



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at *wvOASIS.gov*. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at *WVPurchasing.gov* with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header @ 17

List View

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 868356

Procurement Type: Central Master Agreement

Vendor ID: 000000184416

Legal Name: THORWORKS INDUSTRIES INC

Alias/DBA:

Total Bid: \$1.00

Response Date: 06/09/2021

Response Time: 9:41

Responded By User ID: strattonjeremy

First Name: Jeremiah

Last Name: Stratton

Email: jstratton@sealmaster.net

Phone: 6143258754

SO Doc Code: CRFQ

SO Dept: 0803

SO Doc ID: DOT2100000141

Published Date: 5/17/21

Close Date: 6/9/21

Close Time: 13:30

Status: Closed

Solicitation Description: REPAIR PRODUCTS FOR BRIDGES & ROADS 6621C024

Total of Header Attachments: 17

Total of All Attachments: 17



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

**State of West Virginia
 Solicitation Response**

Proc Folder: 868356
Solicitation Description: REPAIR PRODUCTS FOR BRIDGES & ROADS 6621C024
Proc Type: Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2021-06-09 13:30	SR 0803 ESR06092100000008093	1

VENDOR
 000000184416
 THORWORKS INDUSTRIES INC

Solicitation Number: CRFQ 0803 DOT2100000141
Total Bid: 1
Response Date: 2021-06-09
Response Time: 09:41:18
Comments:

FOR INFORMATION CONTACT THE BUYER
 John W Estep
 304-558-2566
 john.w.estep@wv.gov

Vendor _____ **FEIN#** _____ **DATE** _____
Signature X

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	VARIOUS BRIDGE REPAIR PRODUCTS	1.00000	EA	1.000000	1.00

Comm Code	Manufacturer	Specification	Model #
30111500			

Commodity Line Comments: ThorWorks Industries, Inc. / SealMaster will be bidding alternates to the Crafcro line of products and equipment. The products being bid are currently on contract with state D.O.T.'s throughout the country including ODOT, DEMDOT, KYDOT, INDOT, etc. These products and equipment are manufactured by State D.O.T.'s, Cities

Extended Description:

VARIOUS BRIDGE REPAIR PRODUCTS PER THE ATTACHED PRICING PAGES PER DISTRICT

ATTACHMENT A (ATT A) PRICING PAGE - Repair Products for Bridges & Roads 6621C024

Vendor's pricing shall include delivery to any job site located in District 1, which includes: Boone, Clay, Kanawha, Mason, and Putnam Counties.

If proposing an Equal item, Vendor SHALL provide Manufacturer's Brand Name, Part #, and Model# in column C below and shall submit manufacturer information with the bid for WVDOT Approval consideration

It is preferred that the Vendor complete this attachment in Excel or other electronic spreadsheet format.

note: pricing pages are printable on 8.5"x14" paper

Vendor Name: ThorWorks Industries, Inc. / SealMaster

Item #	Contract Item Requested (delivery included in price)	Proposed Equal's Brand Name/Model/ Part #	Unit of Measure (UOM)	Unit Price \$	Number Units per FULL PALLET	Unit Cost, per Pallet per UOM (Pallet divided by number Units)	Other Bulk Tiers/ PARTIAL PALLET PRICES. Must include Unit Price for each discount tier. Example: Buy 50lb bags 1 to 9-\$25/bag. 10 to 49 -\$18/bag. 50 to 65-\$13/bag. Delivery included.
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Kit		KIT			#DIV/0!	
2	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Pallet		PALLET			#DIV/0!	
3	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 2 Gal, Cans		KIT			#DIV/0!	
4	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 10 Gal, Pails		PAIL			#DIV/0!	
5	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 110 Gal, Drums		DRUM			#DIV/0!	
6	SSI DECKSEAL Polymer Deck Sealant or Equal, Pallet		PALLET			#DIV/0!	
7	SSI RE-DECK Skid-Resistant Overlay or Equal, Kit		KIT			#DIV/0!	
8	SSI RE-DECK Skid-Resistant Overlay or Equal, Pallet 30 Kits		PALLET			#DIV/0!	
9	SSI 900 PNS Nosing Expansion Opening Repair Matr or Equal, 1 cf Kit		KIT			#DIV/0!	
10	SSI 900 PNS Nosing Expansion Opening Repair Matr or Equal, Pallet		PALLET			#DIV/0!	
11	IMCO MG-KRETE Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
12	IMCO MG-KRETE Regular or Equal, Pallet		PALLET			#DIV/0!	
13	IMCO MG-KRETE Fine or Equal, 45 lb Pail		PAIL			#DIV/0!	
14	IMCO MG-KRETE Fine or Equal, Pallet		PALLET			#DIV/0!	
15	IMCO MG-KRETE Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
16	IMCO MG-KRETE FLEX Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
17	IMCO MG-KRETE FLEX Regular or Equal, Pallet		PALLET			#DIV/0!	
18	IMCO MG-KRETE NO ODOR Regular or Equal, 50 lb Pail		BAG			#DIV/0!	
19	IMCO MG-KRETE NO ODOR Regular or Equal, Pallet		PALLET			#DIV/0!	
20	IMCO MG-KRETE NO ODOR Fine or Equal, 45 lb Pail		BAG			#DIV/0!	
21	IMCO MG-KRETE NO ODOR Fine or Equal, Pallet		PALLET			#DIV/0!	
22	IMCO MG-KRETE NO ODOR Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
23	IMCO MG-KRETE Flex Regular or Equal, 50 lb Bag		BAG			#DIV/0!	
24	IMCO High Temperature Retarder or Equal, Gal		GALLON			#DIV/0!	
25	IMCO Low Temperature Accelerator or Equal, Gal		GALLON			#DIV/0!	
26	IMCO D-TECH 470 Sealer or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
27	IMCO D-TECH 470 Sealer or Equal, Pallet		PALLET			#DIV/0!	
28	CHEM-CRETE PAVIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
29	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
30	CHEM-CRETE PAVIX CCC100 or Equal, 55-Gal Drum		DRUM			#DIV/0!	
31	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
32	CHEM-CRETE YUFIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
33	CHEM-CRETE YUFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
34	CHEM-CRETE SOFIX CCC100 or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
35	CHEM-CRETE SOFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
36	AQUAFIN-IC ADMIX or Equal, 6 Gal Bucket		BUCKET			#DIV/0!	
37	PERMA-PATCH or Equal 30 lb Pail		PAIL			#DIV/0!	
38	PERMA-PATCH or Equal 50 lb Pail		PAIL			#DIV/0!	
39	PERMA-PATCH or Equal, 60 lb Bag		BAG			#DIV/0!	
40	PERMA-PATCH or Equal, Pallet		PALLET			#DIV/0!	
41	PERMA-PATCH or Equal, Truckload of 750 Bags, 50 lb to 60 lb ea Bag		LOAD			#DIV/0!	
42	DOW Corning 888 Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz CRTG		PKG			#DIV/0!	
43	DOW Corning 888 Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
44	DOW Corning 890-SL Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz. CRTG		PKG			#DIV/0!	
45	DOW Corning 890-SL Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
46	SOPREMA Sopralene Flam 180 or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
47	SOPREMA Sopralene Flam Antirock or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
48	SOPREMA Sopralene Flam Antirock or Equal, Pallet		PALLET			#DIV/0!	
49	SOPREMA Elastocol 500 Primer or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
50	SOPREMA Elastocol 500 Primer or Equal, Pallet		PALLET			#DIV/0!	
51	SOPREMA ALSAN Flashing or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
52	SOPREMA ALSAN PolyFleece or Equal, 4"W x 50'L Roll		ROLL			#DIV/0!	
53	SOPREMA ALSAN PolyFleece or Equal, 6"W x 50'L Roll		ROLL			#DIV/0!	
54	SOPREMA ALSAN PolyFleece or Equal, 8"W x 50'L Roll		ROLL			#DIV/0!	
55	CRAFCO HP All Season Asphalt Cold Patch L or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
56	CRAFCO HP All Season Asphalt Cold Patch M or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
57	CRAFCO HP Concrete Cold Patch or Equal, 50 lb Bag		BAG			#DIV/0!	
58	CRAFCO Techcrete-R or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
59	CRAFCO Techcrete-TBR or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
60	CRAFCO Techcrete-TBR or Equal, Pallet	SealMaster, CrackMaster Mastic Gray	PALLET	4,875.00	50.00	97.50	Price per 2500 lb. pallet. / 50, 50 lb. bags per pallet.
61	CRAFCO Techcrete-TBR or Equal, Truckload	SealMaster, CrackMaster Mastic Gray	LOAD	74,250.00	900.00	82.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. melttable bags.)
62	CRAFCO Techcreteor Equal by Pallet, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	6,697.50	1.00	6,697.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. melttable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
63	CRAFCO Techcreteor Equal by Truckload, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	110,025.00	1.00	110,025.00	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. melttable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
64	CRAFCO Mastic One or Equal, 40 lb Box	SealMaster, CrackMaster Mastic Roads	BOX	42.00	1.00	42.00	Price per single 40 lb. block.
65	CRAFCO Mastic One or Equal, 25 lb Package		PKG			#DIV/0!	
66	CRAFCO Mastic One or Equal, Pallet	SealMaster, CrackMaster Mastic Roads	PALLET	1,730.40	56.00	30.90	Price per 2240 lb. pallet. / 56, 40 lb. blocks per pallet. // Price per 44,800 lb. Truckload w/o eqt. = \$1,344.00 per pallet.
67	CRAFCO Mastic or Equal by Pallet with Equipment	SealMaster, CrackMaster Mastic Roads w/ 250 or 300 Gallon Mastic Melte	LUMP	3,427.20	1.00	3,427.20	20 Pallets / Truckload (2240 lbs./pallet) (40 lb. blocks.) w/ 250 or 300 Gallon CrackPro Mastic Melter
68	CRAFCO Mastic or Equal by Truckload with Equipment	SealMaster, CrackMaster Mastic Roads w/ 250 or 300 Gallon Mastic Melte	LUMP	64,288.00	1.00	64,288.00	20 Pallets / Truckload (2240 lbs./pallet) (40 lb. blocks.) w/ 250 or 300 Gallon CrackPro Mastic Melter
69	CRAFCO Matrix 501 Asphaltic Plug Bridge Joint System or Equal, 40 lb BX		BOX			#DIV/0!	
70	CRAFCO Matrix 501 Asphaltic Plug Bridge Joint System or Equal, Pallet		PALLET			#DIV/0!	
71	CRAFCO Matrix 501 Asphaltic Plug Bridge Joint System or Equal, Truckload		LOAD			#DIV/0!	

Item #	Contract Item Requested (delivery included in price)	Proposed Equal's Brand Name/Model/ Part #	Unit of Measure (UOM)	Unit Price \$	Number Units per FULL PALLET	Unit Cost, per Pallet per UOM (Pallet divided by number Units)	Other Bulk Tiers/ PARTIAL PALLET PRICES. Must include Unit Price for each discount tier. Example: Buy 50lbs bags 1 to 9=\$25/bag. 10 to 49 =\$18/bag. 50 to 65=\$13/bag. Delivery included.
72	CRAFCO Matrix 501 AP Bridge Joint System or Equal, Pallet with Equip		LUMP			#DIV/0!	
73	CRAFCO Matrix 501 AP Bridge Joint Sys or Equal, Truckload with Equip		LUMP			#DIV/0!	
74	BASF Masterflow 100 Construction Grout or Equal, 50 lb Bag		BAG			#DIV/0!	
75	BASF Masterflow 100 Construction Grout or Equal, Pallet		PALLET			#DIV/0!	
76	MasterEmaco T 1060 or Equal 50 lb Bag		BAG			#DIV/0!	
77	BASF MasterEmaco T 1060 or Equal Pallet		PALLET			#DIV/0!	
78	PHOSCRETE VO Vertical Overhead Repair Small Kit or Equal .083 cf Pail		PAIL			#DIV/0!	
79	PHOSCRETE VO Vertical Overhead Repair Small Kit or Equal, Pallet		PALLET			#DIV/0!	
80	PHOSCRETE VO Vertical Overhead Repair Kit or Equal, 0.5 cf		KIT			#DIV/0!	
81	PHOSCRETE VO Vertical Overhead Repair Kit or Equal, Pallet		PALLET			#DIV/0!	
82	PHOSCRETE VO Vertical Overhead Fast Set Ad Mix or Equal, 3.1 oz Kit		KIT			#DIV/0!	
83	PHOSCRETE SG Shotgun Repair or Equal, 22.5 cf Kit Pallet		PALLET			#DIV/0!	
84	PHOSCRETE HC Horizontal Castable Repair or Equal, .45 cf Kit		KIT			#DIV/0!	
85	PHOSCRETE HC Horizontal Castable Repair or Equal, Pallet		PALLET			#DIV/0!	
86	PHOSCRETE HC Horizontal Castable Repair or Equal, .083 cf Pail		PAIL			#DIV/0!	
87	PHOSCRETE HC Horizontal Castable Repair or Equal, Pallet		PALLET			#DIV/0!	
88	PHOSCRETE Fast-Set Admix or Equal, LARGE Pail - 24lbs/96 scoops		PAIL			#DIV/0!	
89	PHOSCRETE Fast-Set Admix or Equal, SMALL Pail - 8lbs/32 scoops		PAIL			#DIV/0!	
90	PHOSCRETE Primer Tub or Equal, 32 sq in at 1/4" layer		PAIL			#DIV/0!	
91	PHOSCRETE Primer Pail or Equal, 4 sf at 1/4" layer		PAIL			#DIV/0!	
92	PHOSCRETE Urethane Mixing Paddle or Equal, LARGE		EA			#DIV/0!	
93	PHOSCRETE Urethane Mixing Paddle or Equal, SMALL		EA			#DIV/0!	
94	SIKADUR 31 Hi-Mod Gel, Epoxy Non-Sag Paste or Equal, 1 Gal Kit		KIT			#DIV/0!	
95	SIKADUR 31 Hi-Mod Gel, Epoxy Non-Sag Paste or Equal, 3 Gal Kit		KIT			#DIV/0!	
96	SIKADUR 31 Hi-Mod Gel, Epoxy Non-Sag Paste or Equal, Pallet		PALLET			#DIV/0!	
97	SIKADUR Crack Weld Crack Injectn Kits or Equal, Kit		KIT			#DIV/0!	
98	SIKADUR Crack Weld Kits or Equal, Pallet of Kits		PALLET			#DIV/0!	
99	SIKADUR Crack Fix Resin or Equal, Carton 12, 10.7-11.0 cu. In Tube CRTG		CARTON			#DIV/0!	
100	SIKADUR Crack Fix Resin or Equal, Pallet		CASE			#DIV/0!	
101	SEALTIGHT 3405 Hot Appl. Polymeric Joint Sealant or Equal 55 lb, 100 LF		CARTON			#DIV/0!	
102	SEALTIGHT 3405 Hot Applied Polymeric Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
103	CSL SI-COAT 529AG Silicone Paint Anti-Corrosive/Graffiti or Equal, 1 Gal		PAIL			#DIV/0!	
104	CSL SI-COAT 529AG Silicone Paint Anti-Corrosive/Graffiti or Equal, 5 Gal		BUCKET			#DIV/0!	
105	CSL SI-COAT 529AG Silicone Paint Anti-Corrosive/Graffiti or Equal, Pallet		PALLET			#DIV/0!	
106	PAVEMEND SLQ Very Rapid Repair Mortar or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
107	PAVEMEND SLQ Very Rapid Repair Mortar or Equal, Pallet		PALLET			#DIV/0!	
108	PAVEMEND 15.0 Rapid Repair Mortar or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
109	PAVEMEND 15.0 Rapid Repair Mortar or Equal, Pallet		PALLET			#DIV/0!	
110	PAVEMEND VR Rapid Repair Mortar or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
111	PAVEMEND VR Rapid Repair Mortar or Equal, Pallet		PALLET			#DIV/0!	
112	PAVEMEND SL Rapid Repair Concrete or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
113	PAVEMEND SL Rapid Repair Concrete or Equal, Pallet		PALLET			#DIV/0!	
114	PAVEMEND SL Rapid Repair Concrete or Equal, 51.8 lb Bag		BAG			#DIV/0!	
115	PAVEMEND SL Rapid Repair Concrete or Equal, Pallet		PALLET			#DIV/0!	
116	RHOMAR BLACK-MAX Cathodic Rust Arrestor or Equal, Case of 4, 1 Gal Jugs		CASE			#DIV/0!	
117	RHOMAR BRIDGE-CON Concrete & Metal Encapsulntor Equal, 12, 1 Qt. Bottles		BOX			#DIV/0!	
118	RHOMAR BRIDGE-CON Concrete & Metal Encapsulntor Equal 5 Gal Pails		PAIL			#DIV/0!	
119	RHOMAR BRIDGE-CON Concrete & Metal Encapsulntor Equal- Pallet		PALLET			#DIV/0!	
120	RHOMAR Pistol Grip Spray Gun or Equal for use with Bridge-Con or Equal		PIECE			#DIV/0!	
121	RHOMAR Extension WAND 24" for Rhomar Pistol Grip Spray Gun or Equal		PIECE			#DIV/0!	
122	RHOMAR BRIDGE-MATE Component Encapsulnt RH-653-06 or Equal 6 Gal Pail		PAIL			#DIV/0!	
123	RHOMAR BRIDGE-MATE RH-653-55 or Equal 55 Gal Drum		DRUM			#DIV/0!	
124	RHOMAR BRIDGE-MATE RH-653-06 or Equal Pallet		PALLET			#DIV/0!	
125	RHOMAR Public Works Applicator for Bridge-Mate or Equal		PIECE			#DIV/0!	
126	RHOMAR BRIDGE-TEC 2000 Concrete Protection Clear or Equal 5 Gal Pails		PAIL			#DIV/0!	
127	RHOMAR BRIDGE-TEC 2000 Concrete Protection Clear or Equal Pallet		PALLET			#DIV/0!	
128	RHOMAR TAGSTER Graffiti & Tagging Emulsifier or Equal 16oz Spray Bottles		PAIL			#DIV/0!	
129	RHOMAR TAGSTER Graffiti & Tagging Emulsifier or Equal 5 Gal Pails		PAIL			#DIV/0!	
130	RHOMAR TAGSTER Graffiti and Tagging Emulsifier, Pallet		PALLET			#DIV/0!	
131	Chlor-Rid or Equal 1 Gal		JUG			#DIV/0!	
132	Chlor-Rid or Equal 5 Gal Pail		PAIL			#DIV/0!	
133	Chlor-Rid or Equal 55 Gal Drum		DRUM			#DIV/0!	
134	Chlor-Rid or Equal Pallet		GALLON			#DIV/0!	
135	Skunkrust SR-17 or Equal 1 Qt spray bottle		QUART			#DIV/0!	
136	Skunkrust SR-17 or Equal Gallon Jug		GALLON			#DIV/0!	
137	Skunkrust SR-17 or Equal Pallet		PALLET			#DIV/0!	
138	Skunkrust SR-17 or Equal 55 Gal Drum		DRUM			#DIV/0!	
139	D.O.T. Line Rapid Repair Concrete or Equal, 53.5 lb Bag		BAG			#DIV/0!	
140	D.O.T. Line Rapid Repair Concrete or Equal, Pallet		PALLET			#DIV/0!	

ATTACHMENT A (ATT A) PRICING PAGE - Repair Products for Bridges & Roads 6621C024

Vendor's pricing shall include delivery to any job site located in **District 2**, which includes: Cabell, Lincoln, Logan, Mingo, and Wayne Counties.

If proposing an Equal item, Vendor SHALL provide Manufacturer's Brand Name, Part #, and Model# in column C below and shall submit manufacturer information with the bid for WVDOH Approval consideration.

