

State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

## Request for PRONUMBER Quotation

SH-P

669C0005

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ADDRESS CORRESPONDENCE TO ATTENTION OF

MICHAEL AUSTIN 304-558-2402

RFQ COPY TYPE NAME/ADDRESS HERE BREWPRO INC. P.O. Box 62065 Cincinnati, OH 45262

DIVISION OF HIGHWAYS VARIOUS LOCALES AS INDICATED BY ORDER

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# GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

- 1. Awards will be made in the best interest of the State of West Virginia.
- 2. The State may accept or reject in part, or in whole, any bid.
- 3. All quotations are governed by the West Virginia Code and the Legislative Rules of the Purchasing Division
- 4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
- 5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
- 6. Payment may only be made after the delivery and acceptance of goods or services.
- 7, Interest may be paid for late payment in accordance with the West Virginia Code.
- 8. Vendor preference will be granted upon written request in accordance with the West Virginia Code
- 9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes
- 10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller
- 11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
- 12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
- 13. BANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
- 14. HIPAA BUSINESS ASSOCIATE ADDENDUM: The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (http://www.state.wv.us/admin/purchase/vrc/hipaa.htm) is hereby made part of the agreement Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160 103) to the vendor.
- 15. WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT: If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

#### **INSTRUCTIONS TO BIDDERS**

- 1. Use the quotation forms provided by the Purchasing Division.
- a, SPECIFICATIONS: Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as EQUAL to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
- 3. Complete all sections of the quotation form.
- 4. Unit prices shall prevail in case of discrepancy.
- 5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
- 6. BID SUBMISSION: All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



DATE PRINTED

State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

TERMS OF SALE

## Request for Quotation

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MICHAEL AUSTIN 304-558-2402

REQ NUMBER

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RO. Box 62065
Cincinna h, OH 45262

DIVISION OF HIGHWAYS
VARIOUS LOCALES AS INDICATED
BY ORDER

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State of West Virginia
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2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

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MICHAEL AUSTIN 304-558-2402

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BREWPRS INC.
P.O. BOX 62065

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DIVISION OF HIGHWAYS
VARIOUS LOCALES AS INDICATED
BY ORDER

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Purchasing Division
2019 Washington Street East
Post Office Box 50130 Charleston, WV 25305-0130

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MICHAEL AUSTIN

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304-558-2402

RFQ COPY TYPE NAME/ADDRESS HERE BRBWPA INC. P.S. Box 62065 Cincinnation 45262

DIVISION OF HIGHWAYS VARIOUS LOCALES AS INDICATED BY ORDER

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2019 Washington Street East
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Charleston, WV 25305-0130

TERMS OF SALE

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SHIP VIA

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PAGE 6

FREIGHT TERMS

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MICHAEL AUSTIN 304-558-2402

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BREWARD INC.

C.O. Box 62065

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DIVISION OF HIGHWAYS
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State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

## Request for Quotation

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REG NUMBER 669C0005

MICHAEL AUSTIN <u> 304-558-2402</u>

BY ORDER

DIVISION OF HIGHWAYS VARIOUS LOCALES AS INDICATED

RFQ COPY TYPE NAME/ADDRESS HERE BREWIND INC. P.O. BOX 62065 Cincinnati, OH 45262

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### 1. SPECIFICATIONS

The following sections of the West Virginia Department of Transportation, Division of Highways Standard Specifications, Roads and Bridges, adopted 2000, as modified by the current Supplemental Specifications at time of bid opening shall apply to the administration of this contract: Sections 101, 102.4, 102.5, 105.1, 105.3, 105.4, 105.10, 105.11, 105.12, 105.13, 106.3, 106.4, 106.5, 106.6, 106.7, 106.9, 107.1, 107.2, 107.3, 107.14, 107.19, 107.20, 108.8, 109.1, 109.2 and 109.20.

The terms "Contractor and Vendor" used in the above specifications of this Contract are interchangeable. Contractor shall mean Vendor and Vendor shall mean Contractor.

