provisions of Public Contract Code Section 4106.

Name of Bidder (Prime/General Contractor): Pavement Coatings Co.

	Subcontractor Name	License Number	DIR Registration Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.	SAFE USA	874085	1000000811	ONTARIO, CA	2, 7, 8, 9, 14, 18, 19, 20 P+R STRIPING + MARKING	<input type="checkbox"/>
2.						<input type="checkbox"/>
3.	Global ROAD SEALING	775584	1000007714	GARDEN GROVE, CA	1, 14 CRACK SEAL	<input type="checkbox"/>
4.						<input type="checkbox"/>
5.	HARDY + HAPPER	215952	100000076	SANTA ANA	13, 16, 17 AC PAVING	<input type="checkbox"/>
6.						<input type="checkbox"/>
7.						<input type="checkbox"/>

☐ (If applicable, check box.) Additional information for Subcontractor List is attached to this Bid. (A copy of this form may be attached with additional Subcontractor information.)

Percent of work to be performed by Subcontractors: 40 %

Note: A minimum of 50% of the work is required to be performed by the prime/general Contractor.

Non-Collusion Declaration

To be executed by bidder and submitted with bid.
(Title 23 United States Code Section 112 and Public Contract Code Section 7106)

The undersigned declares:

I am the President (Title) of Pavement Coatings Co. (Company),
the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder.

All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price of any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the applicable laws that the foregoing is true and correct and that this declaration is executed on

July (Month) 14th (Day) of 2015 (Year),

at Jurupa Valley (City), CA (State).

Signature of Declarant: 

Printed name of Declarant: Doug Ford

Name of Bidder (Company): Pavement Coatings Co.

Title or Office: President

Note: Notarization of signature required.
☒ Check box if attachment is included.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)

County of RIVERSIDE)

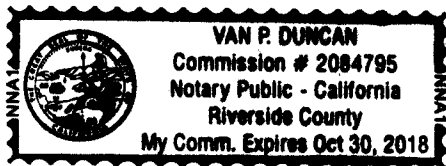
On JULY 15, 2015 before me, VAN P. DUNCAN, NOTARY PUBLIC,
Date Here Insert Name and Title of the Officer

personally appeared DOUG FORD
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Van P. Duncan
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: NON COLLUSION Document Date: 7-14-15
Number of Pages: 1 Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

Iran Contracting Act
(Public Contract Code sections 2200-2208)

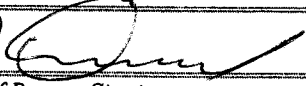
Prior to bidding on, submitting a proposal or executing a contract or renewal for a County of Riverside contract for goods or services of \$1,000,000 or more, a Contractor must either:

- a) Certify it is not on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code section 2203(b) and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or
- b) Demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code section 2203(c) or (d).

To comply with this requirement, please insert your Contractor or financial institution name and Federal ID Number (if available) and complete one of the options below. Please note: California law establishes penalties for providing false certifications, including civil penalties equal to the greater of \$250,000 or twice the amount of the contract for which the false certification was made; contract termination; and three-year ineligibility to bid on contracts. (Public Contract Code section 2205.)

Option #1 – Certification

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is **not** on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person/vendor, for 45 days or more, if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

<i>Contractor Name/Financial Institution (Printed)</i> Pavement Coatings Co.		<i>Federal ID Number (or n/a)</i> 95-2916670
<i>By (Authorized Signature)</i> 		
<i>Printed Name and Title of Person Signing</i> Doug Ford, President		
<i>Date Executed</i> 07-14-2015	<i>Executed in</i> Jurupa Valley, CA	

Option #2 – Exemption

Pursuant to Public Contract Code sections 2203(c) and (d), a public entity may permit a Contractor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services.

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

<i>Contractor Name/Financial Institution (Printed)</i>		<i>Federal ID Number (or n/a)</i>
<i>By (Authorized Signature)</i>		
<i>Printed Name and Title of Person Signing</i>		
<i>Date Executed</i>	<i>Executed in</i>	



Juan C. Perez, P.E., T.E.
Director of Transportation and Land
Management

COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.
Assistant Director of Transportation

Transportation Department

ADDENDUM NUMBER 1

Dated July 2, 2015

to the
Specifications and Contract Documents
for the construction of

Slurry Seal Project

District 1

Project No. C4-0006

District 3

Project No. C4-0008

Bids Due: Wednesday, July 8, 2015; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to Section 8 of Instructions to Bidders of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the plans and specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Bid. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted Bid.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

- Item 1: Public Works Contractor Registration Program**
All bidding contractors and subcontractors are being advised that no contractor or subcontractor may be awarded a contract for public works on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to labor Code section 1725.5.

Addendum No.1
Slurry Seal Project, District 1 and 3
Project No. C4-0006 and C4-0008
July 2, 2015
Page 2 of 13

Item 2: Asphalt Rubber Binder (Rubberized Chip Seal)
Following Special Provisions added and made part hereof:

ASPHALT RUBBER BINDER (RUBBERIZED CHIP SEAL)

Hot applied seal coat shall consist of an application of heated modified asphalt binder, heated screenings precoated with paving asphalt on existing roadway pavement. Hot applied seal coat shall conform to the provisions specified for seal coats in Section 37-1, "Seal Coats," of the Standard Specifications and these Special Provisions.