It is preferred that the Vendor complete this attachment in Excel or other electronic spreadsheet format.

note: pricing pages are printable on 8.5"x14" paper

Vendor Name:

#	Contract Item Requested (delivery included in price)	Proposed Equival Brand	Unit of Measure	Unit Price \$	Number Units per	Unit Cost per Pallet per UOM	Other Bulk Pricing
		Name/Model/ Part #					Unit Price for each discount tier. Example: Buy 50lbags
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Kit		KIT			#DIV/0!	
2	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Pallet		PALLET			#DIV/0!	
3	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 2 Gal, Cans		KIT			#DIV/0!	
4	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 10 Gal, Pails		PAIL			#DIV/0!	
5	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 110 Gal, Drums		DRUM			#DIV/0!	
6	SSI DECKSEAL Polymer Deck Sealant or Equal, Pallet		PALLET			#DIV/0!	
7	SSI RE-DECK Skid-Resistant Overlay or Equal, Kit		KIT			#DIV/0!	
8	SSI RE-DECK Skid-Resistant Overlay or Equal, Pallet 30 Kits		PALLET			#DIV/0!	
9	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, 1 cf Kit		KIT			#DIV/0!	
10	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, Pallet		PALLET			#DIV/0!	
11	IMCO MG-KRETE Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
12	IMCO MG-KRETE Regular or Equal, Pallet		PALLET			#DIV/0!	
13	IMCO MG-KRETE Fine or Equal, 45 lb Pail		PAIL			#DIV/0!	
14	IMCO MG-KRETE Fine or Equal, Pallet		PALLET			#DIV/0!	
15	IMCO MG-KRETE Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
16	IMCO MG-KRETE FLEX Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
17	IMCO MG-KRETE FLEX Regular or Equal, Pallet		PALLET			#DIV/0!	
18	IMCO MG-KRETE NO ODOR Regular or Equal, 50 lb Pail		BAG			#DIV/0!	
19	IMCO MG-KRETE NO ODOR Regular or Equal, Pallet		PALLET			#DIV/0!	
20	IMCO MG-KRETE NO ODOR Fine or Equal, 45 lb Pail		BAG			#DIV/0!	
21	IMCO MG-KRETE NO ODOR Fine or Equal, Pallet		PALLET			#DIV/0!	
22	IMCO MG-KRETE NO ODOR Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
23	IMCO MG-KRETE Flex Regular or Equal, 50 lb Bag		BAG			#DIV/0!	
24	IMCO High Temperature Retarder or Equal, Gal		GALLON			#DIV/0!	
25	IMCO Low Temperature Accelerator or Equal, Gal		GALLON			#DIV/0!	
26	IMCO D-TECH 470 Sealer or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
27	IMCO D-TECH 470 Sealer or Equal, Pallet		PALLET			#DIV/0!	
28	CHEM-CRETE PAVIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
29	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
30	CHEM-CRETE PAVIX CCC100 or Equal, 55-Gal Drum		DRUM			#DIV/0!	
31	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
32	CHEM-CRETE YUFIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
33	CHEM-CRETE YUFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
34	CHEM-CRETE SOFIX CCC100 or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
35	CHEM-CRETE SOFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
36	AQUAFIN-IC ADMIX or Equal, 6 Gal Bucket		BUCKET			#DIV/0!	
37	PERMA-PATCH or Equal 30 lb Pail		PAIL			#DIV/0!	
38	PERMA-PATCH or Equal 50 lb Pail		PAIL			#DIV/0!	
39	PERMA-PATCH or Equal, 60 lb Bag		BAG			#DIV/0!	
40	PERMA-PATCH or Equal, Pallet		PALLET			#DIV/0!	
41	PERMA-PATCH or Equal, Truckload of 750 Bags, 50 lb to 60 lb ea Bag		LOAD			#DIV/0!	
42	DOW Corning 888 Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz CRTG		PKG			#DIV/0!	
43	DOW Corning 888 Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
44	DOW Corning 890-SL Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz. CRTG		PKG			#DIV/0!	
45	DOW Corning 890-SL Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
46	SOPREMA Sopralene Flam 180 or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
47	SOPREMA Sopralene Flam Antirock or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
48	SOPREMA Sopralene Flam Antirock or Equal, Pallet		PALLET			#DIV/0!	
49	SOPREMA Elastocol 500 Primer or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
50	SOPREMA Elastocol 500 Primer or Equal, Pallet		PALLET			#DIV/0!	
51	SOPREMA ALSAN Flashing or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
52	SOPREMA ALSAN PolyFleece or Equal, 4"W x 50'L Roll		ROLL			#DIV/0!	
53	SOPREMA ALSAN PolyFleece or Equal, 6"W x 50'L Roll		ROLL			#DIV/0!	
54	SOPREMA ALSAN PolyFleece or Equal, 8"W x 50'L Roll		ROLL			#DIV/0!	
55	CRAFCO HP All Season Asphalt Cold Patch L or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
56	CRAFCO HP All Season Asphalt Cold Patch M or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
57	CRAFCO HP Concrete Cold Patch or Equal, 50 lb Bag		BAG			#DIV/0!	
58	CRAFCO Techcrete-R or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
59	CRAFCO Techcrete-TBR or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
60	CRAFCO Techcrete-TBR or Equal, Pallet	SealMaster, CrackMaster Mastic Gray	PALLET	4,875.00	50.00	97.50	Price per 2500 lb. pallet. / 50, 50 lb. bags per pallet.
61	CRAFCO Techcrete-TBR or Equal, Truckload	SealMaster, CrackMaster Mastic Gray	LOAD	74,250.00	900.00	82.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.)
62	CRAFCO Techcreteor Equal by Pallet, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	6,697.50	1.00	6,697.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
63	CRAFCO Techcreteor Equal by Truckload, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	110,025.00	1.00	110,025.00	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
64	CRAFCO Mastic One or Equal, 40 lb Box	SealMaster, CrackMaster Mastic Roads	BOX	42.00	1.00	42.00	Price per single 40 lb. block.
65	CRAFCO Mastic One or Equal, 25 lb Package		PKG			#DIV/0!	
66	CRAFCO Mastic One or Equal, Pallet	SealMaster, CrackMaster Mastic Roads	PALLET	1,730.40	56.00	30.90	Price per 2240 lb. pallet. / 56, 40 lb. blocks per pallet. // Price per 44,800 lb. Truckload w/o eqt. = \$1,344.00 per pallet.
67	CRAFCO Mastic or Equal by Pallet with Equipment	SealMaster, CrackMaster Mastic Roads w/ 250 or	LUMP	3,427.20	1.00	3,427.20	20 Pallets / Truckload (2240 lbs./pallet) (40 lb. blocks.)

ATTACHMENT A (ATT A) PRICING PAGE - Repair Products for Bridges & Roads 6621C024

Vendor's pricing shall include delivery to any job site located in **District 3**, which includes: Calhoun, Jackson, Pleasants, Ritchie, Roane, Wirt, and Wood Counties. If proposing an Equal item, Vendor SHALL provide Manufacturer's Brand Name, Part #, and Model# in column C below and shall submit manufacturer information with the bid for WVDOH Approval consideration.

It is preferred that the Vendor complete this attachment in Excel or other electronic spreadsheet format.

note: pricing pages are printable on 8.5"x14" paper **Vendor Name:**

#	Contract Item Requested (delivery included in price)	Proposed Equal's Brand Name/Model/ Part #	Unit of Measure	Unit Price \$	Number Units per	Unit Cost per Pallet per UOM	Other Bulk Pricing - PALLETS, PAILLETS, DRUMS, BUCKETS, BAGS, etc. - must include Unit Price for each discount tier. Example: Buy 50lb bags
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Kit		KIT			#DIV/0!	
2	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Pallet		PALLET			#DIV/0!	
3	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 2 Gal, Cans		KIT			#DIV/0!	
4	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 10 Gal, Pails		PAIL			#DIV/0!	
5	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 110 Gal, Drums		DRUM			#DIV/0!	
6	SSI DECKSEAL Polymer Deck Sealant or Equal, Pallet		PALLET			#DIV/0!	
7	SSI RE-DECK Skid-Resistant Overlay or Equal, Kit		KIT			#DIV/0!	
8	SSI RE-DECK Skid-Resistant Overlay or Equal, Pallet 30 Kits		PALLET			#DIV/0!	
9	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, 1 cf Kit		KIT			#DIV/0!	
10	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, Pallet		PALLET			#DIV/0!	
11	IMCO MG-KRETE Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
12	IMCO MG-KRETE Regular or Equal, Pallet		PALLET			#DIV/0!	
13	IMCO MG-KRETE Fine or Equal, 45 lb Pail		PAIL			#DIV/0!	
14	IMCO MG-KRETE Fine or Equal, Pallet		PALLET			#DIV/0!	
15	IMCO MG-KRETE Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
16	IMCO MG-KRETE FLEX Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
17	IMCO MG-KRETE FLEX Regular or Equal, Pallet		PALLET			#DIV/0!	
18	IMCO MG-KRETE NO ODOR Regular or Equal, 50 lb Pail		BAG			#DIV/0!	
19	IMCO MG-KRETE NO ODOR Regular or Equal, Pallet		PALLET			#DIV/0!	
20	IMCO MG-KRETE NO ODOR Fine or Equal, 45 lb Pail		BAG			#DIV/0!	
21	IMCO MG-KRETE NO ODOR Fine or Equal, Pallet		PALLET			#DIV/0!	
22	IMCO MG-KRETE NO ODOR Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
23	IMCO MG-KRETE Flex Regular or Equal, 50 lb Bag		BAG			#DIV/0!	
24	IMCO High Temperature Retarder or Equal, Gal		GALLON			#DIV/0!	
25	IMCO Low Temperature Accelerator or Equal, Gal		GALLON			#DIV/0!	
26	IMCO D-TECH 470 Sealer or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
27	IMCO D-TECH 470 Sealer or Equal, Pallet		PALLET			#DIV/0!	
28	CHEM-CRETE PAVIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
29	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
30	CHEM-CRETE PAVIX CCC100 or Equal, 55-Gal Drum		DRUM			#DIV/0!	
31	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
32	CHEM-CRETE YUFIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
33	CHEM-CRETE YUFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
34	CHEM-CRETE SOFIX CCC100 or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
35	CHEM-CRETE SOFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
36	AQUAFIN-IC ADMIX or Equal, 6 Gal Bucket		BUCKET			#DIV/0!	
37	PERMA-PATCH or Equal 30 lb Pail		PAIL			#DIV/0!	
38	PERMA-PATCH or Equal 50 lb Pail		PAIL			#DIV/0!	
39	PERMA-PATCH or Equal, 60 lb Bag		BAG			#DIV/0!	
40	PERMA-PATCH or Equal, Pallet		PALLET			#DIV/0!	
41	PERMA-PATCH or Equal, Truckload of 750 Bags, 50 lb to 60 lb ea Bag		LOAD			#DIV/0!	
42	DOW Corning 888 Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz CRTG		PKG			#DIV/0!	
43	DOW Corning 888 Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
44	DOW Corning 890-SL Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz. CRTG		PKG			#DIV/0!	
45	DOW Corning 890-SL Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
46	SOPREMA Sopralene Flam 180 or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
47	SOPREMA Sopralene Flam Antirock or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
48	SOPREMA Sopralene Flam Antirock or Equal, Pallet		PALLET			#DIV/0!	
49	SOPREMA Elastocol 500 Primer or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
50	SOPREMA Elastocol 500 Primer or Equal, Pallet		PALLET			#DIV/0!	
51	SOPREMA ALSAN Flashing or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
52	SOPREMA ALSAN PolyFleece or Equal, 4"W x 50'L Roll		ROLL			#DIV/0!	
53	SOPREMA ALSAN PolyFleece or Equal, 6"W x 50'L Roll		ROLL			#DIV/0!	
54	SOPREMA ALSAN PolyFleece or Equal, 8"W x 50'L Roll		ROLL			#DIV/0!	
55	CRAFCO HP All Season Asphalt Cold Patch L or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
56	CRAFCO HP All Season Asphalt Cold Patch M or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
57	CRAFCO HP Concrete Cold Patch or Equal, 50 lb Bag		BAG			#DIV/0!	
58	CRAFCO Techcrete-R or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
59	CRAFCO Techcrete-TBR or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
60	CRAFCO Techcrete-TBR or Equal, Pallet	SealMaster, CrackMaster Mastic Gray	PALLET	4,875.00	50.00	97.50	Price per 2500 lb. pallet. / 50, 50 lb. bags per pallet.
61	CRAFCO Techcrete-TBR or Equal, Truckload	SealMaster, CrackMaster Mastic Gray	LOAD	74,250.00	900.00	82.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.)
62	CRAFCO Techcreteor Equal by Pallet, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	6,697.50	1.00	6,697.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
63	CRAFCO Techcreteor Equal by Truckload, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	110,025.00	1.00	110,025.00	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
64	CRAFCO Mastic One or Equal, 40 lb Box	SealMaster, CrackMaster Mastic Roads	BOX	42.00	1.00	42.00	Price per single 40 lb. block.
65	CRAFCO Mastic One or Equal, 25 lb Package		PKG			#DIV/0!	
66	CRAFCO Mastic One or Equal, Pallet	SealMaster, CrackMaster Mastic Roads	PALLET	1,730.40	56.00	30.90	Price per 2240 lb. pallet. / 56, 40 lb. blocks per pallet. // Price per 44,800 lb. Truckload w/o eqt. = \$1,344.00 per pallet.
67	CRAFCO Mastic or Equal by Pallet with Equipment	SealMaster, CrackMaster Mastic Roads w/ 250 or	LUMP	3,427.20	1.00	3,427.20	20 Pallets / Truckload (2240 lbs./pallet) (40 lb. blocks.) w/ 250 or 300 Gallon CrackPro Mastic Melter

ATTACHMENT A (ATT A) PRICING PAGE - Repair Products for Bridges & Roads 6621C024

Vendor's pricing shall include delivery to any job site located in **District 4**, which includes: Doddridge, Harrison, Marion, Monongalia, Preston, and Taylor Counties. If proposing an Equal item, Vendor SHALL provide Manufacturer's Brand Name, Part #, and Model# in column C below and shall submit manufacturer information with the bid for WVDOH Approval consideration.

It is preferred that the Vendor complete this attachment in Excel or other electronic spreadsheet format.

note: pricing pages are printable on 8.5"x14" paper **Vendor Name:**

#	Contract Item Requested (delivery included in price)	Proposed Equal's Brand Name/Model/ Part #	Unit or Measure	Unit Price \$	Number Units per	Unit Cost, per Pallet per UOM	Other Bulk Price / Pallet / Pallet Prices - Must include Unit Price for each discount tier. Example: Buy 50lb bags
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Kit		KIT			#DIV/0!	
2	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Pallet		PALLET			#DIV/0!	
3	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 2 Gal, Cans		KIT			#DIV/0!	
4	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 10 Gal, Pails		PAIL			#DIV/0!	
5	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 110 Gal, Drums		DRUM			#DIV/0!	
6	SSI DECKSEAL Polymer Deck Sealant or Equal, Pallet		PALLET			#DIV/0!	
7	SSI RE-DECK Skid-Resistant Overlay or Equal, Kit		KIT			#DIV/0!	
8	SSI RE-DECK Skid-Resistant Overlay or Equal, Pallet 30 Kits		PALLET			#DIV/0!	
9	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, 1 cf Kit		KIT			#DIV/0!	
10	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, Pallet		PALLET			#DIV/0!	
11	IMCO MG-KRETE Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
12	IMCO MG-KRETE Regular or Equal, Pallet		PALLET			#DIV/0!	
13	IMCO MG-KRETE Fine or Equal, 45 lb Pail		PAIL			#DIV/0!	
14	IMCO MG-KRETE Fine or Equal, Pallet		PALLET			#DIV/0!	
15	IMCO MG-KRETE Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
16	IMCO MG-KRETE FLEX Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
17	IMCO MG-KRETE FLEX Regular or Equal, Pallet		PALLET			#DIV/0!	
18	IMCO MG-KRETE NO ODOR Regular or Equal, 50 lb Pail		BAG			#DIV/0!	
19	IMCO MG-KRETE NO ODOR Regular or Equal, Pallet		PALLET			#DIV/0!	
20	IMCO MG-KRETE NO ODOR Fine or Equal, 45 lb Pail		BAG			#DIV/0!	
21	IMCO MG-KRETE NO ODOR Fine or Equal, Pallet		PALLET			#DIV/0!	
22	IMCO MG-KRETE NO ODOR Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
23	IMCO MG-KRETE Flex Regular or Equal, 50 lb Bag		BAG			#DIV/0!	
24	IMCO High Temperature Retarder or Equal, Gal		GALLON			#DIV/0!	
25	IMCO Low Temperature Accelerator or Equal, Gal		GALLON			#DIV/0!	
26	IMCO D-TECH 470 Sealer or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
27	IMCO D-TECH 470 Sealer or Equal, Pallet		PALLET			#DIV/0!	
28	CHEM-CRETE PAVIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
29	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
30	CHEM-CRETE PAVIX CCC100 or Equal, 55-Gal Drum		DRUM			#DIV/0!	
31	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
32	CHEM-CRETE YUFIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
33	CHEM-CRETE YUFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
34	CHEM-CRETE SOFIX CCC100 or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
35	CHEM-CRETE SOFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
36	AQUAFIN-IC ADMIX or Equal, 6 Gal Bucket		BUCKET			#DIV/0!	
37	PERMA-PATCH or Equal 30 lb Pail		PAIL			#DIV/0!	
38	PERMA-PATCH or Equal 50 lb Pail		PAIL			#DIV/0!	
39	PERMA-PATCH or Equal, 60 lb Bag		BAG			#DIV/0!	
40	PERMA-PATCH or Equal, Pallet		PALLET			#DIV/0!	
41	PERMA-PATCH or Equal, Truckload of 750 Bags, 50 lb to 60 lb ea Bag		LOAD			#DIV/0!	
42	DOW Corning 888 Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz CRTG		PKG			#DIV/0!	
43	DOW Corning 888 Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
44	DOW Corning 890-SL Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz. CRTG		PKG			#DIV/0!	
45	DOW Corning 890-SL Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
46	SOPREMA Sopralene Flam 180 or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
47	SOPREMA Sopralene Flam Antirock or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
48	SOPREMA Sopralene Flam Antirock or Equal, Pallet		PALLET			#DIV/0!	
49	SOPREMA Elastocol 500 Primer or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
50	SOPREMA Elastocol 500 Primer or Equal, Pallet		PALLET			#DIV/0!	
51	SOPREMA ALSAN Flashing or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
52	SOPREMA ALSAN PolyFleece or Equal, 4"W x 50'L Roll		ROLL			#DIV/0!	
53	SOPREMA ALSAN PolyFleece or Equal, 6"W x 50'L Roll		ROLL			#DIV/0!	
54	SOPREMA ALSAN PolyFleece or Equal, 8"W x 50'L Roll		ROLL			#DIV/0!	
55	CRAFCO HP All Season Asphalt Cold Patch L or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
56	CRAFCO HP All Season Asphalt Cold Patch M or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
57	CRAFCO HP Concrete Cold Patch or Equal, 50 lb Bag		BAG			#DIV/0!	
58	CRAFCO Techcrete-R or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
59	CRAFCO Techcrete-TBR or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
60	CRAFCO Techcrete-TBR or Equal, Pallet	SealMaster, CrackMaster Mastic Gray	PALLET	4,875.00	50.00	97.50	Price per 2500 lb. pallet. / 50, 50 lb. bags per pallet.
61	CRAFCO Techcrete-TBR or Equal, Truckload	SealMaster, CrackMaster Mastic Gray	LOAD	74,250.00	900.00	82.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.)
62	CRAFCO Techcreteor Equal by Pallet, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	6,697.50	1.00	6,697.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
63	CRAFCO Techcreteor Equal by Truckload, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	110,025.00	1.00	110,025.00	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
64	CRAFCO Mastic One or Equal, 40 lb Box	SealMaster, CrackMaster Mastic Roads	BOX	42.00	1.00	42.00	Price per single 40 lb. block.
65	CRAFCO Mastic One or Equal, 25 lb Package		PKG			#DIV/0!	
66	CRAFCO Mastic One or Equal, Pallet	SealMaster, CrackMaster Mastic Roads	PALLET	1,730.40	56.00	30.90	Price per 2240 lb. pallet. / 56, 40 lb. blocks per pallet. // Price per 44,800 lb. Truckload w/o eqt. = \$1,344.00 per pallet.
67	CRAFCO Mastic or Equal by Pallet with Equipment	SealMaster, CrackMaster Mastic Roads w/ 250 or	LUMP	3,427.20	1.00	3,427.20	20 Pallets / Truckload (2240 lbs./pallet) (40 lb. blocks.) w/ 250 or 300 Gallon CrackPro Mastic Melter

ATTACHMENT A (ATT A) PRICING PAGE - Repair Products for Bridges & Roads 6621C024

Vendor's pricing shall include delivery to any job site located in **District 5**, which includes: Berkeley, Grant, Hampshire, Hardy, Jefferson, Mineral, and Morgan Counties. If proposing an Equal item, Vendor SHALL provide Manufacturer's Brand Name, Part #, and Model# in column C below and shall submit manufacturer information with the bid for WVDOH Approval consideration.

It is preferred that the Vendor complete this attachment in Excel or other electronic spreadsheet format.

note: pricing pages are printable on 8.5"x14" paper **Vendor Name:**

#	Contract Item Requested (delivery included in price)	Proposed Equal's Brand Name/Model/ Part #	Unit of Measure	Unit Price \$	Number Units per	Unit Cost, per Pallet per UOM	Other Bulk Pricing Example: Buy 50lb bags UNIT PRICE for each discount tier. Example: Buy 50lb bags
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Kit		KIT			#DIV/0!	
2	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Pallet		PALLET			#DIV/0!	
3	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 2 Gal, Cans		KIT			#DIV/0!	
4	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 10 Gal, Pails		PAIL			#DIV/0!	
5	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 110 Gal, Drums		DRUM			#DIV/0!	
6	SSI DECKSEAL Polymer Deck Sealant or Equal, Pallet		PALLET			#DIV/0!	
7	SSI RE-DECK Skid-Resistant Overlay or Equal, Kit		KIT			#DIV/0!	
8	SSI RE-DECK Skid-Resistant Overlay or Equal, Pallet 30 Kits		PALLET			#DIV/0!	
9	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, 1 cf Kit		KIT			#DIV/0!	
10	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, Pallet		PALLET			#DIV/0!	
11	IMCO MG-KRETE Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
12	IMCO MG-KRETE Regular or Equal, Pallet		PALLET			#DIV/0!	
13	IMCO MG-KRETE Fine or Equal, 45 lb Pail		PAIL			#DIV/0!	
14	IMCO MG-KRETE Fine or Equal, Pallet		PALLET			#DIV/0!	
15	IMCO MG-KRETE Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
16	IMCO MG-KRETE FLEX Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
17	IMCO MG-KRETE FLEX Regular or Equal, Pallet		PALLET			#DIV/0!	
18	IMCO MG-KRETE NO ODOR Regular or Equal, 50 lb Pail		BAG			#DIV/0!	
19	IMCO MG-KRETE NO ODOR Regular or Equal, Pallet		PALLET			#DIV/0!	
20	IMCO MG-KRETE NO ODOR Fine or Equal, 45 lb Pail		BAG			#DIV/0!	
21	IMCO MG-KRETE NO ODOR Fine or Equal, Pallet		PALLET			#DIV/0!	
22	IMCO MG-KRETE NO ODOR Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
23	IMCO MG-KRETE Flex Regular or Equal, 50 lb Bag		BAG			#DIV/0!	
24	IMCO High Temperature Retarder or Equal, Gal		GALLON			#DIV/0!	
25	IMCO Low Temperature Accelerator or Equal, Gal		GALLON			#DIV/0!	
26	IMCO D-TECH 470 Sealer or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
27	IMCO D-TECH 470 Sealer or Equal, Pallet		PALLET			#DIV/0!	
28	CHEM-CRETE PAVIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
29	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
30	CHEM-CRETE PAVIX CCC100 or Equal, 55-Gal Drum		DRUM			#DIV/0!	
31	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
32	CHEM-CRETE YUFIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
33	CHEM-CRETE YUFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
34	CHEM-CRETE SOFIX CCC100 or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
35	CHEM-CRETE SOFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
36	AQUAFIN-IC ADMIX or Equal, 6 Gal Bucket		BUCKET			#DIV/0!	
37	PERMA-PATCH or Equal 30 lb Pail		PAIL			#DIV/0!	
38	PERMA-PATCH or Equal 50 lb Pail		PAIL			#DIV/0!	
39	PERMA-PATCH or Equal, 60 lb Bag		BAG			#DIV/0!	
40	PERMA-PATCH or Equal, Pallet		PALLET			#DIV/0!	
41	PERMA-PATCH or Equal, Truckload of 750 Bags, 50 lb to 60 lb ea Bag		LOAD			#DIV/0!	
42	DOW Corning 888 Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz CRTG		PKG			#DIV/0!	
43	DOW Corning 888 Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
44	DOW Corning 890-SL Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz. CRTG		PKG			#DIV/0!	
45	DOW Corning 890-SL Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
46	SOPREMA Sopralene Flam 180 or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
47	SOPREMA Sopralene Flam Antirock or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
48	SOPREMA Sopralene Flam Antirock or Equal, Pallet		PALLET			#DIV/0!	
49	SOPREMA Elastocol 500 Primer or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
50	SOPREMA Elastocol 500 Primer or Equal, Pallet		PALLET			#DIV/0!	
51	SOPREMA ALSAN Flashing or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
52	SOPREMA ALSAN PolyFleece or Equal, 4"W x 50'L Roll		ROLL			#DIV/0!	
53	SOPREMA ALSAN PolyFleece or Equal, 6"W x 50'L Roll		ROLL			#DIV/0!	
54	SOPREMA ALSAN PolyFleece or Equal, 8"W x 50'L Roll		ROLL			#DIV/0!	
55	CRAFCO HP All Season Asphalt Cold Patch L or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
56	CRAFCO HP All Season Asphalt Cold Patch M or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
57	CRAFCO HP Concrete Cold Patch or Equal, 50 lb Bag		BAG			#DIV/0!	
58	CRAFCO Techcrete-R or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
59	CRAFCO Techcrete-TBR or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
60	CRAFCO Techcrete-TBR or Equal, Pallet	SealMaster, CrackMaster Mastic Gray	PALLET	4,875.00	50.00	97.50	Price per 2500 lb. pallet. / 50, 50 lb. bags per pallet.
61	CRAFCO Techcrete-TBR or Equal, Truckload	SealMaster, CrackMaster Mastic Gray	LOAD	74,250.00	900.00	82.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.)
62	CRAFCO Techcreteor Equal by Pallet, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	6,697.50	1.00	6,697.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
63	CRAFCO Techcreteor Equal by Truckload, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	110,025.00	1.00	110,025.00	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
64	CRAFCO Mastic One or Equal, 40 lb Box	SealMaster, CrackMaster Mastic Roads	BOX	42.00	1.00	42.00	Price per single 40 lb. block.
65	CRAFCO Mastic One or Equal, 25 lb Package		PKG			#DIV/0!	
66	CRAFCO Mastic One or Equal, Pallet	SealMaster, CrackMaster Mastic Roads	PALLET	1,730.40	56.00	30.90	Price per 2240 lb. pallet. / 56, 40 lb. blocks per pallet. // Price per 44,800 lb. Truckload w/o eqt. = \$1,344.00 per pallet.
67	CRAFCO Mastic or Equal by Pallet with Equipment	SealMaster, CrackMaster Mastic Roads w/ 250 or	LUMP	3,427.20	1.00	3,427.20	20 Pallets / Truckload (2240 lbs./pallet) (40 lb. blocks.) w/ 250 or 300 Gallon CrackPro Mastic Melter