West Virginia Department of Transportation, Division of Highways' Standard Specifications Roads and Bridges, adopted 2000, and the current Supplemental Specifications at time of bid opening may be obtained from:

West Virginia Division of Highways State Capitol Complex Engineering Division, Technical Section Room A-650, Building 5 Charleston, West Virginia 25305

### 2. CONCRETE PATCHING & REPAIR

# 2.1 <u>SSI SILSPEC® FLEXPATCH POLYMER PATCHING MORTAR or "Approved Equal"</u> The polymer patching mortar shall be a three-component (polymer resin, curing

agent, engineered blend of graded aggregates), 100 percent solids, high-strength, non-shrink, water-proof, abrasion resistant, non-conductive, semi-flexible patching material that adheres to concrete and steel, and requires no external application of heat for curing. The polymer patching mortar shall cure sufficiently to accept traffic within four (4) hours at a substrate temperature of 70° F. Minimum substrate temperature shall be 40° F. Shelf life of unopened material shall be one (1) year when stored between 50° F and 90° F. Polymer patching mortar shall meet the following physical requirements:

Compressive Strength: 1500 PSI min @ 4 hrs ASTM C 579 Method B

2400 PSI min @ 24 hrs ASTM C 579 Method B

Bond Shear Strength: 650 PSI min ASTM C 882 Linear Shrinkage 0.00 % ASTM C 531

Abrasion Resistance: 1.0 max ASTM C 501, Taber H22

Chloride Ion Perm: 1.0 max Coulombs AASHTO T-277
Resilience: 70 % min OK/OHD L6
Thermal Compatibility: Pass ASTM C 884

# 2.2 <u>WINTER GRADE SSI SILSPEC® FLEXPATCH POLYMER PATCHING MORTAR or</u> "Approved Equal"

Winter grade polymer patching mortar shall have the same physical properties as 1.1 above except for substrate temperature. Winter grade polymer patching mortar shall have a substrate temperature range between 10° F and 40° F. The polymer patching mortar shall cure sufficiently to accept traffic within four (4) hours at a substrate temperature of 20° F.

# 2.3 <u>IMCO TECHNOLOGIES INC., MG-KRETE REGULAR AND FINE or "Approved Equal".</u>

MG-Krete is a two component (Part A and B) high early strength structural repair material. Material can be used for all types of concrete repairs from patching deep holes to shallow feathering, poured in forms, trowel vertically and overhead. Material does not shrink on cure, self-priming and will bond to most construction materials (concrete, wood, steel, asphalt, etc.), cures rapidly with return to service in @ 30 min, is non-toxic and cleans up with water. MG-Krete has the following physical properties:

Water Absorption: waterproof

**Compression Strength:** 

45 Min 2,610 psi 24 hrs 5,148 psi 7 days 5,815 psi 28 days 11,194 psi

Temp. Limits: 14° F (w/accelerator) to 100° F (w/retarder)

Initial Set Time @ 68° F 15 min.

# 2.4 IMCO TECHNOLOGIES INC., MG-KRETE WITH FLEX REGULAR or "Approved Equal".

MG-Krete FLEX is similar to item 1.3 above, and can be used in areas where material may be subject to flexure.

# 2.5 IMCO TECHNOLOGIES INC., HIGH TEMPERATURE RETARDER or "Approved Equal".

High Temperature Retarder is a powder additive that may be added to the MG-KRETE to extend working time when temperature rises above 77° F to 113° F.

# 2.6 IMCO TECHNOLOGIES INC., LOW TEMPERATURE ACCELERATOR or "Approved Equal".

Low Temperature Accelerator is a powder additive that may be added to the MG-KRETE to accelerate cure when ambient temperature drops below 50° F. The accelerator may be used to help cure in temperatures as low as 15° F.

# 2.7 <u>CERATECH INC. PAVEMEND 5.0 VERY RAPID REPAIR MORTAR or "Approved Equal".</u>

Pavemend 5.0 is a cementitious very rapid setting, self-leveling structural repair mortar. It is a single component powder that is water activated. Material can be used for horizontal concrete repairs in a wide range of temperature. Pavemend 5.0 has the following physical properties:

Compression Strength:

1 hour 3,330 psi 24 hrs 5,060 psi 7 days 6,030 psi 28 days 6,100 psi

Temp. Limits: 0° F to 100°

Initial Set Time @ 72° F 2-4 min.