MATERIALS

Modified Asphalt Binder

Modified asphalt binder shall consist of asphalt binder containing a minimum of 18 percent ground tire rubber. The tire rubber shall be incorporated into the asphalt binder such that a smooth and homogeneous composition results. Modified asphalt binder shall be performance grade **PG 76-22TR** conforming to the requirements in the following table:

Addendum No.1
 Slurry Seal Project, District 1 and 3
 Project No. C4-0006 and C4-0008
 July 2, 2015
 Page 3 of 13

Modified Asphalt Binder

Property	AASHTO Test Method	Specification Grade
		PG 76-22TR
Original Binder		
Flash Point, Minimum °C	T 48	230
Solubility, Minimum % ^b	T 44 ^c	97.5
Viscosity at 135°C, ^d Maximum, Pa·s	T 316	3.0
Dynamic Shear, Test Temp. at 10 rad/s, °C Minimum G*/sin(delta), kPa	T 315	76 1.00
RTFO Test , Mass Loss, Maximum, %	T 240	1.00
RTFO Test Aged Binder		
Dynamic Shear, Test Temp. at 10 rad/s, °C Minimum G*/sin(delta), kPa	T 315	76 2.20
Dynamic Shear, Test Temp. at 10 rad/s, °C Maximum (delta), %	T 315	Note e 80
Elastic Recovery ^f , Test Temp., °C Minimum recovery, %	T 301	25 65
PAV ^g Aging, Temperature, °C	R 28	110
RTFO Test and PAV Aged Binder		
Dynamic Shear, Test Temp. at 10 rad/s, °C Maximum G*/sin(delta), kPa	T 315	31 5000
Creep Stiffness, Test Temperature, °C Maximum S-value, MPa Minimum M-value	T 313	-12 300 0.300

Notes:

- Do not modify using acid modification.
- The Engineer will waive this specification if the supplier is a Quality Supplier as defined by the Caltrans' "Certification Program for Suppliers of Asphalt."
- ASTM D5546 may be used instead of AASHTO T 44.
- The Engineer will waive this specification if the supplier certifies the paving asphalt can be adequately pumped and mixed at temperatures meeting applicable safety standards.
- Test temperature is the temperature at which G*/sin(delta) is 2.2 kPa. A graph of log G*/sin(delta) plotted against temperature may be used to determine the test temperature when G*/sin(delta) is 2.2 kPa. A graph of (delta) versus temperature may be used to determine delta at the temperature when G*/sin(delta) is 2.2 kPa. The Engineer also accepts direct measurement of (delta) at the temperature when G*/sin(delta) is 2.2 kPa.
- Tests without a force ductility clamp may be performed.
- "PAV" means Pressurized Aging Vessel.

Addendum No. 1
Slurry Seal Project, District 1 and 3
Project No. C4-0006 and C4-0008
July 2, 2015
Page 4 of 13

A Certificate of Compliance conforming to Section 6-1.07 of the Standard Specification shall be furnished to the Engineer prior to the start of the work. The certificate shall be current and for the materials delivered to the work site. Test results supporting the Certificate of Compliance shall be from an AASHTO-certified laboratory. The certificate shall show the shipment number, source and grade of binder, percentage of tire rubber by weight of the modified asphalt binder, refinery, consignee, quantity, project title, and date of shipment.

The Contractor shall provide one (1) gallon sample of the modified asphalt binder 14 days before placement of the hot applied chip seal and shall be submitted to the Engineer in sealed container showing project title, type and source of material, percentage of tire rubber, and date of shipment. The Contractor shall provide the Engineer with a Material Safety Data Sheet (MSDS) of the modified asphalt binder.

Additional samples may be required during the course of placement of the hot applied seal coat as directed by the Engineer. At any time, the Engineer may perform quality testing on the samples submitted by the Contractor as deemed necessary to determine the materials compliance with the specifications.

Pre-Coated Screenings

Pre-coated screenings shall be screenings which are heated and pre-coated with paving asphalt prior to delivery to the work site.

The paving asphalt shall be performance grade **PG 70-10** conforming to Section 92 of the Standard Specification. A Certificate of Compliance conforming to Section 6-1.07 shall be submitted to the Engineer prior to the start of the work.

Screenings shall consist of broken stone, crushed gravel, or both. At least 90 percent of screenings by weight shall consist of crushed particles having 2 or more fractured faces as determined under California Test 205. Screenings shall conform to the following requirements immediately prior to pre-coating with the paving asphalt. Screenings shall conform to the grading requirements as determined under California Test 202 in the following table:

Screening Grading Requirement

Medium 3/8" max. size (3/8" X No. 6)	
Sieve Size	Percentage Passing
1/2"	100
3/8"	85-100
No. 4	0-15
No. 8	0-5
No. 200	0-2

Addendum No. 1
Slurry Seal Project, District 1 and 3
Project No. C4-0006 and C4-0008
July 2, 2015
Page 5 of 13

Screenings shall conform to the quality requirements shown in the following table:

Screening Quality Requirements

Test Parameters	California Test	Requirements
Los Angeles Rattler Loss (100 Revolutions)	211	10 max.
Los Angeles Rattler Loss (500 Revolutions)	211	45 max.
Film Stripping	302	25 max.
Cleanness Value	227	80 min.
Durability	229	52 min.

Representative samples for the cleanness value test shall be taken immediately prior to preheating. Representative samples for grading requirements shall be taken prior to pre-coating with the paving asphalt.

If the result of the aggregate grading for screenings does not meet the gradation specified, the seal coat operation shall not continue until a passing grading is met.

If the result of the cleanness value test for screenings is below 80, the seal coat operation shall not continue until a passing cleanness value is achieved.

Additional samples of the uncoated aggregate shall be taken during the course of placement of the seal coat and shall be tested for grading and cleanness value to determine the aggregate compliance with the specifications. The Engineer shall perform a minimum of 2 sampling and testing of the uncoated aggregate per day during placement. The Contractor shall cease all work when any individual test result of either grading screening or cleanness value of the uncoated aggregate is out of compliance. Seal coat operation shall resume when the Contractor has taken corrective measures and that the test results are in conformance with the specifications.