ATTACHMENT A (ATT A) PRICING PAGE - Repair Products for Bridges & Roads 6621C024

Vendor's pricing shall include delivery to any job site located in **District 6**, which includes: Brooke, Hancock, Marshall, Ohio, Tyler, and Wetzel Counties
 If proposing an Equal item, Vendor SHALL provide Manufacturer's Brand Name, Part #, and Model# in column C below and shall submit manufacturer information with the bid for WVDOH Approval consideration.

It is preferred that the Vendor complete this attachment in Excel or other electronic spreadsheet format.

note: pricing pages are printable on 8.5"x14" paper **Vendor Name:**

Item #	Contract Item Requested (delivery included in price)	Proposed Equal's Brand Name/Model/ Part #	Unit or Measure	Unit Price \$	Number Units per	Unit Cost, per Pallet per UOM	Other Bulk Pricing - Example: Buy 50lb bags Unit Price for each discount tier.
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Kit		KIT			#DIV/0!	
2	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Pallet		PALLET			#DIV/0!	
3	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 2 Gal, Cans		KIT			#DIV/0!	
4	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 10 Gal, Pails		PAIL			#DIV/0!	
5	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 110 Gal, Drums		DRUM			#DIV/0!	
6	SSI DECKSEAL Polymer Deck Sealant or Equal, Pallet		PALLET			#DIV/0!	
7	SSI RE-DECK Skid-Resistant Overlay or Equal, Kit		KIT			#DIV/0!	
8	SSI RE-DECK Skid-Resistant Overlay or Equal, Pallet 30 Kits		PALLET			#DIV/0!	
9	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, 1 cf Kit		KIT			#DIV/0!	
10	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, Pallet		PALLET			#DIV/0!	
11	IMCO MG-KRETE Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
12	IMCO MG-KRETE Regular or Equal, Pallet		PALLET			#DIV/0!	
13	IMCO MG-KRETE Fine or Equal, 45 lb Pail		PAIL			#DIV/0!	
14	IMCO MG-KRETE Fine or Equal, Pallet		PALLET			#DIV/0!	
15	IMCO MG-KRETE Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
16	IMCO MG-KRETE FLEX Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
17	IMCO MG-KRETE FLEX Regular or Equal, Pallet		PALLET			#DIV/0!	
18	IMCO MG-KRETE NO ODOR Regular or Equal, 50 lb Pail		BAG			#DIV/0!	
19	IMCO MG-KRETE NO ODOR Regular or Equal, Pallet		PALLET			#DIV/0!	
20	IMCO MG-KRETE NO ODOR Fine or Equal, 45 lb Pail		BAG			#DIV/0!	
21	IMCO MG-KRETE NO ODOR Fine or Equal, Pallet		PALLET			#DIV/0!	
22	IMCO MG-KRETE NO ODOR Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
23	IMCO MG-KRETE Flex Regular or Equal, 50 lb Bag		BAG			#DIV/0!	
24	IMCO High Temperature Retarder or Equal, Gal		GALLON			#DIV/0!	
25	IMCO Low Temperature Accelerator or Equal, Gal		GALLON			#DIV/0!	
26	IMCO D-TECH 470 Sealer or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
27	IMCO D-TECH 470 Sealer or Equal, Pallet		PALLET			#DIV/0!	
28	CHEM-CRETE PAVIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
29	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
30	CHEM-CRETE PAVIX CCC100 or Equal, 55-Gal Drum		DRUM			#DIV/0!	
31	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
32	CHEM-CRETE YUFIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
33	CHEM-CRETE YUFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
34	CHEM-CRETE SOFIX CCC100 or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
35	CHEM-CRETE SOFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
36	AQUAFIN-IC ADMIX or Equal, 6 Gal Bucket		BUCKET			#DIV/0!	
37	PERMA-PATCH or Equal 30 lb Pail		PAIL			#DIV/0!	
38	PERMA-PATCH or Equal 50 lb Pail		PAIL			#DIV/0!	
39	PERMA-PATCH or Equal, 60 lb Bag		BAG			#DIV/0!	
40	PERMA-PATCH or Equal, Pallet		PALLET			#DIV/0!	
41	PERMA-PATCH or Equal, Truckload of 750 Bags, 50 lb to 60 lb ea Bag		LOAD			#DIV/0!	
42	DOW Corning 888 Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz CRTG		PKG			#DIV/0!	
43	DOW Corning 888 Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
44	DOW Corning 890-SL Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz. CRTG		PKG			#DIV/0!	
45	DOW Corning 890-SL Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
46	SOPREMA Sopralene Flam 180 or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
47	SOPREMA Sopralene Flam Antirock or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
48	SOPREMA Sopralene Flam Antirock or Equal, Pallet		PALLET			#DIV/0!	
49	SOPREMA Elastocol 500 Primer or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
50	SOPREMA Elastocol 500 Primer or Equal, Pallet		PALLET			#DIV/0!	
51	SOPREMA ALSAN Flashing or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
52	SOPREMA ALSAN PolyFleece or Equal, 4"W x 50'L Roll		ROLL			#DIV/0!	
53	SOPREMA ALSAN PolyFleece or Equal, 6"W x 50'L Roll		ROLL			#DIV/0!	
54	SOPREMA ALSAN PolyFleece or Equal, 8"W x 50'L Roll		ROLL			#DIV/0!	
55	CRAFCO HP All Season Asphalt Cold Patch L or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
56	CRAFCO HP All Season Asphalt Cold Patch M or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
57	CRAFCO HP Concrete Cold Patch or Equal, 50 lb Bag		BAG			#DIV/0!	
58	CRAFCO Techcrete-R or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
59	CRAFCO Techcrete-TBR or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
60	CRAFCO Techcrete-TBR or Equal, Pallet	SealMaster, CrackMaster Mastic Gray	PALLET	4,875.00	50.00	97.50	Price per 2500 lb. pallet. / 50, 50 lb. bags per pallet.
61	CRAFCO Techcrete-TBR or Equal, Truckload	SealMaster, CrackMaster Mastic Gray	LOAD	74,250.00	900.00	82.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.)
62	CRAFCO Techcreteor Equal by Pallet, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	6,697.50	1.00	6,697.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
63	CRAFCO Techcreteor Equal by Truckload, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	110,025.00	1.00	110,025.00	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
64	CRAFCO Mastic One or Equal, 40 lb Box	SealMaster, CrackMaster Mastic Roads	BOX	42.00	1.00	42.00	Price per single 40 lb. block.
65	CRAFCO Mastic One or Equal, 25 lb Package		PKG			#DIV/0!	
66	CRAFCO Mastic One or Equal, Pallet	SealMaster, CrackMaster Mastic Roads	PALLET	1,730.40	56.00	30.90	Price per 2240 lb. pallet. / 56, 40 lb. blocks per pallet. // Price per 44,800 lb. Truckload w/o eqt. = \$1,344.00 per pallet.
67	CRAFCO Mastic or Equal by Pallet with Equipment	SealMaster, CrackMaster Mastic Roads w/ 250 or	LUMP	3,427.20	1.00	3,427.20	20 Pallets / Truckload (2240 lbs./pallet) (40 lb. blocks.) w/ 250 or 300 Gallon CrackPro Mastic Melter

ATTACHMENT A (ATT A) PRICING PAGE - Repair Products for Bridges & Roads 6621C024

Vendor's pricing shall include delivery to any job site located in **District 7**, which includes: Barbour, Braxton, Gilmer, Lewis, Upshur, and Webster Counties. If proposing an Equal item, Vendor SHALL provide Manufacturer's Brand Name, Part #, and Model# in column C below and shall submit manufacturer information with the bid for WVDOH Approval consideration.

It is preferred that the Vendor complete this attachment in Excel or other electronic spreadsheet format.

note: pricing pages are printable on 8.5"x14" paper **Vendor Name:**

#	Contract Item Requested (delivery included in price)	Proposed Equal's Brand Name/Model/ Part #	Unit of Measure	Unit Price \$	Number Units per	Unit Cost, per Pallet per UOM	Other Bulk Price / Pallet / Pallet Prices - Must include Unit Price for each discount tier. Example: Buy 50lb bags
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Kit		KIT			#DIV/0!	
2	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Pallet		PALLET			#DIV/0!	
3	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 2 Gal, Cans		KIT			#DIV/0!	
4	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 10 Gal, Pails		PAIL			#DIV/0!	
5	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 110 Gal, Drums		DRUM			#DIV/0!	
6	SSI DECKSEAL Polymer Deck Sealant or Equal, Pallet		PALLET			#DIV/0!	
7	SSI RE-DECK Skid-Resistant Overlay or Equal, Kit		KIT			#DIV/0!	
8	SSI RE-DECK Skid-Resistant Overlay or Equal, Pallet 30 Kits		PALLET			#DIV/0!	
9	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, 1 cf Kit		KIT			#DIV/0!	
10	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, Pallet		PALLET			#DIV/0!	
11	IMCO MG-KRETE Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
12	IMCO MG-KRETE Regular or Equal, Pallet		PALLET			#DIV/0!	
13	IMCO MG-KRETE Fine or Equal, 45 lb Pail		PAIL			#DIV/0!	
14	IMCO MG-KRETE Fine or Equal, Pallet		PALLET			#DIV/0!	
15	IMCO MG-KRETE Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
16	IMCO MG-KRETE FLEX Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
17	IMCO MG-KRETE FLEX Regular or Equal, Pallet		PALLET			#DIV/0!	
18	IMCO MG-KRETE NO ODOR Regular or Equal, 50 lb Pail		BAG			#DIV/0!	
19	IMCO MG-KRETE NO ODOR Regular or Equal, Pallet		PALLET			#DIV/0!	
20	IMCO MG-KRETE NO ODOR Fine or Equal, 45 lb Pail		BAG			#DIV/0!	
21	IMCO MG-KRETE NO ODOR Fine or Equal, Pallet		PALLET			#DIV/0!	
22	IMCO MG-KRETE NO ODOR Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
23	IMCO MG-KRETE Flex Regular or Equal, 50 lb Bag		BAG			#DIV/0!	
24	IMCO High Temperature Retarder or Equal, Gal		GALLON			#DIV/0!	
25	IMCO Low Temperature Accelerator or Equal, Gal		GALLON			#DIV/0!	
26	IMCO D-TECH 470 Sealer or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
27	IMCO D-TECH 470 Sealer or Equal, Pallet		PALLET			#DIV/0!	
28	CHEM-CRETE PAVIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
29	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
30	CHEM-CRETE PAVIX CCC100 or Equal, 55-Gal Drum		DRUM			#DIV/0!	
31	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
32	CHEM-CRETE YUFIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
33	CHEM-CRETE YUFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
34	CHEM-CRETE SOFIX CCC100 or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
35	CHEM-CRETE SOFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
36	AQUAFIN-IC ADMIX or Equal, 6 Gal Bucket		BUCKET			#DIV/0!	
37	PERMA-PATCH or Equal 30 lb Pail		PAIL			#DIV/0!	
38	PERMA-PATCH or Equal 50 lb Pail		PAIL			#DIV/0!	
39	PERMA-PATCH or Equal, 60 lb Bag		BAG			#DIV/0!	
40	PERMA-PATCH or Equal, Pallet		PALLET			#DIV/0!	
41	PERMA-PATCH or Equal, Truckload of 750 Bags, 50 lb to 60 lb ea Bag		LOAD			#DIV/0!	
42	DOW Corning 888 Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz CRTG		PKG			#DIV/0!	
43	DOW Corning 888 Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
44	DOW Corning 890-SL Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz. CRTG		PKG			#DIV/0!	
45	DOW Corning 890-SL Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
46	SOPREMA Sopralene Flam 180 or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
47	SOPREMA Sopralene Flam Antirock or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
48	SOPREMA Sopralene Flam Antirock or Equal, Pallet		PALLET			#DIV/0!	
49	SOPREMA Elastocol 500 Primer or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
50	SOPREMA Elastocol 500 Primer or Equal, Pallet		PALLET			#DIV/0!	
51	SOPREMA ALSAN Flashing or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
52	SOPREMA ALSAN PolyFleece or Equal, 4"W x 50'L Roll		ROLL			#DIV/0!	
53	SOPREMA ALSAN PolyFleece or Equal, 6"W x 50'L Roll		ROLL			#DIV/0!	
54	SOPREMA ALSAN PolyFleece or Equal, 8"W x 50'L Roll		ROLL			#DIV/0!	
55	CRAFCO HP All Season Asphalt Cold Patch L or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
56	CRAFCO HP All Season Asphalt Cold Patch M or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
57	CRAFCO HP Concrete Cold Patch or Equal, 50 lb Bag		BAG			#DIV/0!	
58	CRAFCO Techcrete-R or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
59	CRAFCO Techcrete-TBR or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
60	CRAFCO Techcrete-TBR or Equal, Pallet	SealMaster, CrackMaster Mastic Gray	PALLET	4,875.00	50.00	97.50	Price per 2500 lb. pallet. / 50, 50 lb. bags per pallet.
61	CRAFCO Techcrete-TBR or Equal, Truckload	SealMaster, CrackMaster Mastic Gray	LOAD	74,250.00	900.00	82.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.)
62	CRAFCO Techcreteor Equal by Pallet, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	6,697.50	1.00	6,697.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
63	CRAFCO Techcreteor Equal by Truckload, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	110,025.00	1.00	110,025.00	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
64	CRAFCO Mastic One or Equal, 40 lb Box	SealMaster, CrackMaster Mastic Roads	BOX	42.00	1.00	42.00	Price per single 40 lb. block.
65	CRAFCO Mastic One or Equal, 25 lb Package		PKG			#DIV/0!	
66	CRAFCO Mastic One or Equal, Pallet	SealMaster, CrackMaster Mastic Roads	PALLET	1,730.40	56.00	30.90	Price per 2240 lb. pallet. / 56, 40 lb. blocks per pallet. // Price per 44,800 lb. Truckload w/o eqt. = \$1,344.00 per pallet.
67	CRAFCO Mastic or Equal by Pallet with Equipment	SealMaster, CrackMaster Mastic Roads w/ 250 or	LUMP	3,427.20	1.00	3,427.20	20 Pallets / Truckload (2240 lbs./pallet) (40 lb. blocks.) w/ 250 or 300 Gallon CrackPro Mastic Melter

ATTACHMENT A (ATT A) PRICING PAGE - Repair Products for Bridges & Roads 6621C024

Vendor's pricing shall include delivery to any job site located in **District 8**, which includes: Pendleton, Pocahontas, Randolph, and Tucker Counties. If proposing an Equal item, Vendor SHALL provide Manufacturer's Brand Name, Part #, and Model# in column C below and shall submit manufacturer information with the bid for WVDOH Approval consideration.

It is preferred that the Vendor complete this attachment in Excel or other electronic spreadsheet format.

note: pricing pages are printable on 8.5"x14" paper **Vendor Name:**

#	Contract Item Requested (delivery included in price)	Proposed Equal's Brand Name/Model/ Part #	Unit or Measure	Unit Price \$	Number Units per	Unit Cost per Pallet per UOM	Other Bulk Price Example: Buy 50lb bags
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Kit		KIT			#DIV/0!	
2	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Pallet		PALLET			#DIV/0!	
3	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 2 Gal, Cans		KIT			#DIV/0!	
4	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 10 Gal, Pails		PAIL			#DIV/0!	
5	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 110 Gal, Drums		DRUM			#DIV/0!	
6	SSI DECKSEAL Polymer Deck Sealant or Equal, Pallet		PALLET			#DIV/0!	
7	SSI RE-DECK Skid-Resistant Overlay or Equal, Kit		KIT			#DIV/0!	
8	SSI RE-DECK Skid-Resistant Overlay or Equal, Pallet 30 Kits		PALLET			#DIV/0!	
9	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, 1 cf Kit		KIT			#DIV/0!	
10	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, Pallet		PALLET			#DIV/0!	
11	IMCO MG-KRETE Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
12	IMCO MG-KRETE Regular or Equal, Pallet		PALLET			#DIV/0!	
13	IMCO MG-KRETE Fine or Equal, 45 lb Pail		PAIL			#DIV/0!	
14	IMCO MG-KRETE Fine or Equal, Pallet		PALLET			#DIV/0!	
15	IMCO MG-KRETE Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
16	IMCO MG-KRETE FLEX Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
17	IMCO MG-KRETE FLEX Regular or Equal, Pallet		PALLET			#DIV/0!	
18	IMCO MG-KRETE NO ODOR Regular or Equal, 50 lb Pail		BAG			#DIV/0!	
19	IMCO MG-KRETE NO ODOR Regular or Equal, Pallet		PALLET			#DIV/0!	
20	IMCO MG-KRETE NO ODOR Fine or Equal, 45 lb Pail		BAG			#DIV/0!	
21	IMCO MG-KRETE NO ODOR Fine or Equal, Pallet		PALLET			#DIV/0!	
22	IMCO MG-KRETE NO ODOR Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
23	IMCO MG-KRETE Flex Regular or Equal, 50 lb Bag		BAG			#DIV/0!	
24	IMCO High Temperature Retarder or Equal, Gal		GALLON			#DIV/0!	
25	IMCO Low Temperature Accelerator or Equal, Gal		GALLON			#DIV/0!	
26	IMCO D-TECH 470 Sealer or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
27	IMCO D-TECH 470 Sealer or Equal, Pallet		PALLET			#DIV/0!	
28	CHEM-CRETE PAVIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
29	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
30	CHEM-CRETE PAVIX CCC100 or Equal, 55-Gal Drum		DRUM			#DIV/0!	
31	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
32	CHEM-CRETE YUFIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
33	CHEM-CRETE YUFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
34	CHEM-CRETE SOFIX CCC100 or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
35	CHEM-CRETE SOFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
36	AQUAFIN-IC ADMIX or Equal, 6 Gal Bucket		BUCKET			#DIV/0!	
37	PERMA-PATCH or Equal 30 lb Pail		PAIL			#DIV/0!	
38	PERMA-PATCH or Equal 50 lb Pail		PAIL			#DIV/0!	
39	PERMA-PATCH or Equal, 60 lb Bag		BAG			#DIV/0!	
40	PERMA-PATCH or Equal, Pallet		PALLET			#DIV/0!	
41	PERMA-PATCH or Equal, Truckload of 750 Bags, 50 lb to 60 lb ea Bag		LOAD			#DIV/0!	
42	DOW Corning 888 Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz CRTG		PKG			#DIV/0!	
43	DOW Corning 888 Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
44	DOW Corning 890-SL Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz. CRTG		PKG			#DIV/0!	
45	DOW Corning 890-SL Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
46	SOPREMA Sopralene Flam 180 or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
47	SOPREMA Sopralene Flam Antirock or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
48	SOPREMA Sopralene Flam Antirock or Equal, Pallet		PALLET			#DIV/0!	
49	SOPREMA Elastocol 500 Primer or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
50	SOPREMA Elastocol 500 Primer or Equal, Pallet		PALLET			#DIV/0!	
51	SOPREMA ALSAN Flashing or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
52	SOPREMA ALSAN PolyFleece or Equal, 4"W x 50'L Roll		ROLL			#DIV/0!	
53	SOPREMA ALSAN PolyFleece or Equal, 6"W x 50'L Roll		ROLL			#DIV/0!	
54	SOPREMA ALSAN PolyFleece or Equal, 8"W x 50'L Roll		ROLL			#DIV/0!	
55	CRAFCO HP All Season Asphalt Cold Patch L or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
56	CRAFCO HP All Season Asphalt Cold Patch M or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
57	CRAFCO HP Concrete Cold Patch or Equal, 50 lb Bag		BAG			#DIV/0!	
58	CRAFCO Techcrete-R or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
59	CRAFCO Techcrete-TBR or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
60	CRAFCO Techcrete-TBR or Equal, Pallet	SealMaster, CrackMaster Mastic Gray	PALLET	4,875.00	50.00	97.50	Price per 2500 lb. pallet. / 50, 50 lb. bags per pallet.
61	CRAFCO Techcrete-TBR or Equal, Truckload	SealMaster, CrackMaster Mastic Gray	LOAD	74,250.00	900.00	82.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.)
62	CRAFCO Techcreteor Equal by Pallet, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	6,697.50	1.00	6,697.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
63	CRAFCO Techcreteor Equal by Truckload, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	110,025.00	1.00	110,025.00	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
64	CRAFCO Mastic One or Equal, 40 lb Box	SealMaster, CrackMaster Mastic Roads	BOX	42.00	1.00	42.00	Price per single 40 lb. block.
65	CRAFCO Mastic One or Equal, 25 lb Package		PKG			#DIV/0!	
66	CRAFCO Mastic One or Equal, Pallet	SealMaster, CrackMaster Mastic Roads	PALLET	1,730.40	56.00	30.90	Price per 2240 lb. pallet. / 56, 40 lb. blocks per pallet. // Price per 44,800 lb. Truckload w/o eqt. = \$1,344.00 per pallet.
67	CRAFCO Mastic or Equal by Pallet with Equipment	SealMaster, CrackMaster Mastic Roads w/ 250 or	LUMP	3,427.20	1.00	3,427.20	20 Pallets / Truckload (2240 lbs./pallet) (40 lb. blocks.) w/ 250 or 300 Gallon CrackPro Mastic Melter

ATTACHMENT A (ATT A) PRICING PAGE - Repair Products for Bridges & Roads 6621C024

Vendor's pricing shall include delivery to any job site located in **District 9**, which includes: Fayette County, Greenbrier, Monroe, Nicholas, and Summers Counties. If proposing an Equal item, Vendor SHALL provide Manufacturer's Brand Name, Part #, and Model# in column C below and shall submit manufacturer information with the bid for WVDOH Approval consideration.