2.8 CERATECH INC. PAVEMEND 15.0 RAPID REPAIR MORTAR or "Approved Equal". Pavemend 15.0 is a cementitious rapid setting, self-leveling structural repair mortar. It is a single component powder that is water activated. Material can be used for horizontal concrete repairs in a wide range of temperature. Pavemend 15.0 has the following physical properties:

## Compression Strength:

2 hour 2.700 psi 3,870 psi 3 hour 4.230 psi 24 hrs 5,570 psi 7 days 6,300 psi 28 days

Temp. Limits: 30° F to 110° Initial Set Time @ 72° F 7-9 min.

2.9 CERATECH INC. PAVEMEND VR REPAIR MORTAR or "Approved Equal".

Pavemend VR is a cementitious rapid setting, one step structural repair mortar with parging mortar consistency. It is a single component powder that is water activated. Material can be used for vertical and overhead concrete repairs in a wide range of temperature. Pavemend VR has 25-30 min of working time plus an additional 10 to 15 minutes to shape and shave the repair to match existing contours. Material can be applied in a single lift from 1/16" to over 4" without bonding agents. Pavemend VR has the following physical properties:

## Compression Strength:

3 hour 2,753 psi 24 hrs 4,298 psi 7 davs 5,539 psi 8,960 psi 28 days

**Bond Strength:** 

24 hrs 2,067 psi Temp. Limits: 40° F to 100°

Initial Set Time @ 72° F 15-20 min.

#### CONCRETE SEALING AND WATERPROOFING 3.

3.1 SSI DECKSEAL POLYMER DECK SEALANT or "Approved Equal"

DECKSEAL is a two component polymer based sealing material designed for crack and surface sealing. Mix ratio is 1 part A to 1 part B. Typical coverage of 90 to 150 sq. ft./gal depending on porosity and surface profile of substrate. DECKSEAL contains U42 Fluorescent Tracer Dye, which illuminates under black light. This provides evidence of penetration. DECKSEAL has the following physical properties:

Chloride Ion Penetration: 0 % @ 90 Days Ponding **AASHTO T-259** ASTM C 882 2,220 PSI 14 Days **Bond Strength: ASTM C 881** <50 cps Brookfield Viscosity: ASTM C 570 0.74 %max 24 hrs. Water Absorption: **ASTM D 638** 3.000 Tensile Strength: **ASTM D 638** 

4 % min Elongation @ Break: <250a/L V.O.C.:

1 Year Unopened Shelf Life:

### 3.2 SSI RE-DECK SKID-RESISTANT OVERLAY or "Approved Equal"

SSI RE-DECK is a solvent-free, moisture insensitive, 100% solids, low modulus, two component urethane-epoxy bonding agent. Mix ratio is 1:1. When broadcast with select aggregate forms a skid-resistant overlay. Typical coverage of 40 sq. ft./gal first course with 10 lbs/sq. yd. aggregate and 20 sq. ft./gal second course with 14 lbs/sq. yd. aggregate. RE-DECK has the following physical properties:

Compressive Modulus:	65,000 PSI	ASTM D 695
Tensile Strength	2,500 PSI	ASTM D 638
Tensile Elongation	50%	ASTM D 638
Bond Strength:	3,000 PSI 14 day cure	ASTM C 882
Linear Shrinkage	Negligile	ASTM C 883
Absorption:	0.20 %	ASTM D 570
Chloride ion Perm:	0.9 Coulombs	AASHTO T-277
Shore D Hardness:	70	<b>ASTM D 2240</b>
Thermal Compatibility:	Pass	ASTM C 884
Brookfield Viscosity:	1,500 cps RV3 @ 20 rpm	ASTM C 881

## 3.3 KANSAS BLEND FLINT FOR RE-DECK OVERLAY or "Approved Equal

Flint aggregate for use with SSI RE-DECK shall be clean dry flint, free of dust or contaminates that would interfere with the bonding to the SSI RE-DECK material. Flint material shall be angular in shape and have the following gradation:

Sieve	% Passing
#4	100
#8	30-40
#16	0-5
#30	0-1

# 3.4 IMCO TECHNOLOGIES INC., D-TECH 470 SEALER or "Approved Equal".

D-TECH is a ready to use, clear, water-based penetrating sealer for application to the surface of concrete, above or below grade. D-TECH penetrates deeply into the capillary pores of the concrete and crystallizes, becoming part of the concrete itself. Sealer can be brushed, rolled or spayed on concrete for sealing, hardening, dust proofing, waterproofing and weatherproofing. D-TECH has the following characteristics:

- Increases concrete density and hardness
- Prevents chemical corrosion and physical abrasion of treated surface
- Effective in reducing freeze-thaw spalling
- Treatment is permanent and does not require subsequent re-application
- Effective negative side waterproofing of hydrostatic head over 115 ft.
- · Reduces or eliminates efflorescence and leaching in concrete
- Effective barrier of water-vapor emission (without loss of breathability)
- Solvent-free, odor-free. Non-toxic, and non-flammable
- Improves bonding of cementitious toppings
- Ultra-violet stability
- Does not change the appearance of the concrete
- Can be applied to green concrete and old concrete
- Two light coats 300-400 sq. ft./gal depending on porosity and surface profile of substrate

3.5 IMCO TECHNOLOGIES INC., D-TECH 470C SEALER or "Approved Equal". D-TECH 470C is a concentrated version of D-TECH 470 that is mixed with water at a 4:1 ratio. The concentrate has the same properties as the D-TECH 470 above.

3.6 AQUAFIN INC., AQUAFIN-IC ADMIX or "Approved Equal".

AQUAFIN-IC ADMIX is a liquid water-proofing additive for concrete, consisting of a water based suspension of inorganic water-proofing agents. AQUAFIN-IC ADMIX can be added during the batching process or in a ready-mix truck at the iob site. During concrete hardening AQUAFIN-IC ADMIX forms millions of fine crystalline fibers inside the capillary pores blocking the flow of water thus making the concrete permanently water-tight and increasing compressive strength by 25%. AQUAFIN-IC ADMIX has the following characteristics:

- Liquid for easier homogenous mixing and no clumping
- Resists extreme head pressure 460 ft or 200 psi
- Seals hairline cracks up to 1/64"
- Integral part of the concrete
- Allows concrete to breathe
- Max. water/cement ratio 0.55 before adding AQUAFIN-IC ADMIX
- Negligible effect on water reducers, plasticizers, slump, air entrainment
- 0 VOC & Non toxic
- Non-chloride, non-corrosive to steel
- Working temperature >40° F
- PH 10-12

#### **ASPHALT REPAIR & PATCHING** 4.

Alternate: OPR High Performance Patch \* Specifications 4.1 PERMA-PATCH INC., PERMA-PATCH ASPHALT REPAIR or "Approved Equal". Perma-Patch has a unique formulation of special polymers, pressure sensitive plastics and blend of angular limestone designed to achieve optimum performance all year long in any weather condition with one product. permanently repairs any holes in asphalt or concrete, in all types of weather even wet, freezing or extreme heat conditions. Formulation is premixed and ready to

Asphalt Content:

5.2%

**ASTM D2172-92** 

Shelf Life:

2 Year min.

Coverage:

10 lbs/sf. @ 1" lift, 1.4 tons/cy

use, no primer required. Perma-Patch has the following physical properties:

Temperature:

-15° F to 100° F

Cure:

**Dynamic Pressure** 

Aggregate:

1/2 inch max. angular limestone

VOC:

0.1% volume by weight

#### JOINT SEALANT 5.

5.1 DOW CORNING® 888 SILICONE JOINT SEALANT or "Approved Equal".

DOW CORNING® 888 silicone joint sealant is a one-part, cold applied silicone that cures to a durable flexible, low-modulus silicone rubber joint sealant for new and remedial joint sealing applications in Portland cement concrete. DOW CORNING® 888 has the following physical properties:

Color:

Grav

**Specific Gravity:** Skin-Over Time:

1.450-1.515 10 min. @ 77° F

Tack-Free Time: **Cure Time:** 

60 min. @ 77° F 7-24 days @ 77° F

Full Adhesion:

14-21 days

After 7 day cure @ 77° F & 50% RH **Elongation Minimum:** 

1200%

Modulus @ 150%

Elongation Maximum: 43 psi

**Durometer Hardness** 

Shore A:

15-25 points

Joint Movement Capability

+100/-50%, 10 Cycles: No Failure

**Adhesion to Concrete** 

Minimum Elongation:

+500%

# 5.2 DOW CORNING® 890-SL SILICONE JOINT SEALANT or "Approved Equal".

DOW CORNING® 890-SL Self-Leveling Silicone Joint Sealant is a one-part, cold applied, self-leveling silicone material that cures to an ultra-low-modulus silicone rubber upon exposure to atmospheric moisture. Sealant can be used for new and remedial joint sealing applications in Portland cement concrete and asphalt. DOW CORNING® 890-SL has the following physical properties:

Color:

Dark Gray

Flow, Sag, Slump: Self-Leveling

96% min

Percent Solids:

1.26-1.34

Specific Gravity: Skin-Over Time:

Cure Time:

60 min. @ 77° F

**Full Adhesion:** 

14 days @ 77° F

After 21 day cure @ 77° F & 50% RH

14-21 days

**Elongation Minimum:** 

1400%

Modulus @ 50%

Elongation Maximum: 7 psi

Modulus @ 100%

Elongation Maximum: 8 psi

**Modulus @ 150%** 

Elongation Maximum: 9 psi **Durometer Hardness** 

Shore A:

15-25 points

Joint Movement Capability +100/-50%, 10 Cycles:

No Failure

**Adhesion to Concrete** 

Minimum Elongation:

+600%

Adhesion to Asphalt

Minimum Elongation:

+600%

### 6. CONTRACT REQUIREMENTS

The purpose of this contract is to establish unit prices for Items 1 thru 17, which are to be used as the basis for requisition of materials for the repair and maintenance of silicone, asphalt, and concrete. All components bid as equal, must prove they are equal, through supporting research and analysis of composition to the satisfaction of the West Virginia Department of Transportation, Division of Highways. At the discretion of the West Virginia Department of Transportation, Division of Highways, Items bid as equal may be required to undergo a performance evaluation, under field conditions, to assure performance before being accepted as equal.

Bid price for Items 1 thru 17 shall be "F.O.B." Division of Highways storage sites as indicated on the Approved State Contract Purchase Order (SCO). Refer to bid schedule for a listing of the Division of Highways storage sites.

Vendor may bid any or all items on the bid schedule. However, the amount bid on any one item may be conditioned on the acceptance of the bid on any other item.

Any qualification of bids or modification of the specification or conditions governing the bid may be cause to reject bids.

Any vendor bidding on items in this contract shall supply technical support and on site instructional training in the proper use and application of their products. The vendor shall also provide on site evaluation of all products bid in the event of product failure or performance problems to ascertain the cause and recommend remedial action. The vendor shall provide this support to all Districts and Maintenance Division when requested, in a timely manner (within three working days) from time of request.

### 7. CONTRACT AWARD

Contract shall be awarded on any individual item basis.

In the event a Vendor fails to conform to the requirements of this contract document or the governing specifications the contract may be canceled and re-awarded to the next lowest bidder.

### 8. DELIVERY

Upon receipt of a State Contract Order (SCO) the requested item(s) shall be delivered or available for Division of Highways pick-up within fifteen (15) calendar days.

## 9. VENDOR'S INVOICE

Vendor's invoice must be submitted in original and one (1) copy and contain the following:

- a. Division of Highways' State Contract Order (SCO) Number and this contract number.
- b. Total quantity and unit price with the extended total cost of each item purchased.

Under no circumstances will the West Virginia Division of Highways accept, or pay for quantities in excess of the quantities stated on the State Contract Order.

# 10. BID SCHEDULE

Division of Highways Storage Sites Districts 1-10 & Maintenance Div.