Screenings shall be heated to a temperature between 260°F and 350°F and then pre-coated with 0.7 to 1.0 percent paving asphalt by weight of dry aggregate. The exact percentage shall be recommended by the Contractor and approved by the Engineer. Pre-coating shall be performed in an asphalt concrete plant. **Stockpiling of screenings after heating and pre-coating will not be permitted.**

Each load shall be completely covered during hauling.

EQUIPMENT

All equipment shall be approved by the Engineer prior to use.

The Contractor shall utilize the following equipment for hot applied seal coat operation:

Addendum No.1
Slurry Seal Project, District 1 and 3
Project No. C4-0006 and C4-0008
July 2, 2015
Page 6 of 13

Distributor Trucks

Distributor trucks shall be self-propelled and equipped with a hydrostatic asphalt pump. The use of gravity distributors will not be permitted.

Distributor trucks shall be equipped with:

- a) a cab-mounted, computerized control system with digital readout,
- b) a cab-controlled automatic valve system capable of controlling circulation and spray,
- c) a ground travel speed and distance traveled measuring system,
- d) a heating unit and pump or pumps capable of spraying within ± 0.03 gallons per square yard of the specified application rate,
- e) a full-circulating, 12-foot-wide spray bar, capable of uniform application across the full-width of a traffic lane without streaks or other distortions,
- f) thermometers, including one on the side of the tank visible to the Engineer when standing on ground level,
- g) pressure gauges,
- h) volume gauges,
- i) temperature gauges,
- j) a hose and nozzle to be used for spraying areas inaccessible to the distributor truck, and
- k) observation platform on the rear of the truck for an observer on the platform to see the nozzles and unplug them if needed.

The spray bar shall be adjustable to permit positioning at various heights above the roadway surface to be seal coated. If a spray bar extension is used to cover a greater width, it shall be of the full-circulating type. No liquid shall drip onto existing roadway pavement or roadway pavement which has been seal coated.

Haul Trucks

Haul trucks for hauling screenings shall be equipped with the following:

- a) tailgate discharge,
- b) locking device for connecting to the chip spreader,
- c) dump body that, when fully raised, will not push down on the chip spreader,
- d) a dump body lip of sufficient length that screenings will not dump onto the roadway during discharge into the rear hopper of the chip spreader, and
- e) a manual or automatic load covering system.

Chip Spreaders

Chip spreaders shall be

- a) specifically designed and constructed to spread screenings,
- b) self-propelled,
- c) capable of towing haul trucks during discharge,
- d) capable of spreading screenings over the full-width of a traffic lane in one application,

and be equipped with the following:

Addendum No.1
Slurry Seal Project, District 1 and 3
Project No. C4-0006 and C4-0008
July 2, 2015
Page 7 of 13

- e) a locking device for attaching to haul trucks,
- f) a rear hopper for receiving screenings,
- g) an adjustable-width front hopper for spreading screenings,
- h) a belt conveyor system capable of transporting screenings deposited in the rear hopper to the front hopper, and
- i) a computerized spread rate control system capable of adjusting the spread rate up or down in 1 pound increments.

Pneumatic Tire Rollers

Pneumatic tire rollers shall be of the oscillating-type having a width of not less than 4 feet. Wobble-wheel rollers will not be permitted. Rollers shall be self-propelled and reversible. Each roller shall have a separate operator.

Pneumatic tires shall be of equal size, diameter, type, and ply, spaced so that the gaps between adjacent front tires will be covered by adjacent rear tires, and inflated to 100 ± 5 pounds per square inch. Rollers shall be constructed so that the total weight can be varied to produce an operating weight per tire of not less than 2,000 pounds.

Pneumatic tire rollers shall be equipped with tire pads and a water spray system capable of preventing the pneumatic tires from sticking to the seal coat surface. A parting agent approved by the Engineer may be used. The parting agent shall not contain a petroleum-based solvent or other constituent which may cause damage to the seal coat.

Steel Wheel Roller

Steel wheel roller shall be self-propelled and reversible weighing from 8 tons (minimum) to 10 tons (maximum). The roller shall be equipped with an adequate scraping or cleaning device on each wheel to prevent the accumulation of material on the wheels. The roller shall also be equipped with a water system which will keep all wheels uniformly wet to prevent material pickup.

Sweepers

Sweepers shall be self-propelled, equipped with a vacuum type broom and having only negative air pressure at the road surface, and capable of removing loose screenings without dislodging those seated in the seal coat. Gutter brooms or steel-tined brooms shall not be used.

PREPARATION OF EXISTING PAVEMENT

The Contractor shall prepare the existing roadway surface prior to application of the seal coat.

Manhole covers, utility vaults and the surfaces of other utility facilities, survey monuments, and benchmarks shall be covered using a material approved by the Engineer. The cover material and application procedure shall not result in adherence of the seal coat to the facility nor in stripping of the seal coat from the adjacent pavement.

Addendum No. 1
Slurry Seal Project, District 1 and 3
Project No. C4-0006 and C4-0008
July 2, 2015
Page 8 of 13

Thermoplastic striping and pavement markings, raised pavement markers, and raised pavement marker adhesive shall be removed.

Immediately before applying the seal coat, the existing roadway surface shall be clean and dry. Cleaning shall be performed by sweeping, flushing, or another method which will result in the removal of all loose pavement particles, dirt, and other extraneous material.

APPLICATION

Modified Asphalt Binder

Modified asphalt binder shall be placed upon a clean dry surface and shall be applied by distributor trucks conforming to requirement of these Special Provisions except small or inaccessible areas may be applied with a wand if so approved by the Engineer. The Contractor shall comply with Federal, State, and Local environmental laws, rules, regulations, and ordinances including, but not limited to, air quality requirements.