It is preferred that the Vendor complete this attachment in Excel or other electronic spreadsheet format.

note: pricing pages are printable on 8.5"x14" paper **Vendor Name:**

#	Contract Item Requested (delivery included in price)	Proposed Equal's Brand Name/Model/ Part #	Unit of Measure	Unit Price \$	Number Units per	Unit Cost, per Pallet per UOM	Other Bulk Pricing - PALLET PRICES - MUST INCLUDE UNIT PRICE for each discount tier. Example: Buy 50lb bags
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Kit		KIT			#DIV/0!	
2	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Pallet		PALLET			#DIV/0!	
3	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 2 Gal, Cans		KIT			#DIV/0!	
4	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 10 Gal, Pails		PAIL			#DIV/0!	
5	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 110 Gal, Drums		DRUM			#DIV/0!	
6	SSI DECKSEAL Polymer Deck Sealant or Equal, Pallet		PALLET			#DIV/0!	
7	SSI RE-DECK Skid-Resistant Overlay or Equal, Kit		KIT			#DIV/0!	
8	SSI RE-DECK Skid-Resistant Overlay or Equal, Pallet 30 Kits		PALLET			#DIV/0!	
9	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, 1 cf Kit		KIT			#DIV/0!	
10	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, Pallet		PALLET			#DIV/0!	
11	IMCO MG-KRETE Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
12	IMCO MG-KRETE Regular or Equal, Pallet		PALLET			#DIV/0!	
13	IMCO MG-KRETE Fine or Equal, 45 lb Pail		PAIL			#DIV/0!	
14	IMCO MG-KRETE Fine or Equal, Pallet		PALLET			#DIV/0!	
15	IMCO MG-KRETE Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
16	IMCO MG-KRETE FLEX Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
17	IMCO MG-KRETE FLEX Regular or Equal, Pallet		PALLET			#DIV/0!	
18	IMCO MG-KRETE NO ODOR Regular or Equal, 50 lb Pail		BAG			#DIV/0!	
19	IMCO MG-KRETE NO ODOR Regular or Equal, Pallet		PALLET			#DIV/0!	
20	IMCO MG-KRETE NO ODOR Fine or Equal, 45 lb Pail		BAG			#DIV/0!	
21	IMCO MG-KRETE NO ODOR Fine or Equal, Pallet		PALLET			#DIV/0!	
22	IMCO MG-KRETE NO ODOR Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
23	IMCO MG-KRETE Flex Regular or Equal, 50 lb Bag		BAG			#DIV/0!	
24	IMCO High Temperature Retarder or Equal, Gal		GALLON			#DIV/0!	
25	IMCO Low Temperature Accelerator or Equal, Gal		GALLON			#DIV/0!	
26	IMCO D-TECH 470 Sealer or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
27	IMCO D-TECH 470 Sealer or Equal, Pallet		PALLET			#DIV/0!	
28	CHEM-CRETE PAVIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
29	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
30	CHEM-CRETE PAVIX CCC100 or Equal, 55-Gal Drum		DRUM			#DIV/0!	
31	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
32	CHEM-CRETE YUFIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
33	CHEM-CRETE YUFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
34	CHEM-CRETE SOFIX CCC100 or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
35	CHEM-CRETE SOFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
36	AQUAFIN-IC ADMIX or Equal, 6 Gal Bucket		BUCKET			#DIV/0!	
37	PERMA-PATCH or Equal 30 lb Pail		PAIL			#DIV/0!	
38	PERMA-PATCH or Equal 50 lb Pail		PAIL			#DIV/0!	
39	PERMA-PATCH or Equal, 60 lb Bag		BAG			#DIV/0!	
40	PERMA-PATCH or Equal, Pallet		PALLET			#DIV/0!	
41	PERMA-PATCH or Equal, Truckload of 750 Bags, 50 lb to 60 lb ea Bag		LOAD			#DIV/0!	
42	DOW Corning 888 Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz CRTG		PKG			#DIV/0!	
43	DOW Corning 888 Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
44	DOW Corning 890-SL Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz. CRTG		PKG			#DIV/0!	
45	DOW Corning 890-SL Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
46	SOPREMA Sopralene Flam 180 or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
47	SOPREMA Sopralene Flam Antirock or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
48	SOPREMA Sopralene Flam Antirock or Equal, Pallet		PALLET			#DIV/0!	
49	SOPREMA Elastocol 500 Primer or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
50	SOPREMA Elastocol 500 Primer or Equal, Pallet		PALLET			#DIV/0!	
51	SOPREMA ALSAN Flashing or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
52	SOPREMA ALSAN PolyFleece or Equal, 4"W x 50'L Roll		ROLL			#DIV/0!	
53	SOPREMA ALSAN PolyFleece or Equal, 6"W x 50'L Roll		ROLL			#DIV/0!	
54	SOPREMA ALSAN PolyFleece or Equal, 8"W x 50'L Roll		ROLL			#DIV/0!	
55	CRAFCO HP All Season Asphalt Cold Patch L or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
56	CRAFCO HP All Season Asphalt Cold Patch M or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
57	CRAFCO HP Concrete Cold Patch or Equal, 50 lb Bag		BAG			#DIV/0!	
58	CRAFCO Techcrete-R or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
59	CRAFCO Techcrete-TBR or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
60	CRAFCO Techcrete-TBR or Equal, Pallet	SealMaster, CrackMaster Mastic Gray	PALLET	4,875.00	50.00	97.50	Price per 2500 lb. pallet. / 50, 50 lb. bags per pallet.
61	CRAFCO Techcrete-TBR or Equal, Truckload	SealMaster, CrackMaster Mastic Gray	LOAD	74,250.00	900.00	82.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.)
62	CRAFCO Techcreteor Equal by Pallet, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	6,697.50	1.00	6,697.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
63	CRAFCO Techcreteor Equal by Truckload, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	110,025.00	1.00	110,025.00	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
64	CRAFCO Mastic One or Equal, 40 lb Box	SealMaster, CrackMaster Mastic Roads	BOX	42.00	1.00	42.00	Price per single 40 lb. block.
65	CRAFCO Mastic One or Equal, 25 lb Package		PKG			#DIV/0!	
66	CRAFCO Mastic One or Equal, Pallet	SealMaster, CrackMaster Mastic Roads	PALLET	1,730.40	56.00	30.90	Price per 2240 lb. pallet. / 56, 40 lb. blocks per pallet. // Price per 44,800 lb. Truckload w/o eqt. = \$1,344.00 per pallet.
67	CRAFCO Mastic or Equal by Pallet with Equipment	SealMaster, CrackMaster Mastic Roads w/ 250 or	LUMP	3,427.20	1.00	3,427.20	20 Pallets / Truckload (2240 lbs./pallet) (40 lb. blocks.) w/ 250 or 300 Gallon CrackPro Mastic Melter

ATTACHMENT A (ATT A) PRICING PAGE - Repair Products for Bridges & Roads 6621C024

Vendor's pricing shall include delivery to any job site located in **District 10**, which includes: McDowell, Mercer, Raleigh, and Wyoming Counties. If proposing an Equal item, Vendor SHALL provide Manufacturer's Brand Name, Part #, and Model# in column C below and shall submit manufacturer information with the bid for WVDOT Approval consideration.

It is preferred that the Vendor complete this attachment in Excel or other electronic spreadsheet format.

note: pricing pages are printable on 8.5"x14" paper **Vendor Name:**

Item #	Contract Item Requested (delivery included in price)	Proposed Equal's Brand Name/Model/ Part #	Unit of Measure	Unit Price \$	Number Units per	Unit Cost per Pallet per UOM	Other Bulk Pricing Example: Buy 50lb bags
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Kit		KIT			#DIV/0!	
2	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Pallet		PALLET			#DIV/0!	
3	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 2 Gal, Cans		KIT			#DIV/0!	
4	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 10 Gal, Pails		PAIL			#DIV/0!	
5	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 110 Gal, Drums		DRUM			#DIV/0!	
6	SSI DECKSEAL Polymer Deck Sealant or Equal, Pallet		PALLET			#DIV/0!	
7	SSI RE-DECK Skid-Resistant Overlay or Equal, Kit		KIT			#DIV/0!	
8	SSI RE-DECK Skid-Resistant Overlay or Equal, Pallet 30 Kits		PALLET			#DIV/0!	
9	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, 1 cf Kit		KIT			#DIV/0!	
10	SSI 900 PNS Nosing Expansion Opening Repair Matrl or Equal, Pallet		PALLET			#DIV/0!	
11	IMCO MG-KRETE Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
12	IMCO MG-KRETE Regular or Equal, Pallet		PALLET			#DIV/0!	
13	IMCO MG-KRETE Fine or Equal, 45 lb Pail		PAIL			#DIV/0!	
14	IMCO MG-KRETE Fine or Equal, Pallet		PALLET			#DIV/0!	
15	IMCO MG-KRETE Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
16	IMCO MG-KRETE FLEX Regular or Equal, 50 lb Pail		PAIL			#DIV/0!	
17	IMCO MG-KRETE FLEX Regular or Equal, Pallet		PALLET			#DIV/0!	
18	IMCO MG-KRETE NO ODOR Regular or Equal, 50 lb Pail		BAG			#DIV/0!	
19	IMCO MG-KRETE NO ODOR Regular or Equal, Pallet		PALLET			#DIV/0!	
20	IMCO MG-KRETE NO ODOR Fine or Equal, 45 lb Pail		BAG			#DIV/0!	
21	IMCO MG-KRETE NO ODOR Fine or Equal, Pallet		PALLET			#DIV/0!	
22	IMCO MG-KRETE NO ODOR Part B Liquid or Equal, for Regular or Fine, Gal		GALLON			#DIV/0!	
23	IMCO MG-KRETE Flex Regular or Equal, 50 lb Bag		BAG			#DIV/0!	
24	IMCO High Temperature Retarder or Equal, Gal		GALLON			#DIV/0!	
25	IMCO Low Temperature Accelerator or Equal, Gal		GALLON			#DIV/0!	
26	IMCO D-TECH 470 Sealer or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
27	IMCO D-TECH 470 Sealer or Equal, Pallet		PALLET			#DIV/0!	
28	CHEM-CRETE PAVIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
29	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
30	CHEM-CRETE PAVIX CCC100 or Equal, 55-Gal Drum		DRUM			#DIV/0!	
31	CHEM-CRETE PAVIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
32	CHEM-CRETE YUFIX CCC100 or Equal, 5 Gal Bucket		BUCKET			#DIV/0!	
33	CHEM-CRETE YUFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
34	CHEM-CRETE SOFIX CCC100 or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
35	CHEM-CRETE SOFIX CCC100 or Equal, Pallet		PALLET			#DIV/0!	
36	AQUAFIN-IC ADMIX or Equal, 6 Gal Bucket		BUCKET			#DIV/0!	
37	PERMA-PATCH or Equal 30 lb Pail		PAIL			#DIV/0!	
38	PERMA-PATCH or Equal 50 lb Pail		PAIL			#DIV/0!	
39	PERMA-PATCH or Equal, 60 lb Bag		BAG			#DIV/0!	
40	PERMA-PATCH or Equal, Pallet		PALLET			#DIV/0!	
41	PERMA-PATCH or Equal, Truckload of 750 Bags, 50 lb to 60 lb ea Bag		LOAD			#DIV/0!	
42	DOW Corning 888 Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz CRTG		PKG			#DIV/0!	
43	DOW Corning 888 Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
44	DOW Corning 890-SL Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz. CRTG		PKG			#DIV/0!	
45	DOW Corning 890-SL Silicone Joint Sealant or Equal, Pallet		PALLET			#DIV/0!	
46	SOPREMA Sopralene Flam 180 or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
47	SOPREMA Sopralene Flam Antirock or Equal, 39"W x 33'L Roll		ROLL			#DIV/0!	
48	SOPREMA Sopralene Flam Antirock or Equal, Pallet		PALLET			#DIV/0!	
49	SOPREMA Elastocol 500 Primer or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
50	SOPREMA Elastocol 500 Primer or Equal, Pallet		PALLET			#DIV/0!	
51	SOPREMA ALSAN Flashing or Equal, 5-Gal Bucket		BUCKET			#DIV/0!	
52	SOPREMA ALSAN PolyFleece or Equal, 4"W x 50'L Roll		ROLL			#DIV/0!	
53	SOPREMA ALSAN PolyFleece or Equal, 6"W x 50'L Roll		ROLL			#DIV/0!	
54	SOPREMA ALSAN PolyFleece or Equal, 8"W x 50'L Roll		ROLL			#DIV/0!	
55	CRAFCO HP All Season Asphalt Cold Patch L or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
56	CRAFCO HP All Season Asphalt Cold Patch M or Equal, 50 lb Bag	SealMaster, PatchMaster Cold Patch	BAG	756.00	56.00	13.50	896 bags = Truckload, Sold at \$11.00 /Bag
57	CRAFCO HP Concrete Cold Patch or Equal, 50 lb Bag		BAG			#DIV/0!	
58	CRAFCO Techcrete-R or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
59	CRAFCO Techcrete-TBR or Equal, 35 lb Bag	SealMaster, CrackMaster Mastic Gray	BAG	125.00	1.00	125.00	Price per single 50 lb. bag.
60	CRAFCO Techcrete-TBR or Equal, Pallet	SealMaster, CrackMaster Mastic Gray	PALLET	4,875.00	50.00	97.50	Price per 2500 lb. pallet. / 50, 50 lb. bags per pallet.
61	CRAFCO Techcrete-TBR or Equal, Truckload	SealMaster, CrackMaster Mastic Gray	LOAD	74,250.00	900.00	82.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.)
62	CRAFCO Techcreteor Equal by Pallet, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	6,697.50	1.00	6,697.50	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
63	CRAFCO Techcreteor Equal by Truckload, with Equipment	SealMaster, CrackMaster Mastic Gray w/ 250 or 300 Gallon Mastic Melter	LUMP	110,025.00	1.00	110,025.00	18 Pallets / Truckload (2500 lbs./pallet) (50 lb. meltable bags.) w/ 250 or 300 Gallon CrackPro Mastic Melter
64	CRAFCO Mastic One or Equal, 40 lb Box	SealMaster, CrackMaster Mastic Roads	BOX	42.00	1.00	42.00	Price per single 40 lb. block.
65	CRAFCO Mastic One or Equal, 25 lb Package		PKG			#DIV/0!	
66	CRAFCO Mastic One or Equal, Pallet	SealMaster, CrackMaster Mastic Roads	PALLET	1,730.40	56.00	30.90	Price per 2240 lb. pallet. / 56, 40 lb. blocks per pallet. // Price per 44,800 lb. Truckload w/o eqt. = \$1,344.00 per pallet.
67	CRAFCO Mastic or Equal by Pallet with Equipment	SealMaster, CrackMaster Mastic Roads w/ 250 or	LUMP	3,427.20	1.00	3,427.20	20 Pallets / Truckload (2240 lbs./pallet) (40 lb. blocks.) w/ 250 or 300 Gallon CrackPro Mastic Melter

ATTACHMENT B (ATT B) INFORMATION FORM
Asphalt/Concrete Repair Materials for Bridges/Roads

Vendor, Enter your Vendor Name:	ThorWorks Industries, Inc. / SealMaster
--	--

Vendor shall complete this form to supply key personnel contact information for use by Districts. This form does not dictate the staff for any particular District.

NOTE: Column C, D and E are to be completed ONLY by Vendors who bid on "Heated Materials With Equipment," contract Specs Sections 3.10.1.1 through 3.10.1.6

Column:	A	B	C	D	E
Vendor Information:	Ordering	Contract Manager	Name of Equipment bid for use With Heated Materials. If bidding Proposed Equal Heating Equipment, Vendor shall submit manufacturer's information with the bid.	Technical Support for Equipment Operation Instruction	Equipment Maintenance
Name	Jeremiah Stratton	Jeremiah Stratton	SealMaster Part #TR125DA - CrackPro 125DA Crack Seal Melter (Heated Hose Melter w/ Air Compressor)	Jeremiah Stratton	Jeremiah Stratton
Email Address	jstratton@sealmaster.net	jstratton@sealmaster.net	n/a	jstratton@sealmaster.net	jstratton@sealmaster.net
Phone Number	614-325-8754	614-325-8754	n/a	614-325-8754	614-325-8754
Fax Number	419-626-5477	419-626-5477	n/a	419-626-5477	419-626-5477
Physical Location Address	870 N. 20 th Street Columbus, OH 43219	870 N. 20 th Street Columbus, OH 43219	n/a	870 N. 20 th Street Columbus, OH 43219	870 N. 20 th Street Columbus, OH 43219

Asphalt/Concrete Repair Materials for Bridge/Roads
ATTACHMENT C - PRODUCT USE GUIDE

VENDOR NAME: ThorWorks Industries, Inc. / SealMaster

Vendor should submit this spreadsheet with the bid. This information is for use by the Districts and notintended to be for bid evaluation purposes.