# ITEM/UNIT PRICE

	•	Al Ain	A 1	0 8
1.	SSI Flexpatch Polymer Patching or "Approved Equal"	<i>No. B.(1)</i> per t	Unit <u>No</u>	per 30 Unit Lot
2.	SSI Winter Grade Flexpatch Polymer Patching or "Approved Equal"	per	Jnit	per 30 Unit Lot
3,	SSI Deckseal Polymer Deck Sealant or "Approved Equat"	per	2 gal	per 10 gal
4.	SSI RE-DECK Skid Resistant Overlay or "Approved Equal"	per 2	2 gai	per 12 Lot-10 gal ea
5.	IMCO® MG-KRETE™ Regular & Fine or "Approved Equal"	per l	Kit	per 36 Kit Lot
6.	IMCO® MG-KRETE™ Part B Liquid	per(	gal	
7.	IMCO® MG-KRETE™ Flex Regular or "Approved Equal"	per l	Kit	per 36 Kit Lot
8.	iMCO® High Temp. Retarder Regular or "Approved Equal"	per (	gal	per 5 gal
9.	IMCO® Low Temp. Accelerator Regular or "Approved Equal"	per	gal	per 5 gal
10.	IMCO® D-Tech 470 Sealer or "Approved Equal"	No BID per	5 gal	per 12 Lot-5 gal ea
11.	IMCO® D-Tech 470C Sealer or "Approved Equal"	1		<u>より</u> per 12 Lot-5 gal ea
12.	Perma-Patch or "Approved Equal"	# 10.68 per 50 Alterna	1-60 lb bag Lot 94 te: OPR PA	119. 76 per Truck (16 Lots) teh en: Truckloss 882 BAGS
		s 1 cubic foot 50lb (45lb Fine) pa	uil Part A, 1 gal Part	en: TRUCKIOAD 882 BAGS (14 pallets) . Specifications Attacked
				NOTE: Attachment A'

10.	BID SCHEDULE (Continued)			
	<b>Division of Highways Storage Sites</b>			
	Districts 1-10 & Maintenance Div.			

### **ITEM/UNIT PRICE**

13.	CERATECH	Pavemend 5.0
	Very Rapid	Repair Mortar
	or "Approve	ed Equal"

<u>No BID</u> per 5 gal

No AID per 36 Lot-5 gal ea

14. CERATECH Pavemend 15.0 Rapid Repair Mortar or "Approved Equal" per 5 gal

per 36 Lot-5 gal ea

per 36 Lot-5 gal ea

15. CERATECH Pavemend VR Repair Mortar or "Approved Equal"

per 6 gal

\_\_per 12 Lot-6 gal ea

16. AQUAFIN, INC. Aquafin-IC Admix or "Approved Equal"

per 80 lb bag

per 36 bag Lot

17. Kansas Blend FLINT for SSI RE-DECK or "Approved Equal"

per box (6-29 fl oz disposable cartridges)

18. DOW CORNING® 888 Silicone Joint Sealant or "Approved Equal"

per box (6-29 fl oz disposable cartridges)

19. DOW CORNING® 890 Silicone Joint Sealant or "Approved Equal"

# **Division of Highways Storage Sites**

District One 1334 Smith Street Charleston, WV 25301

District Two P.O. Box 880 Huntington, WV 25712

District Three 624 Depot Street Parkersburg, WV 26101

District Four P. O. Box 4220 Clarksburg, WV 26302-4220

District Five P.O. Box 99 (US Route 50) Burlington, WV 26710

District Six 1 DOT Drive Moundsville, WV 26041

District Seven P.O. Box 1228 Weston, WV 26452

District Eight US Route 219 North P.O. Box 1516 Elkins, WV 26241

District Nine 103 1/2 Church Street Lewisburg, WV 24901

District Ten 270 Hardwood Lane Princeton, WV 24740

Maintenance Division I-79 Exit 57 Coon Knob, WV 26601 Rev 09/08

# State of West Virginia

RFQ NO.

66900005

# **VENDOR PREFERENCE CERTIFICATE**

Certification and application\* is hereby made for Preference in accordance with West Virginia Code, §5A-3-37 (Does not apply to construction contracts) West Virginia Code, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the West Virginia Code. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable

1.	Application is made for 2.5% resident vendor preference for the reason checked:  Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preced-
***************************************	ing the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
	Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2.	Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3.	Application is made for 2.5% resident vendor preference for the reason checked:  Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4.	Application is made for 5% resident vendor preference for the reason checked:  Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5.	Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6.	Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:  Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
require against or dedu	understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the ments for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency cted from any unpaid balance on the contract or purchase order.
authorize the required	mission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and ses the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid Lired business taxes, provided that such information does not contain the amounts of taxes paid nor any other information by the Tax Commissioner to be confidential.
and ac	penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifles that this certificate is true curate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate as during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.
Bidder	Signed:
Date:	Title:

<sup>\*</sup>Check any combination of preference consideration(s) indicated above, which you are entitled to receive