Modified asphalt binder shall not be applied:

- a) when weather conditions, including excessive wind, are unsuitable,
- b) when the existing pavement is damp or wet,
- c) until sufficient screenings are on hand to immediately cover the binder,
- d) a greater distance than can immediately be covered with screenings,
- e) when the atmospheric temperature is below 65°F,
- f) when the atmospheric temperature is above 105°F, or
- g) when the pavement temperature is below 80°F.

In windy conditions, the Contractor may adjust the distributor bar height and distribution speed, and use shielding equipment, if approved by the Engineer.

Modified asphalt binder shall be applied to only one designated traffic lane at a time, and the full-width shall be covered in one operation.

Application of the modified asphalt binder shall be discontinued sufficiently early in the day to permit termination of traffic control (lane closure) prior to darkness.

Application Temperature

Modified asphalt binder shall be between 330°F and 375°F at the time of application.

Application Rate

Modified asphalt binder shall be applied at a rate of 0.36 to 0.46 gallons per square yard. **The initial rate of application shall be 0.40 gallons per square yard.** The Contractor may propose a different initial rate. If so requested by the Engineer, the Contractor shall apply modified asphalt binder to 100-foot test strips at different rates to assist in determination. The initial rate shall be adjusted up or down as necessary (but

Addendum No.1
Slurry Seal Project, District 1 and 3
Project No. C4-0006 and C4-0008
July 2, 2015
Page 9 of 13

within the specified limit) to provide complete and uniform coverage and ensure that no bleeding occurs during rolling. The initial rate, and any necessary adjustments thereto during application, shall be subject to approval by the Engineer.

During spraying, the application rate, as determined in accordance with California Test 339, shall not vary more than 10 percent from the rate approved by the Engineer.

When placing modified asphalt binder at intersections, left turn lanes, gore points, and other irregular areas, the binder application shall not be in excess of that which can be covered with screenings within ten (10) minutes.

For areas not accessible to a truck distributor bar, the modified asphalt binder shall be hand sprayed or other means approved by the Engineer.

After application, modified asphalt binder shall completely and uniformly cover the underlying pavement and be free of streaks and voids.

Pre-coated Screenings

Pre-coated screenings shall be uniformly spread by a chip spreader in conformance with the provisions in these Special Provisions. Screenings shall be spread at a uniform rate over the full lane width in 1 operation. Spreading shall begin immediately following the application of the modified asphalt binder.

Application Temperature

Pre-coated screenings shall be a minimum of 225°F at the time of spreading.

Application Rate

The spread rate shall be from 26 to 40 pounds per square yard. **The initial rate shall be 30 pounds per square yard.** The Contractor may propose a different initial rate. If so requested by the Engineer, the Contractor shall spread 100-foot test strips at different rates. The initial rate, and any necessary adjustments thereto during spreading, shall be approved by the Engineer. The calculated spread rate upon completion shall be within 5 percent of the rate approved by the Engineer.

The chip spreader shall not be operated at speeds which cause the screenings to roll over after striking applied binder.

Joints

Excess screenings at joints shall be swept clean prior to the application of hot applied seal coat to the adjoining traffic lane.

Joints shall be free from ridges and depressions and shall have a uniform appearance consistent with the adjacent seal-coated surface.

Addendum No.1
Slurry Seal Project, District 1 and 3
Project No. C4-0006 and C4-0008
July 2, 2015
Page 10 of 13

Transverse Joints

When joining edges against surfaces that has been seal coated, application shall start and stop on building paper, or other similar material approved by the Engineer, spread over the entire application width. The building paper shall be removed and disposed of by the Contractor after use.

Longitudinal Joints

Longitudinal joints between adjacent applications shall coincide with the line between designated traffic lanes and be overlapped for a width not exceeding 4 inches. Adjacent applications shall be blended by brooming.

FINISHING

Finishing shall consist of the following (in order of sequence):

- a) rolling
- b) sweeping

After the screenings have been spread, piles and ridges shall be removed. Additional screenings shall be spread to completely and uniformly cover the hot applied seal coat, after which the seal coat shall be rolled. After sweeping, clean sand shall be applied to areas where bleeding is evident and/or areas where screenings are picked up by rollers.

Rolling

A minimum of 3 pneumatic-tired rollers and a steel-wheeled roller conforming to these Special Provisions shall be furnished and operated.

A coverage shall be defined as the number of passes needed for a roller to cover the full application width. A pass shall be defined as 1 roller movement parallel to the seal coat application in either direction. Overlapping passes shall be considered part of the coverage being performed and not a part of a subsequent coverage. A coverage shall not be started until the previous coverage has been completed.

Rolling shall be performed in the following sequence:

- a) Initial rolling consisting of 1 coverage with a pneumatic-tired roller
- b) Secondary rolling consisting of 2 coverages with a pneumatic-tired roller
- c) Final rolling consisting of 1 coverage with a steel-wheeled roller

Initial rolling shall begin within 60 seconds after the screenings have been spread. The screenings shall not be spread more than 150 feet ahead of the initial rolling.

Secondary rolling shall begin immediately after completion of the initial rolling. The amount of secondary rolling shall be sufficient to adequately seat the screenings and in no case shall be less than 2 complete coverages.

Addendum No.1
Slurry Seal Project, District 1 and 3
Project No. C4-0006 and C4-0008
July 2, 2015
Page 11 of 13

Final rolling shall follow after completion of the secondary rolling. The roller shall be operated in static mode only.

Sweeping

Sweepers shall conform to the requirements of these Special Provisions. Sweeping shall be used to remove loose screenings from the roadway, adjacent gutters, curb ramps, sidewalks, driveways, and intersecting roadways. A minimum of 3 self-propelled brooms shall be furnished and operated in addition to those required for maintenance of seal coats which have been previously applied.