Item #	Contract Item	Manufacturer's Intended/Recommended use with proven applications for repairs on:	Method of Application	Contract Manager Name, Phone #, and Email Address	Name & Description of Equipment for use with Heated Material bid (see ATTACHMENT B and Contract Section 3.10.1.1)
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Kit				
2	SSI SILSPEC Flexpatch Polymer Patching Mortar or Equal, Pallet				
3	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 2 Gal, Cans				
4	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 10 Gal, Pails				
5	SSI DECKSEAL Polymer Deck Sealant or Equal, Kit 110 Gal, Drums				
6	SSI DECKSEAL Polymer Deck Sealant or Equal, Pallet				
7	SSI RE-DECK Skid-Resistant Overlay or Equal, Kit				
8	SSI RE-DECK Skid-Resistant Overlay or Equal, Pallet 30 Kits				
9	SSI 900 PNS Nosing Expansion Opening Repair Material or Equal, 1cf Kit				
10	SSI 900 PNS Nosing Expansion Opening Repair Material or Equal, Pallet				
11	IMCO MG-KRETE Regular or Equal, 50 lb Pail				
12	IMCO MG-KRETE Regular or Equal, Pallet				
13	IMCO MG-KRETE Fine or Equal, 45 lb Pail				
14	IMCO MG-KRETE Fine or Equal, Pallet				
15	IMCO MG-KRETE Part B Liquid or Equal, for Regular or Fine, Gal				
16	IMCO MG-KRETE FLEX Regular or Equal, 50 lb Pail				
17	IMCO MG-KRETE FLEX Regular or Equal, Pallet				
18	IMCO MG-KRETE NO ODOR Regular or Equal, 50 lb Pail				
19	IMCO MG-KRETE NO ODOR Regular or Equal, Pallet				
20	IMCO MG-KRETE NO ODOR Fine or Equal, 45 lb Pail				
21	IMCO MG-KRETE NO ODOR Fine or Equal, Pallet				
22	IMCO MG-KRETE NO ODOR Part B Liquid or Equal, for Regular or Fine, Gal				
23	IMCO MG-KRETE Flex Regular or Equal, 50 lb Bag				
24	IMCO High Temperature Retarder or Equal, Gal				
25	IMCO Low Temperature Accelerator or Equal, Gal				
26	IMCO D-TECH 470 Sealer or Equal, 5 Gal Bucket				
27	IMCO D-TECH 470 Sealer or Equal, Pallet				
28	CHEM-CRETE PAVIX CCC100 or Equal, 5 Gal Bucket				
29	CHEM-CRETE PAVIX CCC100 or Equal, Pallet				
30	CHEM-CRETE PAVIX CCC100 or Equal, 55-Gal Drum				
31	CHEM-CRETE PAVIX CCC100 or Equal, Pallet				
32	CHEM-CRETE YUFIX CCC100 or Equal, 5 Gal Bucket				
33	CHEM-CRETE YUFIX CCC100 or Equal, Pallet				
34	CHEM-CRETE SOFIX CCC100 or Equal, 5-Gal Bucket				
35	CHEM-CRETE SOFIX CCC100 or Equal, Pallet				
36	AQUAFIN-IC ADMIX or Equal, 6 Gal Bucket				
37	PERMA-PATCH or Equal 30 lb Pail				
38	PERMA-PATCH or Equal 50 lb Pail				
39	PERMA-PATCH or Equal, 60 lb Bag				
40	PERMA-PATCH or Equal, Pallet				

41	PERMA-PATCH or Equal, Truckload 750 Bags, 50-60 lb/Bag			
42	DOW Corning 888 Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz. cartridges			
43	DOW Corning 888 Silicone Joint Sealant or Equal, Pallet			
44	DOW Corning 890-SL Silicone Joint Sealant or Equal, 6 pack, 29 fl Oz. cartridges			
45	DOW Corning 890-SL Silicone Joint Sealant or Equal, Pallet			
46	SOPREMA Sopralene Flam 180 or Equal, 39"W x 33'L Roll			
47	SOPREMA Sopralene Flam Antirock or Equal, 39"W x 33'L Roll			
48	SOPREMA Sopralene Flam Antirock or Equal, Pallet			
49	SOPREMA Elastocol 500 Primer or Equal, 5-Gal Bucket			
50	SOPREMA Elastocol 500 Primer or Equal, Pallet			
51	SOPREMA ALSAN Flashing or Equal, 5-Gal Bucket			
52	SOPREMA ALSAN PolyFleece or Equal, 4"W x 50'L Roll			
53	SOPREMA ALSAN PolyFleece or Equal, 6"W x 50'L Roll			
54	SOPREMA ALSAN PolyFleece or Equal, 8"W x 50'L Roll			
55	CRAFCO HP All Season Asphalt Cold Patch L or Equal, 50 lb Bag	Fills potholes in both asphalt and concrete. Ideal for full depth repair	Simply pour from bag and tamp, compact, or drive over with car wheels. No heating required. Cold applied material. PatchMaster can be applied in any weather.	Jeremiah Stratton, Director of D.O.T. Sales / Cell: 614-325-8754 Email: jstratton@sealmaster.net
56	CRAFCO HP All Season Asphalt Cold Patch M or Equal, 50 lb Bag	Packaged in 50 lb. weatherproof bags and 55-gallon drums Ideal for roads, streets, parking lots, driveways, and other pavement surfaces		
57	CRAFCO HP Concrete Cold Patch or Equal, 50 lb Bag			
58	CRAFCO Techcrete-R or Equal, 35 lb Bag	Flexible repair for joints, large cracks, spalls, and pot holes in asphalt and concrete.	CrackPro 300 Gallon Mastic Melter	Jeremiah Stratton, Director of D.O.T. Sales / Cell: 614-325-8754 Email: jstratton@sealmaster.net
59	CRAFCO Techcrete-TBR or Equal, 35 lb Bag	Flexible repair for joints, large cracks, spalls, and pot holes in asphalt and concrete.	CrackPro 300 Gallon Mastic Melter	Jeremiah Stratton, Director of D.O.T. Sales / Cell: 614-325-8754 Email: jstratton@sealmaster.net
60	CRAFCO Techcrete or Equal with Equipment	Flexible repair for joints, large cracks, spalls, and pot holes in asphalt and concrete.	CrackPro 300 Gallon Mastic Melter	Jeremiah Stratton, Director of D.O.T. Sales / Cell: 614-325-8754 Email: jstratton@sealmaster.net
61	CRAFCO Mastic One or Equal, 40 lb Box	The ideal product for large cracks, bridge joints, plug joints, manhole cover areas, utility joints and more. Mastic consists of rubberized asphalt binder and aggregate.	CrackPro 300 Mastic Melter	Jeremiah Stratton, Director of D.O.T. Sales / Cell: 614-325-8754 Email: jstratton@sealmaster.net
62	CRAFCO Mastic One or Equal, 25 lb Package			
63	CRAFCO Mastic or Equal with Equipment	The ideal product for large cracks, bridge joints, plug joints, manhole cover areas, utility joints and more. Mastic consists of rubberized asphalt binder and aggregate.	CrackPro 300 Gallon Mastic Melter	Jeremiah Stratton, Director of D.O.T. Sales / Cell: 614-325-8754 Email: jstratton@sealmaster.net
64	CRAFCO Matrix 501 Asphaltic Plug Bridge Joint System or Equal, 40 lb Box			
65	CRAFCO Matrix 501 Asphaltic Plug Bridge Joint System or Equal, Pallet			
66	BASF Masterflow 100 Construction Grout or Equal, 50 lb Bag			

67	BASF Masterflow 100 Construction Grout or Equal, Pallet			
68	MasterEmaco T 1060 or Equal 50 lb Bag			
69	BASF MasterEmaco T 1060 or Equal Pallet			
70	PHOSCRETE VO Vertical Overhead Repair Small Kit or Equal .083 cf Pail			
71	PHOSCRETE VO Vertical Overhead Repair Small Kit or Equal, Pallet			
72	PHOSCRETE VO Vertical Overhead Repair Kit or Equal, 0 .5 cf			
73	PHOSCRETE VO Vertical Overhead Repair Kit or Equal, Pallet			
74	PHOSCRETE VO Vertical Overhead Fast Set Ad Mix or Equal, 3.1 oz Kit			
75	PHOSCRETE SG Shotgun Repair or Equal, 22.5 cf Kit Pallet			
76	PHOSCRETE HC Horizontal Castable Repair or Equal, .45 cf Kit			
77	PHOSCRETE HC Horizontal Castable Repair or Equal, Pallet			
78	PHOSCRETE HC Horizontal Castable Repair or Equal, .083 cf Pail			
79	PHOSCRETE HC Horizontal Castable Repair or Equal, Pallet			
80	PHOSCRETE Fast-Set Admix or Equal, LARGE Pail - 24lbs/96 scoops			
81	PHOSCRETE Fast-Set Admix or Equal, SMALL Pail - 8lbs/32 scoops			
82	PHOSCRETE Primer Tub or Equal, 32 sq in at 1/4" layer			
83	PHOSCRETE Primer Pail or Equal, 4 sf at 1/4" layer			
84	PHOSCRETE Urethane Mixing Paddle or Equal, LARGE			
85	PHOSCRETE Urethane Mixing Paddle or Equal, SMALL			
86	SIKADUR® 31 Hi-Mod Gel, Epoxy Non-Sag Paste or Equal, 1 Gal Kit			
87	SIKADUR® 31 Hi-Mod Gel, Epoxy Non-Sag Paste or Equal, 3 Gal Kit			
88	SIKADUR® 31 Hi-Mod Gel, Epoxy Non-Sag Paste or Equal, Pallet			
89	SIKADUR® Crack Weld Crack Injectn Kits or Equal, Kit			
90	SIKADUR® Crack Weld Kits or Equal, Pallet of Kits			
91	SIKADUR® Crack Fix Resin or Equal, Carton 12, 10.7–11.0 cu. In Tube Cartridges			
92	SIKADUR® Crack Fix Resin or Equal, Pallet			
93	SEALTIGHT 3405 Hot Applied Polymeric Joint Sealant or Equal, 55 lb, 100 LF			
94	SEALTIGHT 3405 Hot Applied Polymeric Joint Sealant or Equal, Pallet			
95	CSL Si-COAT® 529AG™ Silicone Paint Anti-Corrosive/Graffiti or Equal, 1 Gal			
96	CSL Si-COAT® 529AG™ Silicone Paint Anti-Corrosive/Graffiti or Equal, 5 Gal			
97	CSL Si-COAT® 529AG™ Silicone Paint Anti-Corrosive/Graffiti or Equal, Pallet			
98	PAVEMEND SLQ Very Rapid Repair Mortar or Equal, 5 Gal Bucket			
99	PAVEMEND SLQ Very Rapid Repair Mortar or Equal, Pallet			
100	PAVEMEND 15.0 Rapid Repair Mortar or Equal, 5 Gal Bucket			
101	PAVEMEND 15.0 Rapid Repair Mortar or Equal, Pallet			
102	PAVEMEND VR Rapid Repair Mortar or Equal, 5 Gal Bucket			
103	PAVEMEND VR Rapid Repair Mortar or Equal, Pallet			
104	PAVEMEND SL Rapid Repair Concrete or Equal, 5 Gal Bucket			
105	PAVEMEND SL Rapid Repair Concrete or Equal, Pallet			
106	PAVEMEND SL Rapid Repair Concrete or Equal, 51.8 lb Bag			
107	PAVEMEND SL Rapid Repair Concrete or Equal, Pallet			
108	RHOMAR BLACK-MAX Cathodic Rust Arrestor or Equal, Case of 4, 1 Gal Jugs			
109	RHOMAR BRIDGE-CON Concrete & Metal Encapsulant or Equal, 12, 1 Qt. Bottles			
110	RHOMAR BRIDGE-CON Concrete & Metal Encapsulant or Equal 5 Gal Pails			

111	RHOMAR BRIDGE-CON Concrete & Metal Encapsulant or Equal- Pallet			
112	RHOMAR Pistol Grip Spray Gun or Equal for use with Bridge-Con or Equal			
113	RHOMAR Extension WAND 24" for Rhomar Pistol Grip Spray Gun or Equal			
114	RHOMAR BRIDGE-MATE Component Encapsulant RH-653-06 or Equal 6 Gal Pail			
115	RHOMAR BRIDGE-MATE RH-653-55 or Equal 55 Gal Drum			
116	RHOMAR BRIDGE-MATE RH-653-06 or Equal Pallet			
117	RHOMAR Public Works APPLICATOR for Bridge-Mate or Equal			
118	RHOMAR BRIDGE-TEC 2000 Concrete Protection Clear or Equal 5 Gal Pails			
119	RHOMAR BRIDGE-TEC 2000 Concrete Protection Clear or Equal Pallet			
120	RHOMAR TAGSTER Graffiti & Tagging Emulsifier or Equal 16oz Spray Bottles			
121	RHOMAR TAGSTER Graffiti & Tagging Emulsifier or Equal 5 Gal Pails			
122	RHOMAR TAGSTER Graffiti and Tagging Emulsifier, Pallet			
123	Chlor-Rid or Equal 1 Gal			
124	Chlor-Rid or Equal 5 Gal Pail			
125	Chlor-Rid or Equal 55 Gal Drum			
126	Chlor-Rid or Equal Pallet			
127	Skunkrust SR-17 or Equal 1 Qt spray bottle			
128	Skunkrust SR-17 or Equal Gallon Jug			
129	Skunkrust SR-17 or Equal Pallet			
130	Skunkrust SR-17 or Equal 55 Gal Drum			
131	D.O.T. Line Rapid Repair Concrete or Equal, 53.5 lb Bag			
132	D.O.T. Line Rapid Repair Concrete or Equal, Pallet			

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. REVIEW DOCUMENTS THOROUGHLY: The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. MANDATORY TERMS: The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. PREBID MEETING: The item identified below shall apply to this Solicitation.

A pre-bid meeting will not be held prior to bid opening

A **MANDATORY PRE-BID** meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing.

Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting
Revised 02/10/2021

are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR QUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below in order to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are nonbinding.

Submitted e-mails should have solicitation number in the subject line.

Question Submission Deadline: May 26, 2021 by 10:00am

Submit Questions to: John Estep
2019 Washington Street, East
Charleston, WV 25305
Fax: (304) 558-4115 (Vendors should not use this fax number for bid submission)
Email: john.w.estep@wv.gov

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. BID SUBMISSION: All bids must be submitted electronically through wvOASIS or signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the bid opening. Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via e-mail. Acceptable delivery methods include electronic submission via wvOASIS, hand delivery, delivery by courier, or facsimile.

The bid delivery address is:
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

A bid that is not submitted electronically through wvOASIS should contain the information listed below on the face of the envelope or the bid may be rejected by the Purchasing Division.:

SEALED BID:	Repair Products for Bridges and Roads (6621C024)
BUYER:	John Estep
SOLICITATION NO.:	CRFQ 0803 DOT2100000141
BID OPENING DATE:	June 9, 2021
BID OPENING TIME:	1:30 PM
FAX NUMBER:	304-558-3970

Revised 02/10/2021

The Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. Submission of a response to a Request for Proposal is not permitted in wvOASIS.

For Request For Proposal (“RFP”) Responses Only: In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal plus _____ convenience copies of each to the Purchasing Division at the address shown above. Additionally, the Vendor should identify the bid type as either a technical or cost proposal on the face of each bid envelope submitted in response to a request for proposal as follows:

BID TYPE: (This only applies to CRFP)

Technical

Cost

7. BID OPENING: Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery).

Bid Opening Date and Time: June 9, 2021 @ 1:30 pm

Bid Opening Location: Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

9. BID FORMATTING: Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

10. ALTERNATE MODEL OR BRAND: Unless the box below is checked, any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the

equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.

This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

11. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

12. COMMUNICATION LIMITATIONS: In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

13. REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

14. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

15. PREFERENCE: Vendor Preference may be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at:

<http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf>.

15A. RECIPROCAL PREFERENCE: The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: <http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf>.

16. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES: For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or

minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

17. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.

18. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in wvOASIS can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires, and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

19. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform, or lacks the integrity and reliability to assure good-faith performance.”

20. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.5. and § 148-1-6.4.b.”

21. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor’s entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled “confidential,” “proprietary,” “trade secret,” “private,” or labeled with any other claim against public disclosure of the documents, to include any “trade secrets” as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

22. INTERESTED PARTY DISCLOSURE: West Virginia Code § 6D-1-2 requires that the vendor submit to the Purchasing Division a disclosure of interested parties to the contract for all contracts with an actual or estimated value of at least \$1 Million. That disclosure must occur on the form prescribed and approved by the WV Ethics Commission prior to contract award. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

23. WITH THE BID REQUIREMENTS: In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.6. This authority does not apply to instances where state law mandates receipt with the bid.

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Division of Highways to establish an open-end contract to provide various rapid-setting mortar, concrete, asphalt, bridge surface, and other repair products for use in the preventive maintenance bridges and roadways at various locations statewide.

All responsible Vendors will be awarded a contract for this solicitation, per Section 5 of these contract specifications. At the time of need, the low-bid Vendor will be chosen by the ordering District based on low-bid Unit Price. Vendor pricing shall include material and delivery to any job site or any specified location. If Vendor is supplying discounts/price breaks for bulk purchase tiers, Vendor shall include the per Unit Cost breakdown on the Pricing Pages.

2. **DEFINITIONS:** The terms listed below shall have the following meanings assigned to them for the purpose of this solicitation. Additional definitions can be found in Section 2 of the General Terms and Conditions.

- 2.1 **“Contract Item(s)”, “Materials”, and “Pay Items”**– interchangeable terms for the item(s) available for Vendor to supply pricing as identified in Section 3 and referenced throughout.
- 2.2 **“ATTACHMENT A, Pricing Pages” and “ATT A”** – interchangeable terms for the MANDATORY FORM, available in wvOASIS or attached hereto, for supplying each Vendor’s schedule of prices and totals, used to evaluate the bid responses, and/or referenced by District(s) for ordering purposes.
- 2.3 **“ATTACHMENT B, Information Form” and “ATT B”** – interchangeable terms for the MANDATORY FORM, available in wvOASIS or attached hereto, which shall be completed by all Vendors to supply location and key personnel information. The ATT B shall also be completed by Vendors bidding on “Heated Materials With Equipment”.
- 2.4 **“ATTACHMENT C, Product Use Guide” and “ATT C”** – interchangeable terms for the MANDATORY FORM, available in wvOASIS or attached hereto, for each bidding Vendor to supply brief details of the uses of Contract Items bid, for reference by the Districts upon ordering.
- 2.5 **“Solicitation”** - official notice of an opportunity to supply the State with goods and/or services that is published by the West Virginia Purchasing Division.
- 2.6 **“WVDOH” and “Agency”**- interchangeable terms for West Virginia Division of Highways.

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

- 2.7 **“ASTM International” and “ASTM”** – interchangeable terms, formerly known as the American Society for Testing and Materials. Reference: www.astm.org.
- 2.8 **“AASHTO”** - American Association of State Highway and Transportation Officials. Reference: www.transportation.org.
- 2.9 **“PSI”** – pounds per square inch.
- 2.10 **“MSI”** – mega-pounds per square inch.
- 2.11 **“Contractor” or “Vendor”** - interchangeable terms that refers to any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the contract, as context requires.
- 2.12 **“Standard Specs”** - the West Virginia Department of Transportation, Division of Highways Standard Specifications, Roads and Bridges, adopted latest edition, as amended/modified by any subsequent annual Supplemental Specifications.
- 2.13 **“AASHTO”** – American Association of State Highway Transportation Officials. Reference: www.transportation.org.
- 2.14 **“Emergency Work” and “Emergency Requests”** – interchangeable terms for the delivery of goods and/or services (as designated by Agency District Engineer or his designee at a minimum), which must be done without delay by the Vendor based on Agency need and owing to circumstances for which the Agency could not have reasonably expected.
- 2.15 **“F.O.B. Destination”** - Free-on-Board Destination” - a Vendor or its designee bears the freight charges, owns the goods while in transit, and will deliver goods to the location specified on the Delivery Order via truck/other conveyance without any expense to the purchaser. The bid price for Materials shall include Delivery at the Vendor’s expense.
- 2.16 **“Liquidated Damages”** - monetary compensation due from the Vendor in the event the Vendor’s performance falls short of contractual stipulation or breaches the contract. Delays in the delivery of goods and/or services or quality failures or corrections by the Vendor may result in the Agency assessing charges for such deficiencies per these contract specifications and the Standard Specs Section 108.7, as amended, and calculated from the table posted at the WVDOH Contract Administration’s Specifications and Documents website:
<https://transportation.wv.gov/highways/contractadmin/specifications/Pages/LiquidDatedDamages.aspx>

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

3. GENERAL REQUIREMENTS:

- 3.1 Specifications:** The following Sections of the Standard Specs shall apply to the administration of this contract: 101, 102, 103, 104, 105, 106, 107, 108, 109, and 110, as amended.

A hard copy of the current Standard Specs may be purchased at a cost of \$20.00 (\$15.00 for the current book plus \$5.00 for the Supplemental Latest Edition) using the attached Standard Specifications Order Form. The completed form should be submitted by email to DOTSpecifications@wv.gov or mailed to:

West Virginia Division of Highways
Contract Administration
Building 5, Room 840
1900 Kanawha Boulevard, East
Charleston, West Virginia 25305

A free electronic copy of the Standard Specs may be obtained by sourcing:
<http://www.transportation.wv.gov/highways/contractadmin/specifications/2017StandSpec/Pages/default.aspx>

- 3.2 Contract Items and Mandatory Requirements:** The Vendor should carefully read this entire invitation to bid. This is a *new* invitation for bids. Nonetheless, Vendor shall note that even on rebids of former solicitations, the Specifications are likely to have been modified throughout since the Agency last bid the commodity. Omitting any mandatory/required forms or Attachments, or documentation described throughout the Terms and Conditions and/or Specifications may result in immediate disqualification of the bid, in part or whole. A *whole* bid package shall include, at a minimum:

- _ The *completed* bid invitation/solicitation document,
- _ All Signature Pages located in the Instructions to Vendors, General Terms and Conditions, and the Contract Specifications
- _ Contract Manager page **with name, email, phone number, etc.**
- _ All pricing related ATTACHMENTS:
 - _ ATT A (preferably done in an **electronic spreadsheet** format, like Excel)
 - _ ATT B
 - _ ATT C
- _ Purchasing Affidavit
- _ Ethics Disclosure
- _ Addendum Acknowledgement form(s)

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

All other necessary supportive documentation, forms, or information required as stated herein.

The Agency may deem a bid non-responsive for failure to submit with the bid, any of the required documents notated above/detailed herein.

On a continuing basis, an awarded Vendor shall supply Contract Items, in single unit, full or partial pallet, truckload, or other quantities specified herein, for use in various horizontal/vertical surface repairs on bridge structures, roadways, bridge decks, expansion joints, approaches, etc., per WVDOH Delivery Order and manufacturer recommendations. At its own discretion, all proposed equivalent or "Equal" Contract Items shall be subject to approval by the WVDOH District Engineer or his designee who shall determine which Contract Items, if any, shall be purchased. Vendor's delivery of Contract Items, with or without heating equipment, shall be F.O.B. to destination. Further details and instruction are included throughout this contract and in the Bid Instructions Section following the MATERIALS Section:

MATERIALS: The following materials are to be provided under this contract.

3.2.1 SSI SILSPEC® Flexpatch Polymer Patching Mortar or Equal shall be a three-component (polymer resin, curing agent, engineered, graded aggregates), 100% solids, high-strength, non-shrink, water-proof, abrasion resistant, non-conductive, semi-flexible patching material that will adhere to concrete and steel and require no external application of heat for curing, and shall meet/exceed the following:

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 Permeability:	1.0 max Coulombs	AASHTO T-277
Resilience:	70% min	OK/OHD L6
Thermal Compatibility:	Pass	ASTM C 884
Cure to accept traffic:	No less than four hours min., Substrate at 70° F	
Min. substrate temperature shall be	40° F	
Shelf Life:	No less than 1 year min. stored between 50°F and 90°F, unopened	

3.2.2 SSI DECK SEAL Polymer Deck Sealant or Equal shall be a polymer based sealing material designed for crack and surface sealing, containing fluorescent tracer dye which shall illuminate under black light providing evidence of penetration, and shall meet/exceed the following:

Chloride Ion Penetration:	0% @ 90 Days Ponding	AASHTO T-259
Bond Strength:	2,220 PSI min 14 Days	ASTM C 882

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Brookfield Viscosity: <50 cps ASTM C 881
Water Absorption: 0.74 % max 24 hours ASTM C 570
Tensile Strength: 3,000 ASTM D 638
Elongation @ Break: 4% min ASTM D 638
V.O.C.: <250g/L
Typical Coverage: 90 sq. ft. to 150 sq. ft. per gallon
Shelf Life: Unopened shall be no less than one year, min.

- 3.2.3 SSI RE-DECK Skid-Resistant Overlay or Equal** shall be a solvent-free, moisture insensitive, 100% solid, low modulus, urethane-epoxy bonding agent that when broadcast with select aggregate shall form a skid-resistant overlay, and shall meet/exceed the following:

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: Negligible ASTM C 883
Absorption: 0.20% ASTM D 570
Chloride Ion Perm: 0.9 Coulombs AASHTO T-277
Shore D Hardness: 70 ASTM D 2240
Thermal Compatibility: Pass ASTM C884
Brookfield Viscosity: 1,500 cps RV3 @ 20 rpm ASTM C 881
Typical Coverage: 40 sq. ft./gallon first course with 10 lbs./sq. yd aggregate and 20 sq. ft./gallon second course with 14 lbs/ sq. yd. aggregate.