REO No	669C0005

# STATE OF WEST VIRGINIA Purchasing Division

# **PURCHASING AFFIDAVIT**

### **VENDOR OWING A DEBT TO THE STATE:**

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

# PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

#### **ANTITRUST:**

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

#### LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

#### CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and is in compliance with the requirements as stated.

Vendor's Name:	BREWPRO	INC.			
Authorized Signature: _	705	Seg	Date:	10.10.08	
Purchasing Affidavit (Revised)	07/01/08)	•			



# **ATTACHMENT A**

RFQ 669C0005 Bid Schedule

Regarding Item # 12 Perma-Patch or "Approved Equal"

- 1) BREWPRO Inc. alternate: QPR High Performance Patch. Specifications attached.
- 2) Pricing based on Truckload orders delivered to one destination.
- 3) Truckload equals 882 Bags, 14 Pallets.
- 4) Minimum order: One truckload
- 5) Local Government Bodies may purchase off this bid providing they purchase full truckload quantities delivered to one destination.



# The 'year-round' High Performance, Permanent pavement repair

Available in easy to store bags, that are guaranteed in *your* stockpile for <u>one full year</u>

- Open to traffic immediately no raveling or rutting
- No heating, mixing, or tacking required
- PERMANENT, no milling or patch release ever
- QPR remains pliable from -5f to +105f
- QPR adheres to concrete, steel and asphalt in wet and bitter cold, snow, or summer heat











1-800-776-5830



# High Performance Permanent Pavement Repair Material MATERIAL SPECIFICATION

### DESCRIPTION

This material shall be a plant or pug mill mixed high performance pavement patching material capable of storage in an uncovered outdoor stockpile for a minimum of 12 months. It shall be composed of laboratory approved mineral aggregates and modified bituminous QPR® Liquid Blend capable of coating wet aggregates (up to 4% moisture) without stripping and have stripping resistance of retained coating of not less than 95%. The permanent asphalt repair shall be uniform, remain flexible and cohesive to -15° F. and be capable of retaining adhesive qualities in wet applications. The patching materials shall be able to repair asphalt, concrete, surface treated roads and shall not require removal and replacement if ever the pavement is overlaid.

### **ENVIRONMENTAL IMPACT**

The modified bituminous asphalt repair must have an independent test conducted by a certified laboratory as to toxicology results in a Static Acute Bio Assay Procedures for Hazardous Materials which determines effect of run-off into waterways, lakes, ponds and ground water. Furthermore, results of analysis for the toxicity should indicate a 0% mortality rate of Daphnia magna at 100% effluent concentration. Further, the repair material must be classified as non-hazardous, and biologically non-toxic. Laboratory results must be available for review.

### MATERIALS

#### A) Aggregate

The aggregate shall consist of 100% crushed stone or a laboratory approved equivalent under ASTM C-136. All aggregate is to be from approved sources, and representative samples of both fine and coarse aggregate shall be from the plant site and laboratory tested. Sampling and testing methods shall be in accordance with accepted local practice.

Gradation analysis to comply with all local requirements. Recommended gradation analysis is as follows:

SCREEN SIZES	PERCENTAGE PASSING
3/8"	100
<b>#4</b>	20 - 85
#8	2 - 40
#16	. 0 - 10
#50	0 - 6
#200	0 - 2

All aggregate percentages are based on the total weight of aggregate.

ASTM	C-88	Soundness Loss	12.0% Max.
ASTM	C-131	Los Angeles Abrasion	40.0% Max.
ASTM	C-117	-200 Sieve (by wash)	2.0% Max.
ASTM	C-127, 128	Absorption	1.0 - 2.0% Max.
ASTM	C-127, 128	Specific Gravity	2.55 - 2.75% Max
ASTM	C-123	Soft Aggregates	3.0% Max.

### Aggregate Acceptance

Aggregate compatibility approval must be obtained from the QPR quality control facility in Charleston, South Carolina prior to material mixing at any mixing plant.