Initial sweeping shall be light brooming and shall not cause the screenings to separate from the seal coat. The Contractor shall commence the initial sweeping after the screenings have been in place for a period of 2 to 4 hours.

Excess screenings generated by sweeping operations shall not remain on graded shoulders nor be salvaged and stockpiled for spreading. Excess screenings shall be disposed of by the Contractor.

MAINTENANCE

The Contractor shall maintain the seal coat surface for 5 calendar days from the day the screenings are applied or until the microsurfacing is applied. Maintenance shall include maintaining the seal coat surface free of loose screenings by sweeping, applying additional screenings and/or sand cover as may be necessary to absorb free asphaltic material, covering any areas deficient in coat material, and other work as directed by the Engineer. Sweeping shall not result in screenings set in the asphaltic material becoming loose.

The exact duration of sweeping operations will be determined by the Engineer. As a minimum, sweeping will be required at times specified in Section 37-1.07, 7th paragraph.

TRAFFIC CONTROL

In addition to the requirements of Sections 7-1.08 and 7-1.09 and Section 37-1.03 paragraphs 4th through 6th, of the Standard Specifications, the Contractor shall comply with the latest edition of the Manual of Uniform Traffic Control Devices (MUTCD) and the following requirements:

- a) At locations where public traffic is being routed over a roadway upon which a seal coat is to be applied, the seal coat shall not be applied to more than one-half the width of the traveled way at a time, and the remaining width shall be kept free of obstructions and open for use by public traffic until the seal coat is ready for use by public traffic.
- b) Pilot cars utilized by the Contractor to convoy or otherwise control traffic shall be capable of radio communication with other pilot cars, flaggers, and Contractor personnel in the work area. The maximum speed of the pilot cars convoying or controlling public traffic through the traffic control zone shall be 25 miles per hour on

Addendum No.1
Slurry Seal Project, District 1 and 3
Project No. C4-0006 and C4-0008
July 2, 2015
Page 12 of 13

2-lane, 2-way roadways and 30 miles per hour on multilane divided and undivided roadways. Pilot cars shall only use traffic lanes open to public traffic.

Prior to placement of the seal coat, a Traffic Control Plan shall be submitted to the Engineer for approval.

The Contractor shall be held fully responsible for damage to windshields and for chipping of paint on vehicles passing through the work site.

The posting of construction zone speed limit signs that reduce the legally posted speed limit by more than 10 MPH shall not relieve the Contractor of the responsibility for damage to vehicle windshields and paint, unless the Contractor first conducts a speed survey justifying said reduction in accordance with California Vehicle Code (CVC) requirements. Said speed survey shall be conducted by an entity allowed to perform such survey under the CVC. The above does not prevent the Contractor from posting advisory signs recommending that drivers reduce their speed by more than 10 MPH from the legally posted speed limit.

The Engineer or his representative shall determine, at his/her sole discretion, whether or not a claim for windshield or paint damage against the Contractor is valid.

If the Engineer determines that the claim is valid, then the Contractor shall file within 10 working days to resolve said claim and provide proof of such timely resolution to the Engineer any and all such claims prior to the release of retention funds.

Prior to opening the lanes to public traffic, all construction signs and appropriate speed-reduction signs shall remain in place and shall be maintained by the Contractor until there is no further dislodging of the aggregate screenings.

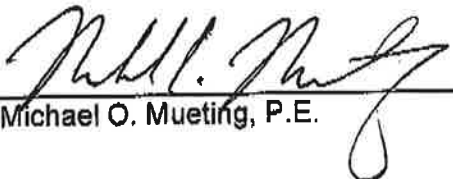
METHOD OF PAYMENT

Payment for hot applied seal coat shall be considered as included in the contract unit price paid per ton for "Asphalt-Rubber Binder (Rubberized Chip Seal) and shall include full compensation for furnishing labor, materials, tools, equipment and incidentals, pavement preparation, rolling, sweeping, disposing of excess material, application of sand to bleeding areas, maintenance, and all other work required by these Special Provisions and as directed by the Engineer.

No adjustment in payment will be made for any increase or decrease in the quantity of modified asphalt binder or screenings necessary to obtain the application rates required by the Engineer.

Addendum No.1
Slurry Seal Project, District 1 and 3
Project No. C4-0006 and C4-0008
July 2, 2015
Page 13 of 13

This addendum has been prepared under the direction of the following registered Civil Engineer(s):

 7-2-15
Michael O. Muetting, P.E.



Concurrence:

 7/2/15
Khalid Nasim, P.E.
Engineering Division Manager

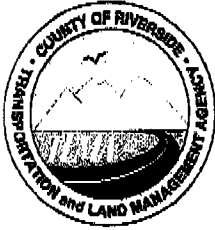
Acknowledged:


(Contractor)

Date: 7-15-15

JRJ:jrsb

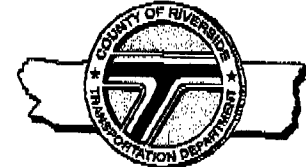
Note: Refer to Section 8, "Addenda" (page A4). Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of **only this** acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page (B1) of the Bid form (Proposal).



Juan C. Perez, P.E., T.E.
Director of Transportation and Land
Management

COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.
Assistant Director of Transportation

Transportation Department

ADDENDUM NUMBER 2

Dated July 6, 2015

to the

Specifications and Contract Documents
for the construction of

Slurry Seal Project

District 1

Project No. C4-0006

District 3

Project No. C4-0008

Bids Due: Wednesday, July 8, 2015; 2:00 p.m.

14th Street Transportation Annex

3525 14th Street, Riverside, CA 92501

(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctima.org/trans/Contractors-Corner/Notices-Inviting-Bids>

MODIFICATIONS / CLARIFICATIONS TO THE SPECIAL PROVISIONS:

Item 1: Remove Thermoplastic pavement markings and Pavement Markers.