- 3.2.4 SSI 900 Polymer Nosing System or Equal** shall be a 100% non-volatile, two-component, rapid-curing, liquid polymer that cures to a dense, semi-flexible, weather abrasion and impact resistant polymer mortar for the construction or repair of expansion and construction joints on bridge and parking decks. The SSI 900 Polymer Nosing System's or Equal's polymer shall be mixed with SILSPEC 900 Blended Aggregate or Equal to form a polymer-based mortar for nosing or joint repair and able to be cured in the "neat" form as a combination sealant primer and protective coating for steel, and shall meet/exceed the following typical physical properties:

Combined Liquid Components*
Mixing Ratio: 1:1 By Volume
Viscosity: 15-25 Poises (Spindle No. 2, ASTM D 2393 30 RPM, 25° C. ±2°)
Color: Black
Gel Time: 15-25 minutes AASHTO M-200-73
Elongation: 45-65 percent ASTM D 638#
Tensile Strength Min. PSI: 2000 ASTM D 638#
Shore D Hardness @ 77° F /25° C. 65-75 ASTM D 2240

*Test Method Type 1, Molded Specimens, 6.4 mm (.25 in) Thickness

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Cured Mortar	
Compressive Strength PSI @ 24 hrs. (Method B) 3000 Min	ASTM C 579
Bond Strength PSI: 2000 Min	ASTM C 882
Abrasion Resistance Wear Index (Taber H-22) 1.0 Max	ASTM C 501

3.2.5 IMCO MG-KRETE Regular, Fine, or Equal shall be a two-component, Part A* and Part B*, high-early-strength structural repair material with no critical mixing ratios, designed to be used to repair concrete, for deep to shallow holes, suitable for feathering, being poured into forms, troweled vertically, be self-priming, rapid cure, allowing return to service in 30 minutes with no shrinkage, able to bond to construction materials such as, but not limited to, concrete, wood, steel, and asphalt, and shall meet/exceed the following characteristics:

Water Absorption:	Waterproof
Compression Strength:	45 Minimum 2,610 psi
	24 hours 4,148 psi
	7 days 5,815 psi
	28 days 11,194 psi
Temperature Limits:	14° F (w/accelerator) to 100° F (w/retarder)
Initial Set Time at 68°F:	15 minutes
Shelf Life:	6 months min, stored away from direct heat.
Toxicity:	Non-Toxic
Clean up:	With water

*Part A shall be a cementitious product.

*Part B or shall be a liquid activator product, also used to make the repair material easier to pour into forms.

3.2.6 IMCO MG-KRETE NO ODOR Regular, Fine, or Equal shall be a two-component, Part A* and Part B*, high-early-strength structural repair material with no critical mixing ratios, designed to repair deep to shallow holes in concrete, be self-priming, suitable for feathering, being poured into forms or troweled vertically/overhead with rapid-cure and return to service in 60 minutes with no shrinkage, able to bond to construction materials such as, but not limited to, concrete, wood, steel, asphalt, and shall meet/exceed the following:

Water Absorption:	Waterproof
Compression Strength:	45 Minimum 1,500 psi
	24 hours 2,600 psi
	7 days 3,800 psi
	28 days 7,800 psi
Temperature Limits:	40° F (w/accelerator) to 100° F (w/retarder)
Initial Set Time at 68°F:	25 minutes
Shelf Life:	12 months min, stored away from direct heat

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Non-Toxic

Cleans up with water

*Part A shall be a cementitious product.

*Part B shall be a liquid activator product, also used to make the repair material easier to pour into forms.

3.2.7 IMCO MG-KRETE FLEX Regular or Equal shall be similar to IMCO MG-KRETE but may be used where repair material may be subject to flexure.

3.2.8 IMCO High Temperature Retarder or Equal shall be a powder additive that can be added to the other IMCO MG-Krete Contract Items or Equal per manufacturer recommendations, to extend working time when temperature rises above 77°F to a maximum of 113°F.

3.2.9 IMCO Low Temperature Accelerator or Equal shall be a powder additive that may be added to MG KRETE Contract Items or Equal to accelerate cure when ambient temperature drops below 50°F and may be used to help cure in temperatures from as low as 15°F or as low as 40°F minimum when added to specified IMCO MG-Krete Contract Items or Equal, per manufacturer recommendations.

3.2.10 IMCO D-DECK 470 SEALER or Equal shall be a ready-to-use, clear, water-based, penetrating sealer for application to the surface of concrete, above or below grade, shall penetrate deeply into the capillary pores of the concrete and crystallize to become part of the concrete, and shall meet/exceed the following:

Increase concrete density and hardness

Prevent chemical corrosion and physical abrasion of treated surface

Effective in reducing freeze-thaw spalling

Treatment shall be permanent and not require subsequent re-application

Effective negative side waterproofing of hydrostatic head over 115 feet

Reduce or eliminate efflorescence and leaching in concrete

Effective barrier of water-vapor emission without loss of breathability

Solvent-free, odor-free

Non-toxic

Non-flammable

Improve bonding of cementitious toppings

Ultra-violet stability

Does not change the appearance of the concrete

Two light coats 300-400 sq. ft. per gallon depending on porosity and surface profile of substrate

Application by brush, roller or sprayed

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

3.2.11 CHEM-CRETE PAVIX CCC100 or Equal shall be a ready-to-use, clear, water-based, penetrating sealer for application to the surface of concrete, above or below grade, providing concrete moisture protection, and shall meet/exceed the following:

Specific Gravity: 1.1
Seals Cracks: Up to 1/16 inch
Viscosity: 2.4 centipoises
Freeze Point: 28°F
Hazardous to Environment: No
No Toxic Fumes
Non-Flammable
Shelf Life: Unopened shall be no less than one year, min.

3.2.12 CHEM-CRETE YUFIX CCC100 or Equal shall be a clear, water-based, catalyzed, non-hazardous, deep penetrating, water repellent product and sealer, for all above grade vertical concrete and masonry substrates, that will not alter color, texture, or appearance of a surface reacting with CO² from the atmosphere, shall become a part of concrete or masonry substrate, permanently sealing concrete and masonry substrate pores, blocking ordinary capillary action of water, and shall meet/exceed the following:

Specific Gravity: 1.06
ASTM C-666 Freeze Thaw 150 cycles: 4.14 grams/ft²
V.O.C. Content: Zero
Non-Toxic
Non-Flammable
Odorless
Non-Staining
Non-Film Forming

3.2.13 CHEM-CRETE SOFIX CCC100 or Equal shall be a water-based, catalyzed-chemicals product that will permanently eliminate moisture transmission through concrete structures and meet/exceed the following:

Specific Gravity: 1.07
ASTM C-666 Freeze Thaw 150 cycles: 4.14 grams/ft²
V.O.C. Content: Zero
Non-Toxic
Non-Flammable
Odorless
Non-Film Forming Hydrophilic Moisture
ASTM C 1218: Chloride Penetration: Passed
ASTM C 044: Abrasion Resistance: 1.17 grams/ft²
ASTM E 96-95: Water Vapor Trans.: 82% Reduction

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

ASTM D 4541: 400 PSI
ASTM E 303: Skid Resistance: No Effect
Depth of Penetration: 192 mils average

3.2.14 AQUAFIN-IC ADMIX or Equal shall be a liquid, water-proofing additive for concrete, consisting of a water based suspension of inorganic, water-proofing agents which can be added during the batching process or in a ready-mix truck at a job site to seal hairline cracks up to 1/64" to become an integral part of the concrete, that will allow concrete to breathe, have a negligible effect on water reducers, plasticizers, slump, air entrainment, and shall meet/exceed the following:

Form: Liquid -creates an easier homogenous mixing with no clumping
Resist extreme head pressure 460 ft. or 200 psi
V.O.C. Content: Zero
Non-Toxic
Non-Chloride
Non-Corrosive to Steel
Working Temperature: >40°F
PH: 10-12

3.2.15 PERMA-PATCH or Equal shall be an all season, pre-mixed, cold asphalt patching material, composed of a blend of polymers, pressure sensitive plastics and angular limestone aggregate, to repair holes in asphalt or concrete in any weather condition, and shall meet/exceed the following:

Ready-to-use product
Color: Black
Requires no primer, no tack coat
Asphalt Content: 5.2% ASTM D 2172-92
Coverage: 10 lbs/sf @ 1" lift, 1.4 tons/cy
Temperature: -5°F to 105°F
Cure: Dynamic Pressure
Aggregate: 1/4" max. angular limestone
V.O.C. Content: 0.1% volume by weight
Shelf Life: no less than two years, min., in a dry/covered area, unopened

3.2.17 DOW Corning 888 Silicone Joint Sealant or Equal shall be a one-part, cold applied silicone that cures to a durable, flexible, low-modulus silicone, rubber joint sealant for new/remedial joint sealing applications in concrete cement, and shall meet/exceed the following:

Color: Gray
Specific Gravity: 1.45-1.515
Skin-Over Time: 10 min. @ 77°F

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Tack-Free Time: 60 min. @ 77°F
Cure Time: 7-24 days @ 77°F
Full Adhesion: 14-21 days
After 7 day cure @ 77°F and 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%

3.2.18 DOW Corning® 890-SL Silicone Joint Sealant or Equal shall be a one-part, cold applied, self-leveling silicone that cures to an ultra-low-modulus silicone rubber upon exposure to atmospheric moisture, for new/remedial joint sealing applications in concrete cement and shall meet/exceed the following:

Color: Dark Gray
Flow, Sag, Slump: Self-Leveling
Percent Solids: 96% minimum
Specific Gravity: 1.26-1.34
Skin-Over Time: 60 min. @ 77°F
Cure Time: 14 days @ 77°F
Full Adhesion: 14-21 days
After 21 day cure @ 77°F and 50% RH
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
+00/-50%, 10 Cycles: No Failure
Adhesion to Concrete
Minimum Elongation: +600%
Adhesion to Asphalt
Minimum Elongation: +600%

3.2.19 SOPREMA Sopralene Flam 180 or Equal shall be a base-sheet membrane composed of SBS modified bitumen and a non-woven polyester reinforcement

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

with a thermofusible plastic film on both sides that can be heat-welded in a waterproofing assembly to adhere to the substrate and shall meet ASTM D 6164 Type 1, Grade S values and the following heat conditioning/characteristics:

	Before	After
Tensile-Max Load at 0 ± 3.6° lbf/in	117	83
Elongation at 0 ± 3.6°F	29	22
Tensile-Max Load at 73.4 ± 3.6°F lbf/in	70	70
Elongation at 73.4 ± 3.6°F %	56	61
Tear Strength at 73.4 ± 3.6°F lbf	120	87
Low Temperature Flex °F max	-15	-15
Dimensional Stability % max	<0.5	<0.5
Compound Stability Temp F	250	250

3.2.20 SOPREMA Sopralene Flam Antirock or Equal shall be composed of SBS modified bitumen on non-woven polyester reinforcement with a plastic burn-off film on the bottom side and colored granules on the top surfaces, applied as the finish ply in a heat-welded waterproofing assembly, and shall meet ASTM D 6164 Type 1, Grade G values and the heat conditioning/other characteristics as follows:

	Before	After
Tensile-Max Load at 0 ± 3.6° lbf/in	117	83
Elongation at 0 ± 3.6°F	29	22
Tensile-Max Load at 73.4 ± 3.6°F lbf/in	70	70
Elongation at 73.4 ± 3.6°F %	56	61
Tear Strength at 73.4 ± 3.6°F lbf	120	87
Low Temperature Flex °F max	-15	-15
Dimensional Stability % max	<0.5	<0.5
Compound Stability Temp F	250	250
Granule Embedment g/max	0.8	0.8

3.2.21 SOPREMA Elastocol 500 Primer or Equal shall be an elastomeric, bitumen, solvent product that increases adhesion of the membrane when applied to dry, clean concrete substrate by brush/roller/spray at an application rate of 100 – 150 ft², and shall meet ASTM D 41.

3.2.23 SOPREMA ALSAN Flashing or Equal shall be a polyurethane/bitumen resin, moisture-cured, low solvent, UV resistant, single component compound compatible with Soprema SBS modified bitumen membranes, to be applied with brush/roller in two to three layers, and shall meet/exceed the following:

Tensile Strength: 368 psi	ASTM D 412
Tensile Elongation: 672%	ASTM D 412
Peel Strength of Adhesive Bond: 23.0	ASTM D 903

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Shore A Hardness: 74
Dry Time: 2-12 hours

ASTM D 2240

3.2.24 SOPREMA ALSAN PolyFleece or Equal shall be a high-performance, flexible, non-woven, spun-laced, polyester fabric reinforcement that saturates the elastomeric coatings and epoxy primers, and if combined with Soprema Sopralene Flam Antirock or Equal, forms a watertight, puncture and UV resistant liquid flashing or membrane, and shall meet/exceed the following:

Color:	White
Fiber Content:	100% Polyester
Construction:	Stitch Bond
Weight:	2.4 oz/sy
Nominal Thickness:	30 mils
Mullen Burst psi	70 lbs.

3.2.25 Crafc0 HP All Season Asphalt Cold Patch or Equal shall be: a black, cold-applied, single-component, pavement-patching material for repairing potholes, asphalt spalls/cracks/other asphalt voids/distresses greater than 1½" wide, adheres on cold and damp asphalt, requires no mixing, heating, or special application equipment, develops strength after compaction by tampers/vehicle tires/traffic making it suitable for use in throw-and-go repair situations, available in two grades, one for temperatures less than 40°F (Patch L), and a grade for greater than 40°F, (Patch M), and shall meet the following:

Aggregate: Aggregate shall be composed of quality, crushed, construction grade aggregate with a minimum of 95% of particles having at least two crushed faces, with a maximum L.A. Abrasion loss of 35% and shall meet the following:

Gradation Limits:

Sieve	% Passing
½ inch	100%
3/8 inch	90-100%
No. 8	5-35%
No. 16	0-20%
No. 30	0-15%
No. 200	0-5%

Cold Mix Asphalt Binder:

Flash Point	200°F min.
Viscosity, 275°F	325-800 cp
Distillation	Volume % Original Sample
437°F	0.0%
500°F	0-5%

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

600°F	5-20%
680° F	4-88%

Mix Design will vary slightly depending on aggregate characteristics. Binder content will range from 4.5% to 5.8% by total mix weight. Mix shall achieve 98% minimum aggregate coating, workability at 40°F.

3.2.26 Crafc HP Asphalt Cold Patch L or Equal shall be for application when the weather is less than 40°F.

3.2.27 Crafc HP Asphalt Cold Patch M or Equal shall be for application when the weather is greater than 40°F.

3.2.28 Crafc HP Concrete Cold Patch or Equal shall be a cold applied, single-component thermoplastic binder and aggregate, durable patching material suitable for repairing potholes/spalls/cracks/other confined cement voids/distresses greater than 1" wide and greater than ½" deep, shall adhere permanently to concrete during wet/cold/hot weather conditions and for use between 30°F and 100° F, requires no mixing, heating or special application equipment, allows traffic opening immediately after compacting, and shall meet/exceed the following:

Color:	Gray
Compacted in Place Weight:	125 pcf unit weight
Compacted in Place Density:	2.0
Volume per Bag:	0.40 cu ft
Workability:	30° to 100°F
Aggregate Size:	100% passing 3/8 inch
Aggregate Durability:	40% maximum Loss
Binder Coating Durability:	95% minimum

3.2.29 Crafc or Equal "Heating Equipment With Materials": If the WVDOH District Engineer/his designee needs Contract Item materials that require heating/melting, such as fiber asphalt sealant, rubber joint and crack sealant, and/or mastic or Equal, refer to Contract Items Crafc Techrete, Techrete TBR, Mastic, and/or Matrix 501 Asphaltic Plug Bridge Joint System or Equal – all available by truckload or pallet with Equipment use. The District shall issue a Delivery Order stating Contract Items and the unit of measure desired "with the heating equipment" desired from the list below or the WVDOH approved Equal, and include the delivery location, and timeframe of need, refer to Section 6 and 6.2 for additional ordering details:

Crafc Super Shot 125 Gal. Double Drum Diesel Melter or Equal - Exhibit 1
Crafc Patcher I or Patcher II or Equal - Exhibit 2

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

NOTE: Vendors bidding materials *with* heating equipment via the ATT A/ Pricing Pages, shall name the equipment on the ATT B, and complete ATT C (refer to Sections 2.3, 5.2.2, 2.4 and 5.2.3 respectively). All Vendors shall complete Attachments A, B, and C as indicated, for use/reference by the Districts, following award. The manufacturer's technical documentation for heating equipment or Equal that includes associated materials for use bid by Vendor shall be submitted *with the bid* for WVDOH approval consideration.

- 3.2.29.1 Heating Equipment with Materials Pricing:** Vendor Pricing supplied on ATT A shall include Contract Items/materials plus the heating equipment, F.O.B delivery, operator training for WVDOH, and maintenance of the heating equipment.
- 3.2.29.2 Heating Equipment Use Period:** When heating equipment with Material is ordered by the WVDOH, Vendor shall deliver to the WVDOH's ordering District/job site, for the use-period defined by WVDOH on its Delivery Order. A use-period for WVDOH may be as much as one-hundred eighty (180) calendar days at a time, beginning on the delivery date. Successive and revised use-periods may be requested via further Delivery Orders as needed by WVDOH. In the event that a District requests a successive period of use to complete a project, the Vendor shall not charge the WVDOH any additional fees. Counties are identified on each District's Pricing Page. As dictated by the needs of the WVDOH, it is possible that a heating equipment use-period may exceed the contract's expiration date in order to allow the District to complete work previously started with no additional charge.
- 3.2.29.3 Heating Equipment Inspection Upon Delivery:** Both parties shall do a post-delivery inspection of the equipment, each in the witness of the other. WVDOH shall reserve the right to reject any equipment which it deems unsafe or unusable for any reason. In such case, Vendor shall supply a replacement exchange immediately thereafter as per the request of WVDOH. Equipment shall be rented with a full fuel tank and returned by WVDOH with a full fuel tank. WVDOH shall follow Agency protocol for inspection completion, see Form SM-93, Exhibit 3.
- 3.2.29.4 Heating Equipment Exchanges:** The WVDOH shall not assume liability for faulty/inoperative/recalled equipment. If equipment is recalled or fails to function at the time the WVDOH attempts to use it, as directed by WVDOH, the Vendor shall promptly provide equipment pickup and exchange to avoid causing delays/downtime in WVDOH production at no additional charge to the Agency.

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

- 3.2.29.5 Heating Equipment Training & Technical Support:** In any location with the WVDOH, the Vendor shall comply with Section 4, Pandemic-Response Safety Protocols. If technical support is required, Vendor shall provide on-site service for the WVDOH locations within two hours of being contacted by WVDOH and at no additional charge to the Agency.
- 3.2.29.6 Heating Equipment Phone Support for WVDOH:** For matters related to the use or ordering of heating equipment , the Vendor's key personnel/designee as supplied on ATT B shall be available to assist the WVDOH during weekdays from 8:00 am to 5:00 pm EST for WVDOH and shall respond to WVDOH inquiries within twenty-four (24) hours. Vendor shall inform the WVDOH in writing of changes in key personnel/contact information within ten (10) calendar days of such changes.
- 3.2.29.7 Heating Equipment Unloading/Retrieval Arrangements:** In conjunction with Section 6.2, the ordering District shall issue a written Delivery Order, identifying the period of use timeframe and delivery location/job site for materials with heating equipment. Vendor shall respond in writing to the ordering WVDOH District to verify receipt of the order. In order to arrange timing and staff to accept the delivery, prior to departing, the Vendor shall coordinate with WVDOH to confirm the respective delivery timeframe and unload/load location, and arrange delivery/retrieval as dictated by WVDOH and congruent with the Delivery Order, from Monday through Friday working-days, between 7:30 am and 4:00 pm EST.
- 3.2.29.8 Heating Equipment Maintenance/Repairs:** As part of maintenance of the operational condition of the heating equipment, Vendor shall provide and install oil and lubricants, per the manufacturer's requirements as necessary for the operation and use of the heating equipment and its components, such as, but not limited to, fluid levels, safety evaluation, and visual inspection of the equipment components. The WVDOH does not dictate the requirements of the Vendors' maintenance requirements. In the event that the heating equipment requires service or repairs while in the possession of the WVDOH, the WVDOH shall report such to the Vendor and the Vendor shall maintain equipment on-site at the WVDOH location/job site as needed. In any location with the WVDOH, the Vendor shall comply with Section 4, Pandemic-Response Safety Protocols. During the period of use, at its own expense, the WVDOH shall provide fuel for the heating equipment.

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

3.2.29.9 Heating Equipment Supply: Vendor shall maintain adequate supply of equipment for each ordering District and *without* the expectation that any one equipment unit be shared amongst other WVDOH Districts. Equipment shall be operated by WVDOH per manufacturer recommendations and per Vendor's training, provided either at the time of delivery and/or at a coordinated in-service at the WVDOH location/job site.

3.2.29.10 Heating Equipment Repair or Replacement Parts: The WVDOH shall reimburse the Vendor for the repair or replacement of any part of the equipment that is destroyed, damaged, or made inoperative because of ordinary negligence, abuse, or improper operation by its personnel. The WVDOH shall not be responsible for any such parts replacement or repair caused by an or equipment recall or defect in equipment or resulting from normal usage.

NOTE: For heating equipment and/or Contract Items, no order estimates are available, and no use is guaranteed by the WVDOH.