### B) <u>Bituminous Material</u>

The modified bituminous liquid blend shall be QPR® which meets the following requirements:

ASTM D-1310 Flashpoint (TOC): 200° F (94° C.) minimum ASTM D-2170 Kinematic Viscosity at 60° C (140° F): 300-4000 ASTM D-95 Water: 0.2% maximum ASTM D-402 Distillate Test (Volume of original sample): To 457° F (225° C) None To 500° F (260° C) 0-5% To 600° F (315° C) 0 - 25% Residue from distillate at 680° F (360° C) 72 - 95%

### RESIDUE TESTS

ASTM	D-2171	ABS. Viscosity at 140° F (60° C):	125-425 poises
ASTM	D-5	Penetration:	200 Minimum
ASTM	D-113	Ductility at 39° F (4° C) 0.4 in. /Min:	100 Minimum
ASTM	D-2042	Solubility in Tricliloroethylene:	99% Minimum

QPR® Liquid Blend shall be shipped from authorized blending terminal locations. Liquid shall be completely blended at terminal under supervision of authorized Quality Control personnel. No additives, modifiers, or extra ingredients are to be introduced into the liquid blend at any time after shipment from terminal. A copy of bill of lading and material certification shall accompany every shipment. Liquid Blend shall be shipped in insulated tankers to maintain oil temperature during transportation.

### PLANT MIX

The cold mix shall consist of aggregates meeting material as specified in Section A) Aggregate, and the bituminous liquid blend meeting material specified in section B) Bituminous Material as indicated in the proposed job mix formula. Bituminous material shall be accepted at the supplier's source and at the plant site on the basis of a supplier material certification.

The preferred mixing ratio shall be 4.5% to 6% liquid blend finished ton (2000 lbs.) of mixed material. Continuous on-site testing will determine exact final mixing ratio which will be identified in the final job mix formula. All aggregate percentages are based on the total weight of the aggregate. The bituminous liquid blend content is based on the total weight of the mix.

The job mix formula information shall provide:

- Aggregate gradation band and aggregate type.
- Bituminous material amount and type including any additives used.
- Temperature ranges for material preparation.

### MANUFACTURING PREPARATION & OPERATION

### **Asphalt Plant Production**

The mixture is to be produced through a conventional hot asphalt plant only under the direct supervision of a qualified QPR sales representative and finished product will not exceed 180°F. The

bituminous liquid blend shall not be heated above 200°F. The final mixture must be tested in accordance with QPR on-site quality control requirements.

### Pug mill Production

The mixture can be produced through a cold manufacturing process (PUG MILL). The QPR® Bituminous Liquid Blend shall be heated between 200°F to 220°F. The OPR® Liquid Blend temperature is elevated to help with the adhesion process between the bituminous liquid and the aggregate. The finished mix will not exceed 180°F when produced through the Pug mill. The final mixture must be tested in accordance with the QPR on-site quality control requirements.

## STOCKPILE INSPECTION

Prior to production, the stockpile site is to be inspected for any contaminant such as dirt, sand or debris that may affect the quality of the QPR® High Performance Cold Patch. The stockpile area should be a hard clean surface, preferably paved with concrete, or a bituminous surface.

## SPECIFICATION SAMPLING

A one quart sample of the QPR® Liquid Blend will be retained at the asphalt depot prior to shipping. On delivery of the tank truck, an additional one-quart sample will be taken by the QPR sales representative and is to be retained by the customer/producer for a period of one year, or until the stockpile is depleted.

## **OPR® QUALITY CONTROL**

On each load, a Quality Control Report will be prepared by the QPR quality control technician. All phases of production of the plant operation and the material testing on each 150 tons of production will be prepared and entered accordingly in each category. Site tests will be completed which include Spot Test, Strip Resistance, Coating Observation and Roll Test.

## HEATING OF FINISHED PRODUCT

QPR® should not be heated above 70°F (21°C) when utilizing a hot box.

# TRAINING OF INSTALLATION CREWS

Lafarge will make available a complete training program for all road crews to ensure correct patching methods, along with updates on this subject.

### **STOCKPILING**

One (1) year shelf life. QPR® may be stockpiled up to 12 months in an uncovered outdoor stockpile.

QPR® High Performance Pavement Repair, when applied according to our directions to deteriorated concrete or bituminous pavement surfaces, is guaranteed to adhere permanently to the repaired area for the life of the repair or until the surrounding pavement area fails. Lafarge will replace actual volumes of QPR® at no charge for any QPR® High Performance Pavement Repair that should ever ravel or release from a properly repaired area.