Refer to Special Provision section entitled "Remove Thermoplastic pavement markings and Pavement Markers" on page 30. The payment Clause (**Method of Payment**) for this section is deleted and replaced with the following:

Method of Payment

The lump sum contract price paid for Remove Traffic Stripe, Pavement Markings and Pavement Markers shall include full compensation, for furnishing all labor, materials, tools, equipment, and for doing all work involved in removing painted traffic stripes, thermoplastic; stripes, crosswalks, pavement markings and pavement markers, and no additional compensation will be allowed therefor.

Prepared by:

Michael O Mueiting, PE: Project Manager

Date

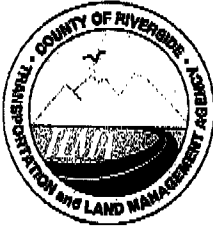
Acknowledged:

(Contractor)

Date:

JRJ:sb

3525 14TH Street · Riverside, CA 92501 · (951) 955-6800
P.O. Box 1090 · Riverside, CA 92502-1090 · FAX (951) 955-3164



Juan C. Perez, P.E., T.E.
Director of Transportation and Land
Management

COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.
Assistant Director of Transportation

Transportation Department

ADDENDUM NUMBER 3

Dated July 7, 2015

to the

Specifications and Contract Documents
for the construction of

Slurry Seal Project

District 1

Project No. C4-0006

District 3

Project No. C4-0008

Bids Due: (REVISED)
Wednesday, July 15, 2015; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street, Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, July 15, 2015; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street, Riverside, CA 92501
(951) 955-6780

Prepared by:


Joel Jimenez, PE; Senior Civil Engineer, Contracts/Bidding Unit

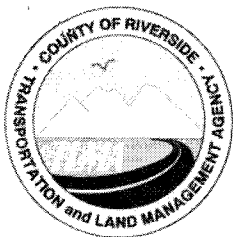
7/7/15

Acknowledged:


(Contractor)

Date: 7-15-15

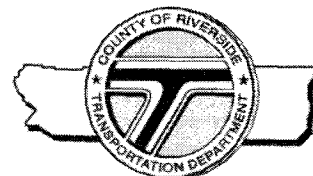
JRJ:jrj



Juan C. Perez, P.E., T.E.
Director of Transportation and Land
Management

COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.
Assistant Director of Transportation

Transportation Department

ADDENDUM NUMBER 4

Dated July 9, 2015

to the
**Specifications and Contract Documents
for the construction of**

Slurry Seal Project

District 1

Project No. C4-0006

District 3

Project No. C4-0008

Bids Due:

**Wednesday, July 15, 2015; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780**

This Addendum is issued pursuant to Section 8 of Instructions to Bidders of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the plans and specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Bid. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted Bid.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: Bid Proposal

Refer to Bid Proposal Page B2-2, bid item 15 "Asphaltic Emulsion (Fog Seal Coat)".
Following correction has made to the description of the bid item 15.

- Bidders are instructed to strikethrough the word "FOG", in the description of bid item 15 as shown below:

Item 15, ASPHALTIC EMULSION (FOG SEAL COAT).

In the event that a bidding contractor fails to correct the proposal as directed by this addendum, the acknowledgement of the addendum by the bidding contractor will be

considered as compliance to the requirement of the addendum and County will update their bid proposal accordingly.

Item 2: Remove Thermoplastic pavement markings and Pavement Markers.

Refer to Special Provision section entitled "Remove Thermoplastic pavement markings and Pavement Markers" on page 30. Following additional provision is added to this section and made part thereof.

Contractor shall remove all kind of traffic stripes and removal of painted traffic stripes shall be considered as included in the lump sum bid price paid for Remove Traffic Stripe, Pavement Markings, and Pavement Markers. No additional compensation will be allowed.

Item 3: Chip Seal

Following Special Provisions added and made part hereof:

CHIP SEAL

The chip seal coat shall conform to Sections 37-1, "Seal Coats", and 94, "Asphaltic Emulsions" of the State of California Standard Specifications and these Special Provisions.

The work shall consist of a uniform application of asphaltic emulsion followed by a uniform coverage of screenings on existing pavement surfaces. The chip seal coat application will be followed by an application of slurry seal coat Type I or Type II, as shown on the plans, to provide a chip seal coat of the pavement surfaces.

Materials:

Asphaltic Emulsion

Asphaltic emulsion shall conform to Section 94, "Asphaltic Emulsions" of the Standard Specifications and these Special Provisions.

The asphaltic emulsion used for chip seal coating shall be a cationic polymer modified asphalt emulsion grade PMCRS-2h and shall conform to the provisions in Section 94, Table 3, "Requirements for Polymer Modified Asphaltic Emulsion".

The polymer in the emulsion shall be, at the option of the Contractor, either Neoprene, SBR, EVA or SBS. Solid polymers such as EVA or SBS shall be adequately blended into the asphalt prior to emulsification. If a liquid latex such as Neoprene, SBR or similar is used, the latex shall be "co-milled" into the emulsion through the water phase during manufacturing. Each load of polymer asphaltic emulsion shall have a certificate from the asphalt emulsion manufacturer guaranteeing that either the asphalt blending or "co-milling" processes were used. The certificate shall also state the percentage of the solid rubber polymer added to the asphaltic emulsion by weight of the asphalt, as well as the composition of the polymer. The addition of latex to the emulsion after emulsion manufacturing is prohibited.

Screenings:

Screenings shall conform to Section 37-1.02, "Materials" of the Standard Specifications and shall be:

Seal Coat Type	Size of Screenings
Medium Grade	3/8" x No.6

The application rate of screenings shall be:

Seal Coat Type	Spread Rate lbs/SQYD
Medium Grade	20 to 30

The exact rate will be determined by the Engineer.