3.2.30 Crafcro TechCrete Fibre Mastic or Equal shall be hot-applied, flexible mastic sealant compound made of polymer-modified synthetic resin containing chopped fiberglass, fillers, fine high-quality aggregate and 0.5-1.0% steel fiber, designed to be melted and used in sealing wide cracks and joints of Portland Cement Concrete pavement/Asphalt Concrete pavement distresses to produce an impervious, impact-resistant, load-bearing, flexible repair that shall withstand vehicle traffic movement and climatic conditions, that requires field mixing and blending, Crafcro TechCrete Fibre Mastic or Equal shall be supplied in powder/granulated form in meltable bags to be placed in an approved melter like Crafcro Patcher I, II, or Equal, where it is mixed and heated to the required installation range, then poured into the pavement section with structural aggregate as specified in manufacturers installation instructions, then allowed to cool and solidify prior to opening to traffic. TechCrete Fibre Mastic or Equal **WITHOUT** structural aggregate shall be designed for treating wide cracks and joints with a minimum joint of 1.5 to 4 inches wide and up to 4 inches wide and up to full-depth repairs, and if used **WITH** structural aggregate, shall be designed for treating wide cracks and joints greater than or equal to 2 inches wide and greater than or equal to 2 inches deep up to full-depth repairs. In addition to the above, TechCrete Fibre Mastic or Equal shall meet/exceed the following:

Color: gray	
Cone Flow, 3 hrs. @ 158°F, TEX-549-C	4% max.
Tensile Strain to Failure, TEX-551-C, peak load .75in., 2in/minute strain	50 lb min.

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Aggregate Settlement, TEX-547-C	35% min.
Resilience, TEX-550-C	3% (2.3 mm)
Flexibility	50% min.
Minimum Application Temperature	330 °F
Maximum Heating Temperature	360°F
Shelf life	2 years

3.2.31 Crafcro TechCrete-R, "TC-R" or Equal, Part Number 34952 or Equal, shall contain a pre-measured, pre-mixed combination of proprietary binder and fine aggregates, designed for use in shallow repairs, with edge feathering, for treating wide cracks and joints with a minimum width of 1.5 inches up to 4 inches wide and up to full-depth repairs, and partial-depth repairs less than 0.75 inches deep, repairs less than ¾" in depth, and most other distresses (spalls), and shall meet/exceed the following:

Color: Gray
Flow: 5mm Max. 5 h 140° F ASTM D5329 Modified
Form: Powder
Specific Gravity: 2.08 ASTM D2726
Binder Content: 15-25 % ASTM D6307 Method A
Min Application Temp: 375° F
Max Heating Temp: 400° F Tensile Test: 50-200 lb, Briquette, AASHTO T140 Modified TTM5 at 20° F, 3 Specimens
Tensile Adhesion: 12 psi min, 0.5" min elongation, ASTM D5329 Mod.
Impact Testing: ASTM D2794 2" dia, 1" thick specimen, 0.625" dart, No cracking, chipping, or separation at 6 ft·lb (8.1 N·m) at 20°F
Flexibility: No cracking ASTM D3111
No loss of Aggregate Adhesion
Aggregate: 100% min. ASTM D5444 Pass, No. 4 Sieve

3.2.32 Crafcro TechCrete-TBR or Equal with all the benefits of TechCrete or Equal, shall be designed to treat wide cracks and joints greater than or equal to 2 inches wide and up to full depth repairs, partial depth surface defects, and distresses for repairs with a minimum application depth of 1.5 inches up to 8 inches and shall meet or exceed the following specifications:

Color: Gray
Flow: 5 Max. 5 h 140° F ASTM D5329 Modified
Form: Powder
Specific Gravity: 2.03 ASTM D2726
Binder Content: 15-25 % ASTM D6307 Method A
Min Application Temp: 375° F
Max Heating Temp: 400° F
Tensile Test: Briquette, 50-200 lb AASHTO T140 Modified TTM5 at 20° F, 3 Specimens, pounds. 50-200, 2 out of 3 fail between grips

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Tensile Adhesion: 12 psi min .5" min elongation ASTM D5329 Mod.
Impact Testing: ASTM D2794 2" dia, 1" thick specimen, 0.625" dart, No cracking, chipping, or separation at 6 ft·lb (8.1 N·m) at 20°F
Flexibility: No cracking No Loss of Agg. Adhesion ASTM D3111
Minimum Application Temperature 375°F (190°C)
Maximum Application Temperature 400°F (204°C)
Shelf Life 2 years
Aggregate: 100% min. ASTM D5444 Pass 0.625"
55 % min. Percent Retained on No. 16

3.2.33 CrafcO Mastic One or Equal shall be a hot applied, pourable, aggregate-filled, polymer-modified, asphalt pavement repair mastic used for sealing/filling/repairing distresses in asphalt concrete/cement pavements and may be used for bridge deck surfaces larger than repairs by crack or joint sealing, but smaller than repairs requiring 'remove and replace patching procedures, and when melted and mixed in a manufacturer approved melter, poured into the prepared repair area and leveled, shall provide neat, feathered-edge installation, ready for traffic when solidified, and shall meet the following:

Aggregate:
Abrasion Resistance: 35% max ASTM C131
Binder:
Cone Penetration @ 77° F: 60 max ASTM D5329
Cone Penetration @ 122° F: 60 max ASTM D5329
Softening Point: 200° F min ASTM D36
Flexibility (1", 180°, 10 sec): Pass @ 32° F ASTM D3111 Modified

Blended Products:
Flexibility: Pass @ 32° F PTM 3
Adhesion @ 77° F: 25 psi min PTM 4
Specific Gravity: 1.7 - 2.0
Minimum Application Temp.: 375°
Maximum Application Temp.: 400°
VOC: 0 g/l
Color: Black

3.2.34 CrafcO Matrix 501 Asphaltic Plug Bridge Joint System or Equal shall be a pre-measured, factory-mixed, pre-packaged, hot-applied bridge expansion joint system primarily composed of uniquely formulated polymer-modified asphalt binder combined in one box with the exact ratio of select aggregate to eliminate field measuring, proportioning and mixing, used to provide a watertight, smooth riding joint that can accommodate up to ±1 inch of annual joint movement in blockouts from 2-8 inches deep and 20-24 inches wide in either asphalt concrete/portland cement concrete bridge deck surfaces, with a density of 119 lb per 7 feet, with components of Matrix 501 Mastic or Equal,

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Matrix 501 Adhesive or Equal, D surface dressing aggregate, backer rod, bridging plates and locating pins, and shall meet/exceed the following:

3.2.34.1 Crafc Matrix 501 Mastic or Equal shall be a single component blend of a specially formulated, polymer-modified asphalt binder and aggregate, designed to be workable at application temperatures and resistant to segregation and binder flow on bridge surfaces that are sloped/crowned/super elevated, require no compaction and form a bonded, flexible, compressible and traffic resistant joint system with the polymer modified asphalt binder meeting the requirements of Table 1 of ASTM D6297 as follows:

Test, ASTM D6297	Limits
Softening Point ASTM D36	83°C min
Tensile Adhesion ASTM D5329	700% min
Ductility, 77°F ASTM D113	400 mm min
Cone Penetration, 77°F ASTM D5329	75 unit max
Low Temperature Cone Penetration, 0°F 200g, 60s ASTM D6297, Sec 9.1	10 unit min
Flow 140°F, 5 h ASTM D5329	3.0 mm max
Resilience, 77°F ASTM D5329	40 — 70%
Asphalt Compatibility ASTM D5329	Pass
Recommended Installation Temperature	380°F
Maximum Heating Temperature	400°F
Bond, 100% extension, 12.5 mm, 3 cycles	20°F
ASTM D5329 Flexibility ASTM D5329	-10°F
Additional properties of the polymer modified binder:	
Test, ASTM D5329	Requirements
Bond, 100% extension, 12.5mm, 3 cycles	4000 cp max.
Flexibility	9.3 lbs/gal (1.12 kg/l)

3.2.34.2 Aggregate in Matrix 501 Mastic or Equal shall be a specially-selected hard, durable igneous rock, screened to a specific gradation, double washed, dried, bagged, and then combined with binder in one container. Aggregate content of Matrix 501 Mastic or Equal shall be 73 +/- 5% and gradation shall be as follows:

Screen Size	Percent Passing
1/2 Inch	100
3/8 Inch	80 - 100
No. 10	0 - 15
No. 16	0 - 3

3.2.34.3 Matrix 501 Adhesive or Equal shall consist of specially formulated polymer modified asphalt designed to coat the block-

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

out area and provide adhesion and shall meet the properties of Table 1 in ASTM D 6297.

3.2.35 BASF MasterEmaco T 1060 (formerly 10-60) Rapid Mortar or Equal shall be a one component, shrinkage-compensated, very rapid-setting cement-based mortar with extra low permeability to help minimize chloride intrusion, be designed for horizontal concrete surfaces where high early strength gain is required, and shall meet/exceed the following:

Property	Results, Test	
Fresh wet density, lb/cu ft:	130	ASTM C138
Modulus of Elasticity, psi (GPa):	19.5	ASTM 469
Freeze/thaw Resistance, % RDM, 300 cycles:	<300	ASTM C666, procedure A
Working time, min:	8	
Setting Time, min at 72°F, Initial 16: Final 28		ASTM C191
Scaling resistance, 25 cycles:	100	ASTM C672
Coefficient of thermal expansion, in/in/°F:	7.0 x 10 ⁻⁶	CRD C39
Splitting Tensile Strength, psi (MPa): 1 day, 7		ASTM C496
Compressive Strength, psi (MPa), 2" cubes:		ASTM C109
		1 hr 2000 (14)
		1 day 5000 (34)
		28 days 8000 (55)
Compressive Strength, psi (MPa): 3x6" cylinders, 28 days, 400		(51)
		ASTM C39

3.2.36 BASF MasterFlow 100 Construction Grout or Equal shall be a non-catalyzed, multi-purpose construction grout, containing mineral aggregate for application to concrete substrate, having no accelerators/chlorides or other similar salts, shall not contribute to corrosion of reinforcing steel, extendable with clean, well-graded coarse aggregate to fill large voids, hardening free of bleeding when properly placed, yielding a high effective bearing area for proper support/load transfer, and shall meet/exceed the following:

Yield: One 50 lb bag of MasterFlow 100 or Equal mixed with 1.07 gallons water to provide approximately 0.45 ft³ of flowable mixed grout.

Color: Concrete gray when cured

Storage: Store in unopened containers in a cool, clean, dry area

Shelf Life 50 lb bag: 12 months when properly stored

Shelf Life 3,000 lb bulk bag: 3 months when properly stored

VOC Content: 0 g/L less water and exempt solvents.

Typical Properties: Mixed Grout Data** (Flowable Mix)

Property	Value
Approximate Water, gal (L)	1.07 (4.03)

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Initial set, hrs, at 70° F	6
Final set, hrs, at 70° F	8

** At a constant percent of water, consistency will vary with Temperature. Final set takes place in approximately 8 hours at a flowable consistency and 70° F (21° C).

Compressive strength, psi (MPa)

Test Method: ASTM C 109, as modified by ASTM C 1107

Plastic* ¹	Consistency Flowable* ²	Fluid* ³
1 day 3,500	(24.0) 2,000 (13.8)	1,500 (10.3)
3 days 6,000	(41.4) 5,000 (34.5)	3,500 (24.1)
7 days 8,000	(55.2) 6,000 (41.4)	4,500 (31.0)
28 days 10,000	(68.9) 7,000 (48.0)	5,500 (37.9)
Volume Change, % Flowable, ASTM C 1090		
ASTM C 1107	Change	Change Requirement
1 day 0.01		0.0 – 0.3
3 days 0.01		0.0 – 0.3
7 days 0.01		0.0 – 0.3
28 days 0.01		0.0 – 0.3

*¹ 100 – 125% flow on flow table per ASTM C 1437

*² 125 – 145% flow on flow table per ASTM C 1437

*³ 20 – 30 seconds through flow cone per ASTM C 939

3.2.37 Phoscrete VO Vertical Overhead Repair or Equal shall be a cementitious two-part kit of dry mix of Magnesium and Alumino-silicate aggregates, reinforcing fibers, plus a mono-Aluminum liquid Phosphate activator for vertical/overhead concrete repairs, used to fix spalls on concrete pavements/floors, providing high early ultimate compressive/bond strength, and shall meet/exceed the following and ASTM C928 R2 Spec for Very Rapid Hardening Cementitious Repair Materials:

Test	Specification	Typical Results		
		Lab temp supercooled*	Initial	Final
Set Time	ASTM C191	5 min	5 min	6 min
		9 min	9 min	11 min
Density	ASTM C138		153 lb/ft ³	2450 kg/m ³
Air Content	ASTM C231		8.3%	
Free Shrinkage wet/dry	ASTM C157	28 days	.008%	-0.11%
Compressive Strength	ASTM C109	Time	psi	MPa
		1 hour	7,000	48
		1 days	9,000	62
Flexural Strength	ASTM C78	28 days	12,000	83
		1 day	600	4,1

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

		7 days	650	4,5
		28 days	800	5,5
Bond Strength	ASTM C882	1 day	2500	17
		7 days	3500	24
		28 days	3500	24
		1 day	850	5,8
Tensile Strength	ASTM C496	28 days	900	6,2
		28 days	4.24 E+06	2.92 E+04
Modulus of Elasticity	ASTM C469			
Freeze Thaw	ASTM C666-A	Durability Factor:		91%
		NaCl	Visual, 2	Loss lbs/ft ² 0.42
Scaling - NaCl Chlorides	ASTM C672	CaCl ₂ , MgCl ₂	Visual, 0	Loss lbs/ft ² 0.00
	ASTM C1202	28 days	450 Coulombs	
		90 days	10-20 mm	Cl: 0.056%
			55-65 mm	Cl: 0.057%
	ASTM C1543	180 days	10-20 mm	Cl: 0.033%
			55-65 mm	Cl: 0.061%
	ASTM C1543		10-20 min	Cl: 0.56%
			55-65 min	Cl: 0.57%
			10-20 min	Cl: .033%
			55-65 min	Cl: .061%

3.2.38 Phoscrete HC (Horizontal/Castable) or Equal shall be a cementitious two-part kit of dry mix of Magnesium and Aluminum aggregates and reinforcing fibers, and a liquid Phosphate activator that forms a chemical and mechanical bond to cured concrete and itself, wet or cured, to provide rapid-hardening and strength gain suitable to vehicular traffic in less than one hour at moderate ambient temperatures, with proven applications to include repairs on bridge deck, reinforced concrete, expansion joint nosing-construction and repairs, for use on horizontal surfaces, poured/castable applications, vertical and overhead surfaces, form and pour applications, highway concrete spall and rutting repairs, full/partial depth concrete repairs, and shall meet/exceed the following physical properties:

Color:	Concrete grey
Cure:	Accepts sealants and polymer coatings as soon as one hour following initial set. No out-gas after cure.
VOC Content	0 g/L, less exempt solvents
Shelf Life:	Dry Mix: 24 months; Liquid Activator: 12 months when properly stored unopened in original packaging, in dry, clean conditions
Application thickness:	Minimum: 1-inch Maximum: none
Set Time, Minutes:	ATSM C191 in 68° in lab Initial 8, Final 10 Supercooled at 17° in lab Initial 15, Final 19
Slump:	ASTM C143 0 min, 9.5 in.

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

		5 min, 8.7 in
		15 min, 6.2 in
Yield and Density:	.47 ft ³	138.2 lb/ cf ³
Air Content:	Caltrans CT-504	11.5%
Free Shrinkage:	ASTM C157	28 days .00% wet, -0.03% dry
Restrained Shrinkage:	ASTM C1581	180 dates Age/Stress no crack, -60 µstrain
Compressive Strength:	ASTM C109	1 hour 5,000psi, MPa 34,5 1 day 6,500psi, MPa 44,8 28 days 8,000psi, MPa 55,2
Flexural Strength: ASTM C78		1 hour 400psi, MPa 3,0 1 day 500psi, MPa 3,5 28 days 700psi, MPa 4,8
Bond Strength:	ASTM C882	1 hour 1,500psi, MPa 10,3 7 days 2,000psi, MPa 13,8 28 days 2,500psi, MPa 17,2
Tensile Strength: C496		1 day 650psi, MPa 4,5
28 days 800psi, MPa:		5,5
Modulus of Elasticity:	C469	7 days 2.82 psi, MPa 1.9 E+04, 0.282
Freeze Thaw:	ASTM C666-A	Durability factor 98%
Scaling:	ASTM C672 NaCl and CaCl ₂ and MgCl ₂	Visual 0, Loss 0.00
Chlorides: ASTM C1202	28 days 1331 C	
	ASTM C1543	90 days 10-22mm 0.135%, 55-65mm 0.117%
	ASTM C1543	180 days 10-20mm 0.195%, 55-65mm 0.145%
Abrasion:	Caltrans CT-550	Visual 16g, Loss 1.8%
Sulphate Resistance:	ASTM C1012	28 days -0.005% 91 days -0.009% 182 days -0.009% 365 days -0.013%
VOC Content:	0 g/L	less exempt solvents
Shelf Life:	Dry Mix	24 months, Liquid Activator 24 months when stored unopened in clean, dry conditions.

3.2.39 Phoscrete SG/Shotgun (Dry-Mix Shotcrete/Gunite) or Equal shall be a cementitious two part kit of dry mix of Magnesium and Alumino aggregates, reinforcing fibers, plus a liquid Phosphate Activator, pneumatically conveyed separately and mixed at the nozzle to provide reduced setting times, very rapid hardening and early strength gain, and shall meet/exceed the following properties:

Color:	Grey
Set Time in minutes:	ATSM C266 Initial 8, Final 28
Yield and Density:	Cubic feet .47, pounds per ft ³ 138.2
Air content:	Caltrans CT-504 11.5%
Free Shrinkage:	28 days wet 0.00%, dry -0.03%

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Compressive Strength:	ASTM C109	1 hour	5,000psi, MPa 34,5
		1 day	6,500psi, MPa 44,8
		28 days	8,000psi, MPa 55,2
Flexural Strength:	ASTMC78	1 hour	400psi, MPa 3,0
		1 day	500psi, MPa3,5
		28 days	700psi, MPa 4,8
Bond Strength:	ASTM C882	1 hour	1,500psi, MPa 10,3
		7 days	2,000psi, MPa 13,8
		28 days	2,500psi, MPa 17,2
Tensile Strength:	C496	1 day	650psi, MPa 4,5
		28 days	800psi, MPa 5,5
Modulus of Elasticity:	C469	7 days	2.82 psi, MPa 1.9 E+04, .282
Freeze Thaw:	ASTM C666-A	Durability factor	98%
Scaling:	ASTM C672	NaCl and CaCl ₂ and MgCl ₂	Visual 0, Loss 0.00
Chlorides:	ASTM C1202	28 days	1331 C
ASTM C1543	90 days	10-22mm	0.135%
		55-65mm	0.117%
ASTM C1543	180 days	10-20mm	0.195%
		55-65mm	0.145%
Abrasion:	Caltrans CT-550	Visual	16g, Loss 1.8%
Sulphate Resistance:	ASTM C1012	28 days	-0.005%
		91 days	-0.009%
		182 days	-0.009%
		365 days	-0.013%
		VOC Content:	0 g/L less exempt solvents
Shelf Life:		Dry Mix	24 months, Liquid Activator 24 months
			when stored unopened in clean, dry conditions.

3.2.39.1 Phoscrete Fast-Set Add-Mix or Equal shall be composed of magnesium oxide.

3.2.40 Pavemend SLQ Very Rapid Repair Mortar or Equal shall be a cementitious, very rapid setting, self-leveling, water-activated single component powder structural repair mortar, used for horizontal concrete repairs/formed applications, extendable up to 100% by weight with ⅜” or ½” clean-washed, fractured stone/mortar, and shall meet/exceed the following physical properties and ASTM C928:

Compressive Strength:	
1 hour	3,000 psi Min. ASTM C 109/ASTM C 39
3 hours	4,000 psi Min. ASTM C 109/ASTM C 39
24 hours	4,500 psi Min. ASTM C 109/ASTM C 39
7 days	5,000 psi Min. ASTM C 109/ASTM C 39

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

28 days 6,000 psi Min. ASTM C 109/ASTM C 39
Bond Strength:
24 hours 1,200 psi Min. ASTM C 109
7 days 1,375 psi Min. ASTM C 882
Flexural Strength:
7 days 500 psi Min. ASTM C 28
28 days 600 psi Min. ASTM C 28
Modulus of Elasticity: psi 28 days 1.93 EE⁶ Min. ASTM C 469
Temperature Limits: -20° F to 110° F Min.
Initial Set Time @ 72° F 2-4 minutes Max.
Rapid Freeze Thaw Resistance: 300 cycles 99.6% ASTM C 666A
Length of Change, % Total Length:
28 Days soak/dry 0.02 Max./-0.030 Max. ASTM C 157

3.2.41 Pavemend 15.0 Rapid Repair Mortar or Equal shall be a cementitious rapid setting, self-leveling structural repair mortar, water activated, single component powder used for horizontal concrete repairs/rapid form or pour setting applications and shall meet/exceed the following physical properties and ASTM C928:

Compressive Strength:
2 hours 2,500 psi Min. ASTM C 109
3 hours 3,500 psi Min. ASTM C 109
24 hours 4,000 psi Min. ASTM C 109
7 days 5,000 psi Min. ASTM C 109
28 days 6,000 psi Min. ASTM C 109
Bond Strength:
24 hours 1,000 psi Min. ASTM C 882
7 days 1,500 psi Min. ASTM C 882
Flexural Strength:
7 days 600 psi Min. ASTM C 28
28 days 850 psi Min. ASTM C 28
Modulus of Elasticity, msi: 28 days 3.30 Min. ASTM C 469
Temperature Limits: 30° F to 110° F Min.
Initial Set Time @ 72° F: 5-7 minutes Max.
Rapid Freeze Thaw Resistance: 300 cycles 99.6% ASTM C 666A
Length of Change, % Total Length:
28 Days soak/dry 0.0085 Max./-0.0595 Max. ASTM C 157

3.2.42 Pavemend VR Rapid Repair Mortar or Equal shall be a cementitious rapid setting, one-step structural repair mortar with pargeting mortar consistency, in a water activated, single-component powder form used for vertical and overhead structural concrete repairs, with 10-15 minutes of working time plus an additional 10-15 minutes to shape/shave repair to match existing contours,

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

can be applied in a single-lift from 1/16" to over 4" without bonding agents, and shall meet/exceed the following physical properties and ASTM C928:

Compressive Strength:

3 hours	2,300 psi Min. ASTM C 109
24 hours	3,000 psi Min. ASTM C 109
7 days	4,000 psi Min. ASTM C 109
28 days	7,000 psi Min. ASTM C 109

Bond Strength:

24 hours	1,500 psi Min. ASTM C 882
7 days	1,600 psi Min. ASTM C 882

Flexural Strength:

7 days	600 psi Min. ASTM C 28
28 days	650 psi Min. ASTM C 28

Modulus of Elasticity, msi, 28 days 3.17 Min. ASTM C 469

Temperature Limits: 40° F to 100° F Min.