Equipment:

The equipment used by the Contractor shall include the following:

A self-propelled power broom capable of cleaning the existing pavement and removing excess screenings without dislodging screenings set in the asphaltic emulsion. A gutter broom or steel tined broom shall not be used.

Rollers shall be pneumatic - tired type. A minimum of three pneumatic - tired rollers conforming to Section 39-5.02, "Compacting Equipment" of the Standard Specifications shall be furnished and operating at all times. Rollers shall not exceed speeds of 10 mph during initial and secondary rolling.

The screenings spreader shall be a variable width, computer controlled, self-propelled screenings spreader. Hopper width shall vary from 10 to 16 feet in width, in 6 inches increments minimum.

Vehicles hauling screening shall be equipped with a permanent hitch that will fit the pulling device on the screenings spreader.

Asphalt distributor truck shall be equipped with computerized rate control for applying polymer modified asphaltic emulsion at a uniform rate as directed by the Engineer.

Asphalt distributor truck shall be equipped with its proper measuring stick and calibration card. On-site calibration of asphalt distributor truck, for determining actual spread rate of polymer modified asphaltic emulsion shall be determined by the Engineer.

Maintaining Traffic:

In addition to the traffic control requirements set forth elsewhere in these Special Provisions, traffic control for seal coat operations shall conform to the provisions of Section 37-1.03, "Maintaining Traffic" of the Standard Specifications.

Application:

Chip seal coat shall be placed only when the atmospheric temperature is between 60⁰ F. and 100⁰ F. unless otherwise approved by the Engineer.

The pavement shall be prepared in accordance with Section 37-1.04, "Preparation for Seal Coat" of the Standard Specifications.

Utility covers, manholes, survey monuments, survey markers, and other permanent facilities shall be protected from coverage by the seal coat, and referenced for prompt location and cleaning following seal coat operations. Contractor shall be responsible for protecting, covering, locating, removing protective covers and cleaning the above items.

The application rate of the asphaltic emulsion shall be between:

Seal Coat Type	Application Rate gallons/SQYD
Medium Grade	0.30 and 0.40

The exact rate will be determined by the Engineer.

Immediately following the application of the asphaltic emulsion, the asphaltic emulsion shall be covered with screenings. The chip spreader shall be operated within 75 feet of the distributor truck. The rate of application of the screenings shall be between 20 and 30 pounds per square yard and shall be determined by the Engineer.

Initial rolling shall consist of a one complete coverage with pneumatic tired rollers, and shall begin immediately behind the chip spreader. The initial rolling shall be within 100 feet of the spreader.

The amount of pneumatic tired rolling shall be sufficient to adequately seat the screenings and in no case shall be less than 3 complete coverages as defined in Section 39-6.03, "Compacting" of the Standard Specifications. The rolling shall be patterned so that coverages are approximately equal throughout the project.

Traffic shall not be allowed on the seal coat until the loose screenings have been removed and not before at least two hours after rolling. The traffic shall be controlled by pilot car at a speed not to exceed 15 miles per hour for a period of 2 additional hours when directed by the Engineer.

In lieu of the provisions of paragraph 8 of Section 37-1.07, "Finishing" of the Standard Specifications, the following shall apply:

A light brooming shall be performed to remove loose screenings before traffic is permitted on the seal coat, at the end of each day's work and as a first order of work on the morning following application of the screenings.

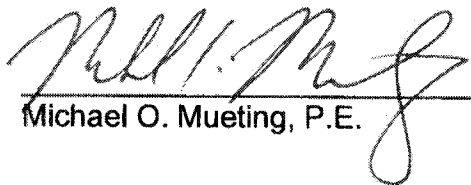
The exact time of brooming will be determined by the Engineer. The surface of the seal coat and adjacent pavement shall be swept or broomed two times a day or as often as necessary between the first and fourth days after applying the screenings to maintain the entire paved roadbed free of loose screenings. At the end of each of the fourth days after applying the screenings, any excess screenings shall be removed in such a manner that the screenings set in the binder will not be displaced.

Measurement and Payment:

Payment for Chip Seal Coat shall be considered as included in the contract unit price paid per square yard for 'Screenings (medium)' and shall be considered as full compensation for furnishing all labor, materials, tools, equipment and incidentals for placing asphaltic emulsion, cover aggregate screenings, rolling, sweeping and performing necessary cleanups as specified in these Special Provisions and as directed by the Engineer.

Slurry Seal Type I or Type II coat installed over Chip Seal process shall conform to the "Slurry Seal" section of these Special Provisions and its payment shall be considered as included in the contract unit price paid per Ton for Slurry Seal Type I or Slurry Seal Type II.

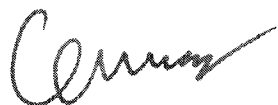
This addendum has been prepared under the direction of the following registered Civil Engineer(s):

 7-9-15

Michael O. Mueting, P.E.



Concurrence:

 7/9/15

Khalid Nasim, P.E.
Engineering Division Manager

Acknowledged:  Date: 7-15-15

(Contractor)

JRJ:jrj:sb

Note: Refer to Section 8, "Addenda" (page A4). Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of **only this** acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page (B1) of the Bid form (Proposal).

Bid Bond

Recitals:

1. Pavement Coatings Co. "Contractor", has submitted his/her Contractor's Proposal to County of Riverside, "County", for the construction of public work for Slurry Seal Project for District 1, Project No. C4-0006, and District 3, Project No. C4-0008 in accordance with a Notice Inviting Bids from the County.
2. The Ohio Casualty Insurance Company a New Hampshire corporation, hereafter called "Surety", is the surety of this bond.

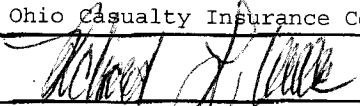
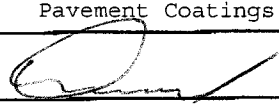
Agreement:

We, Contractor as Principal and Surety as Surety, jointly and severally agree and state as follows:

1. The amount of the obligation of this bond is 10% of the amount of the Contractor's Proposal, including bid alternates, and inures to the benefit of County.
2. This Bond is exonerated by (1) County rejecting said Proposal or, in the alternate, (2) if said Proposal is accepted, Contractor executes the Contract and furnishes the Bonds as agreed to in its Proposal, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to act as agreed to in its Proposal. Some types of possible loss, damage and expense are specified in the Contractor's Proposal.
3. Surety, for value received, stipulates and agrees that its obligations hereunder shall in no way be impaired or affected by any extension of time within which County may accept the Proposal and waives notice of any such extension.
4. This Bond is binding on our heirs, executors, administrators, successors and assigns.

Dated: June 26th, 2015

Signatures:

<u>The Ohio Casualty Insurance Co.</u>	<u>Pavement Coatings Co.</u>
By: <u></u>	By: <u></u>
Richard L. Wells (Attorney-In-Fact)	
Title: <u>Attorney in Fact</u>	Title: <u>Doug Ford, President</u>
<u>"Surety"</u>	<u>"Contractor"</u>

STATE OF California
COUNTY Orange) ss. SURETY'S ACKNOWLEDGEMENT
OF _____

On June 26th, 2015 before me, Richard L. Wells
personally appeared, Richard L. Wells known to me, or proved to me on the basis of
satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged
to me that he/she executed the same in his/her authorized capacities, and that by his/her signature on the
instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Notary Public (Seal)

Note: This Bond must be executed by both Contractor and Surety with corporate seal affixed. All signatures must be notarized. (Attach acknowledgements).

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

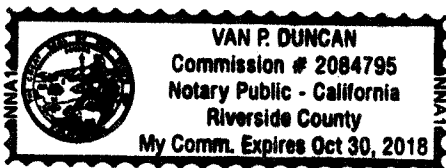
State of California)

County of RIVERSIDE)On JULY 15, 2015 before me, VAN P. DUNCAN, NOTARY PUBLIC,
Date Here Insert Name and Title of the Officerpersonally appeared DOUG FORD
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Van P. Duncan
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached DocumentTitle or Type of Document: BID BOND Document Date: 6-26-15
Number of Pages: 1 Signer(s) Other Than Named Above: _____**Capacity(ies) Claimed by Signer(s)**

Signer's Name: _____

☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

Signer's Name: _____

☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 6944875

American Fire and Casualty Company
The Ohio Casualty Insurance Company

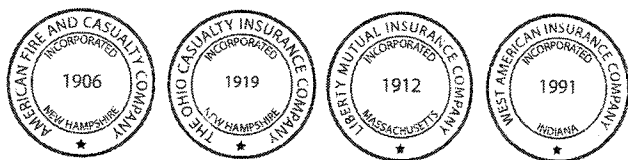
Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Frank Morones; Lynn A. Beimer; Richard L. Wells

all of the city of BREA, state of CA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 13th day of April, 2015.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 13th day of April, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS - Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

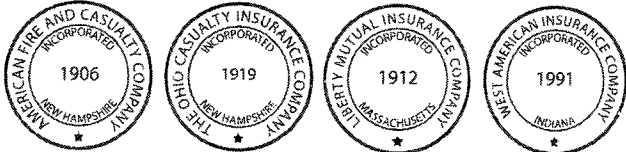
ARTICLE XIII - Execution of Contracts - SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 26th day of June, 2015.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

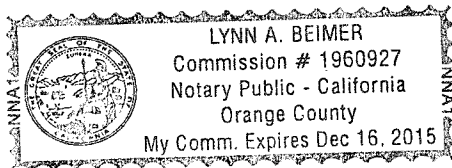
State of California)
County of Orange)

On June 26, 2015 before me, Lynn A. Beimer, Notary Public,
Date Here Insert Name and Title of the Officer
personally appeared Richard L. Wells
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Lynn A. Beimer
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

Signer's Name: _____

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____



Company Profile

Company Search

Company Search
ResultsCompany
InformationOld Company
Names

Agent for Service

Reference
Information

NAIC Group List

Lines of Business

Workers'

Compensation

Complaint and

Request for

Action/Appeals

Contact Information

Financial Statements
PDF's

Annual Statements

Quarterly
Statements

Company Complaint

Company
Performance &
Comparison DataCompany
Enforcement ActionComposite
Complaints Studies

Additional Info

Find A Company
Representative In
Your AreaView Financial
Disclaimer

COMPANY PROFILE

Company Information

OHIO CASUALTY INSURANCE COMPANY (THE)

175 BERKELEY STREET
BOSTON, MA 02116

Old Company Names

Effective Date

Agent For Service

KARISSA LOWRY
C/O CORPORATION SERVICE COMPANY
2710 GATEWAY OAKS DRIVE, SUITE 150N
SACRAMENTO CA 95833

Reference Information

NAIC #:	24074
California Company ID #:	5133-4
Date Authorized in California:	11/17/2008
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	NEW HAMPSHIRE

[back to top](#)

NAIC Group List

NAIC Group #: 0111 LIBERTY MUT GRP

Lines Of Business

The company is authorized to transact business within these lines of insurance.
For an explanation of any of these terms, please refer to the glossary.

AUTOMOBILE
BOILER AND MACHINERY
BURGLARY
COMMON CARRIER LIABILITY
CREDIT
FIRE
LIABILITY
MARINE
MISCELLANEOUS
PLATE GLASS
SPRINKLER
✓ SURETY
WORKERS' COMPENSATION

[back to top](#)

© 2008 California Department of Insurance