Initial Set Time @ 72° F 15-20 minutes Max.

Rapid Freeze Thaw Resistance: 300 cycles 100% ASTM C 666A

Length of Change, % Total Length

28 Days soak/dry 0.001 Max./-0.001 Max. ASTM C 157

3.2.43 Pavemend SL Rapid Repair Concrete or Equal shall be a cementitious rapid setting, semi-leveling structural repair cement in a water-activated, single component powder form used for horizontal concrete repairs, sloped or form and pour repair applications, and shall meet/exceed the following physical properties and ASTM C928:

Compressive Strength:

2 hours	2,500 psi Min. ASTM C 39
24 hours	5,000 psi Min. ASTM C 39
7 days	6,000 psi Min. ASTM C 39
28 days	7,000 psi Min. ASTM C 39

Bond Strength:

24 hours	1,500 psi Min. ASTM C 882
7 days	2,000 psi Min. ASTM C 882
28 days	3,000 psi Min. ASTM C 882

Flexural Strength:

1 days	850 psi Min. ASTM C 28
7 days	875 psi Min. ASTM C 28
28 days	900 psi Min. ASTM C 28

Modulus of Elasticity, psi:

28 days	5.2 x 10 ⁶ Min. ASTM C 469
---------	---------------------------------------

Temperature Limits: 40° F to 110° F Min.

Initial Set Time @ 72° F: 15-20 minutes Max.

Rapid Freeze Thaw Resistance: 300 cycles 98% ASTM C 666A

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Length of Change, % Total Length:
28 Days dry -0.02 Max. ASTM C 157

3.2.44 RHOMAR BLACK-MAX Cathodic Rust Encapsulant or Equal shall be a sprayable/brushable liquid that encapsulates the rusty metal surface and transforms the red oxide rust into a dark patina surface that can be painted over or left as an exterior surface, preventing bleed-through of rust on newly painted surfaces and extends the life expectancy, eliminates the need for hazardous sandblast residue disposal, and when applied to a non-rusty surface, dries clear but gives the same protection to the underlying surface, and shall meet/exceed the following technical specifications:

Active Ingredients: Tannic and Oxalic components
Flash Point: Non-Flammable
Curing: 12 to 14 hours
Viscosity: Sprayable or Brushable liquid
Specific Gravity: =1.01
Evaporation: =1.0
Water Reactive: Emulsifies
Color : Milky White
pH: <3
Application Temperature: >40
Coverage: 250 sq ft per gallon
Blend: Proprietary co-polymers

3.2.45 RHOMAR BRIDGE-CON Concrete and Metal Encapsulant or Equal shall be composed of a polymer rubber emulsion, to be applied with spray gun/ roller/brush, specifically designed for encapsulating concrete/metal substructure components exposed to corrosive chlorides, and shall meet/exceed the following specifications:

Color: Grey
V.O.C. Content: Less than .5 per gallon.
Resistance: Calcium, Magnesium, Sodium Chlorides, and weather elements.
Flash Point: Non-Flammable
Elongation: Over 500% Elastomeric
Solids: 62% +/- 2%
Application Temperature: Above 40°F
Film Thickness: 20-40 WFT
Coverage: 25-100 sq ft per gallon
Dry Time: Dry to touch 1 hour and cures in 12 hours
Color Stability: UV resistant for color retention
Additives: Mildewstat for mold and mildew protection

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

- 3.2.46 RHOMAR Pistol-Grip Spray Gun Applicator RH-42-12 for BRIDGE-CON or Equal** shall be used for dispensing from quart bottles.
- 3.2.47 RHOMAR RH-410-Wand or Equal** shall be a 24” extension wand for the pistol grip spray gun applicator that is flexible and allows the application of Bridge-Con or Equal in hard-to-reach places.
- 3.2.48 RHOMAR BRIDGE-MATE™ Bridge Component Encapsulant or Equal** shall be a polymer encapsulant, that must be applied with Rhomar’s “Public Works” Applicator or Equal, using a .5gpm nozzle, designed to treat bridge components, such as rocker plates/arms, bearing boxes, finger joints, deflector plates, troughs, and tops of concrete pilings, to form a non-tacky polymer skin that will not wash off into soil and streams, and shall meet the following technical specifications:

Encapsulant: High-strength polymer with appropriate charge to encapsulate existing salt and chloride residue.
Chloride Resistance: Calcium, Magnesium, Sodium, and Salt Brine
Additive Package: EP agent, anti-rust, anti-oxidation, corrosion inhibitor
Wet Flexible Film Thickness: 3 mils, non-tacky; 5-20 mils wet film thickness
Element Resistance: Heat, freeze thaw, rain, and water pressure
Humidity Cabinet Rust Test: Excellent
Drying Time: To touch in 3-4 hours, fully cures in 72 hours
Moisture and Water Resistance: Insoluble, totally resistant
Evaporative Carrier: Allows quick drying of solids
API Specific Gravity: .95= 7.6 lbs per gallon
Viscosity: Sprayable liquid
Flash Point and Method: >110°F TCC
Application: Sprayable

- 3.2.49 RHOMAR BRIDGE- TEC 2000™ Concrete Protection or Equal** shall be a sprayable, high-strength, rubberized polymer encapsulant that resists salts and chlorides, to apply to non-traffic concrete and metal components to prevent rust on metal and spalling or pitting of concrete caused by salt and aggressive deicers, and shall meet the following technical specifications:

Color: Amber, dries clear
Chloride Resistance: Sodium, Calcium, Magnesium
Humidity Cabinet Rust Test: Excellent
Dried Flexible Film Thickness: 2 to 3 mils, non-tacky
Additive Package: Anti-rust, anti-oxidation, corrosion inhibitor
Moisture and Water Resistance: Insoluble, totally resistant
Evaporative Carrier: Allows quick drying of solids
Drying time: To touch in 3 to 4 hours and cures in 72 hours
API Specific Gravity: .09 = 7.2 lbs per gallon

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Flashpoint and Method: 106°F TCC
Viscosity: Sprayable liquid
Coverage: 150 to 250 sq ft per gallon
Safety: Refer to SDS

- 3.2.50 RHOMAR TAGSTER Graffiti and Tagging Emulsifier or Equal** shall be specifically designed to remove graffiti from concrete/metal/wood/plastic surfaces, by relieving the youngest/most recent vandalism paint first, and shall meet/exceed the following:

Biodegradable: Contains no hazardous ingredients such as petroleum Solvents/Methylene Chloride or Hexane
Flash Point: >160°F
Viscosity: Sprayable Liquid with Tackifier
Color: Clear
Odor: Bubblegum
Rinse: Freely without residue
Evaporation: (BUAC = 1) .01
Solubility: Complete with water

- 3.2.51 CHLOR*RID or Equal** shall be a single component, liquid, organic bonding chemical blend that aids in the removal of chlorides sulfate/surface reacted salts for surface preparation prior to applying primers or coatings on a variety of surfaces including ferrous/non-ferrous metals, concrete, and others, suitable for application by pressure washer at any pressure and handwashing spot areas, and shall meet/exceed the following:

Color: Blue
Typical Coverage: 300-1000 sq ft/gal
VOC content: None, biodegradable
pH: 3. (+/- .2)
Application Temperature: +32°F
Non-Flammable

- 3.2.52 SKUNKRUST SR-17 or Equal** shall be a hygroscopic material designed to be used in high-humidity environments on all metals to remove corrosion chemically by arresting electrical activity by insulating both the anode and cathode sites on the metal substrate for use as a surface preparatory pre-primer to receive coats of paint, or be left uncoated for use as a preservation product, and shall meet/exceed the following:

Color: Dries to a chalky-white.
Components: Water based, Iron Phosphate compound that is hygroscopic designed to be used in high-humidity environments, on all metals, to remove corrosion chemically renders chlorides, sulfates, and nitrates insoluble.

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Finish: Powdery, dry finish consists of a micro-crystalline structure of a metal phosphate. A secondary reaction forms an insulating layer between the crystals to completely insulate the substrate.

Coverage on rusted surfaces: 400+/- sq ft per gal. 100 sq ft per qt, per coat.

Coverage on blasted surfaces: 600+/- sq ft per gal., per coat.

Heat Resistant: Up to 2,450°F

Scratch Resistant: Yes

Renders chlorides, sulfates, and nitrates insoluble

Will dissolve nylon and etch concrete.

Shall not harm painted surfaces.

3.2.53 D.O.T. Line Rapid Repair Concrete or Equal shall be a fiber reinforced, cementitious, rapid setting, structural repair cement, in a single-component powder form, aggregate extended, that is water activated, used for horizontal concrete repairs and temporary asphalt pavement repairs, and shall meet/exceed the following and ASTM C928:

Test	Typical Results	Specification
Compressive Strength:		
	2 hours	2,500 psi Min. ASTM C 39
	24 hours	5,000 psi Min. ASTM C 39
	7 days	7,000 psi Min. ASTM C 39
	28 days	9,000 psi Min. ASTM C 39
Bond Strength:		
	24 hours	1,500 psi Min. ASTM C 882
	7 days	2,000 psi Min. ASTM C 882
Flexural Strength:		
	1 days	600 psi Min. ASTM C 28
	7 days	900 psi Min. ASTM C 28
	28 days	1,200 psi Min. ASTM C 28
Modulus of Elasticity, psi:		
	28 days	5.41 x 10 ⁶ Min. ASTM C 469
Temperature Limits: 40° F to 120° F Min.		
Initial Set Time @ 72° F 20-25 minutes Max.		
Rapid Freeze Thaw Resistance: 300 cycles 100% ASTM C 666A		
Length of Change, % Total Length:		
	28 days soak/dry	0.02 Max./-0.045 Max. ASTM C 157

3.3 Emergency Work as ordered by WVDOH District Engineer or his designee is work or contract that shall be initiated within forty-eight (48) hours from when the Delivery Order is received by the Vendor, therefore a rushed response with goods or service delivery is needed from the Vendor, see Section 2.14.

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

4. **SAFETY: Pandemic-Response Safety Protocols:** In addition to the Vendor's established safety protocols and the WVDOH's established safety protocols outline in the Standard Specs, as amended, the Vendor and the Vendor's staff or designee shall adhere to all WVDOH's pandemic-response protocols while present at the WVDOH location/jobsite. Vendors may obtain the WVDOH's pandemic-response protocols by contacting the WVDOH District Engineer.

5. **CONTRACT AWARD:** The contract is intended to provide Agencies with a purchase price on all Contract Items in single Unit/ Pallet/truckload quantities. All qualified responsible Vendors shall be awarded a contract for those Contract Items bid which meet all mandatory requirements of this Contract.

5.1 **DETERMINING LOW BID:** To determine the low bid Vendor, the WVDOH District Engineer or his designee will determine quantities needed by the District, calculate the **lowest per Unit Cost**, and issue a Delivery Order to that low bid Vendor. WVDOH reserves the right to request any one or combination of items for which bids are awarded at the lowest overall total.

5.2 **BID INSTRUCTIONS:** Vendor should place Vendor's name on each ATTACHMENT. **This contract contains an ATTACHMENTS A, B, and C:** . The ATT A and ATT B must be completed and supplied at the time of bid submission. The ATT C may be submitted with the bid but MUST be submitted prior to award. If Vendor fails to submit any MANDATORY ATTACHMENTS, the Vendor's bid will be SUBJECT TO DISQUALIFICATION either in part or as a whole. **The Vendor can request an electronic copy of the spreadsheets ATTACHMENTS for bid purposes by sending an email request to the following address: John.W.Estep@wv.gov**

5.2.1 **ATTACHMENT A (ATT A) Pricing Pages:** In this contract, Vendor's Pricing shall include Material and Delivery, F.O.B to any job site or District location in any WV County within a District. When available, WVDOH supplies an estimated purchase volume which is an approximation only. Estimated quantities are typically not available for new contracts. Vendor shall complete the ATT A/Pricing Pages as indicated, supplying the Unit Cost for each Item, the number of Individual Units, and extend the pricing accordingly for each line item. Vendor is encouraged to supply its pricing in the form of an electronic spreadsheet, in effort to expedite the bid evaluation.

NOTE: If the Vendor offers Contract Items in bulk tiers for partial pallets, the Vendor shall include a breakdown of bulk-discount tiers and must include the per-Unit Cost in the last column of the Pricing Page, per Contract Item since low bid is calculated at the time of need and awarded per Unit Cost.

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

Vendor shall NOT add/delete/modify formulas, any Units of Measure/Pay Units, column headers, contract Item descriptions on the ATT A/Pricing Page spreadsheet as making any such changes to the format will result in disqualification of the Vendor's bid or items. If the vendor wishes to propose a different Unit of Measure for any Item, the vendor shall contact the buyer and propose the change prior to the bid closing time.

5.2.1.1 Or Equal Proposals: If the Vendor is proposing an Equal Item, the Vendor shall provide the manufacturer's name/brand and manufacturer's part number/model/product type on the ATT A/Pricing Pages and any other ATTACHMENTS as indicated. Vendor shall submit with its bid, manufacturers technical specifications with physical properties, to support any proposed Equal item not listed in this solicitation. At its own discretion, the WVDOH shall determine equivalency for an Equal Item bid and its buyer may contact the Vendor if additional information is needed. If no supplier/manufacturer name, or manufacturer part number is provided on ATT A, the WVDOH will expect that the Vendor is providing the requested brand products rather than proposing an Equal.

5.2.2 ATTACHMENT B (ATT B) Information Form: Prior to award, Vendor shall supply the information for its key personnel and their contact details as indicated on ATT B, for reference by the WVDOH/Districts. Awarded Vendors shall inform the WVDOH in writing of changes in its key personnel/contact information within ten (10) calendar days of such changes.

5.2.2.1 Vendors Bidding on Heating Equipment with Materials SHALL supply on the ATT B, the names of any heating equipment bid, and its supporting Contact Personnel details as indicated, per Section 3.2.29 through 3.2.29.10.

5.2.3 ATTACHMENT C (ATT C) PRODUCT USE GUIDE: Prior to award, and as indicated on the ATT C, each Vendor shall supply details of the manufacturer's recommended use with proven applications for Contract Items bid, as applicable. The ATT C spreadsheet is not intended for use as part of the bid evaluation but is intended for reference by the Districts after award. Upon completing the use guide, Vendor shall ensure that Contract Item(s) descriptions explain which materials are for which repairs and for example, discern which are for concrete or asphalt repair and as applicable, yield a high-effective bearing area for proper support and load transfer if used on bridge decks or approaches. Vendors bidding for heating equipment with materials, shall also refer to Section 3.2.29 through 3.2.29.10.

NOTE: Bidding on any one contract Item may not imply the acceptance of the bid on any other contract Item(s).

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

- 5.3 Contract Award Transition:** Upon the award of this contract, whether the effective date or the completed and encumbered date or an established date by the Agency, the WVDOH Operations Division will announce the effective date of use of this contract to the Districts and the Vendors. Upon the announced effective date of use by the WVDOH Operations Division to the Districts and Vendors, any Delivery Order issued toward the previously effective/prior Contracts with work/delivery started shall remain in effect and shall not be cancelled until that Delivery Order is filled. Any Delivery Order issued with work/delivery not started shall be cancelled and reissued off the new contract. No Delivery Order from the previously effective Contracts should be held open by the District or the Vendor longer than thirty (30) working days after the notice to the Districts and the Vendors of the effective date of use of the new contracts.

This directive is issued to assist the Districts and the Vendor when fulfilling open Delivery Orders only. It is NOT issued to cause harm or to take contracts from one Vendor to give to another Vendor, but to establish a transition process from one contract into another contract.

6. ORDERING AND PAYMENT:

- 6.1 Ordering:** Vendor shall accept orders through wvOASIS, regular mail, facsimile, e-mail, or any other written forms of communication. Vendor shall maintain and keep current its phone numbers, fax number, e-mail address, locations and ordering/billing/payment addresses with WVDOH and in wvOASIS. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. Vendor should include in its response a brief description of how Agencies may utilize the Vendor's on-line ordering system. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.

No future use of the contract or purchase of any contract Item is guaranteed throughout the life of this contract. At the time of need, the WVDOH may choose one or more of the Contract Items to complete an individual project as indicated by WVDOH's written Delivery Order, see Section 6.2.

- 6.2 Delivery Order:** WVDOH will initiate the Delivery Order by identifying locations of need. The Delivery Order will be generated by a WVDOH Engineer or their designee. The order should be completed on a WV-39 Blanket Release Order. The order should detail the Contract Items and amount needed, the delivery location, and the due date for the delivery which shall become the agreed upon delivery date. The Agency should consider a lead time on their Delivery Order that is reasonable for the Vendor to comply with that due date. Such timeframe shall become the agreed upon start and end dates of the use period for heating equipment, as applicable, see Sections 3.2.29 through 3.2.29.10.

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

6.2.1 Once complete, the Delivery Orders shall be sent to Vendor via fax, email, or postal mail. **Any verbal communications to initiate or make modifications to a project from this contract are NOT acceptable as a Delivery Order.** Emergencies shall be prominently noted on the Delivery Order.

6.2.1.1 If, for any reason, the low bid Vendor fails to respond to the Agency's order and or fails to supply/deliver Contract Items per the terms of this contract, the Agency reserves the right to cancel the Delivery Order and proceed accordingly to obtain Contract Items through other means necessary, to alleviate hardship to the Agency, see Sections 7.2 through 7.2.1.

6.3 Payment: Upon completion of the work indicated on the Delivery Order, Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia. The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, as well as Electronic Funds Transfer as methods to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card and Electronic Funds Transfer for payment of orders under this contract. Electronic Funds Transfer for payment is available through the WV State Auditor's Office. The Vendor may visit the WV State Auditor's website (wvsao.gov) for all necessary forms and instructions. Payment method may be dictated at WVDOH's discretion.

7. DELIVERY, LATE DELIVERY, AND RETURN:

7.1 Delivery Time: Vendor shall complete standard orders as specified by the WVDOH on the Delivery Order. Vendor shall deliver emergency requests within an agreed upon timeframe established by the WVDOH and the Vendor, refer to "**Emergency Work**" Section.

7.1.1 If preferred by the WVDOH as in an emergency/urgent situation, the WVDOH reserves the right to pick-up ordered Contract Items at the Vendor's location within forty-eight (48 hours) after the Delivery Order is received by the Vendor with arrangements made by WVDOH and the Vendor. In such as case, no shipping/delivery charges shall be applied.

7.2 Refused, Late, or Failed Delivery: If the Vendor refuses, fails, or anticipates failure for any reason to deliver 100% of the ordered Contract Items according to the Agency's due date/timeframe as specified by the Agency Delivery Order, Vendor shall provide to the ordering Agency a written reason for its failure by no later than seven (7) business days of the date of the Agency Delivery order, and by 4:00pm on the third day. Regardless the reason, any failed delivery of Contract Items may be deemed by the Agency, at its sole discretion, to be harmful to the Agency, resulting in

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

the Agency's cancellation of either the entire or incomplete portion of the failed Delivery Order, leading the Agency to order the Items from the next low bid Vendor or a third party, and further, subject to Liquidated Damages per these Specifications and terms of Standard Specs Section 108.7 and the table referenced therein.

Any Agency seeking to obtain Items from the open market under this provision must first obtain approval of the Purchasing Division.

7.2.1 Liquidated Damages: If the Vendor's delivery/work completion or corrections of deficient work exceeds the Delivery Order completion due date/timeframe, the Vendor shall agree that no extension of contract time will be granted unless Liquidated Damages are applied by the WVDOH in the form of an off-set reduction to the total amount of the Vendor's final invoice. The WVDOH shall calculate Liquidated Damages per project beginning on day one after the WVDOH's specified Delivery Order due date, in accordance with this Section, the contract's Terms and Conditions, and the Standard Specs Section 108.7, as amended.

7.3 Delivery Payment/Risk of Loss: Standard order delivery shall be F.O.B. destination to the Agency's location. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.

7.4 Return of Unacceptable Items: If the Agency deems the Contract Items to be unacceptable, the Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either arrange for the return within five (5) days of being notified that Items are unacceptable or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable Items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.

7.5 Return Due to Agency Error: Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for Items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned Items.

8. VENDOR DEFAULT:

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

- 8.1** The following shall be considered a vendor default under this contract.
- 8.1.1** Failure to provide Contract Items in accordance with the requirements contained herein.
 - 8.1.2** Failure to comply with other specifications and requirements contained herein.
 - 8.1.3** Failure to comply with any laws, rules, and ordinances applicable to the contract Services provided under this contract.
 - 8.1.4** Failure to remedy deficient performance upon request.
- 8.2** The following remedies shall be available to Agency upon default.
- 8.2.1** Immediate cancellation of the contract.
 - 8.2.2** Immediate cancellation of one or more Delivery Orders issued under this contract.
 - 8.2.3** Any other remedies available in law or equity.

9. MISCELLENOUS:

- 9.1 No Substitutions:** The Vendor shall supply only Contract Items submitted in response to this Solicitation unless a contract modification is approved in accordance with the provisions contained in this contract.
- 9.2 Vendor Supply:** The Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this contract. By signing its bid, the Vendor certifies that it can supply the Contract Items contained in its bid response.
- 9.3 Reports:** The Vendor shall provide to the Agency and/or WV Purchasing Division quarterly reports, annual summaries, and/or reports as requested showing, but not limited to, the Contract Items purchased, quantities, shipments, and the total dollar value, with corresponding dates and delivery locations during the term of this contract. Failure to supply such reports may be grounds for cancellation of this contract.
- 9.4 Contract Manager:** During its performance of this contract, the Vendor must designate and maintain a primary Contract Manager responsible for overseeing the Vendor's responsibilities under this contract. The Contract Manager must be available during normal business hours to address any customer service or other

REQUEST FOR QUOTATION
Repair Products for Bridges and Roads

issues related to this contract. The Vendor should list its Contract Manager and his or her contact information below.

Contract Manager: Jeremiah Stratton
Telephone Number: 614-325-8754
Fax Number: 419-626-5477
Email Address: jstratton@sealmaster.net

Vendor shall inform the Agency in writing of any changes to the information provided above and/or changes to support personnel supplied by the Vendor on ATT B within ten (10) calendar days of such changes. Failure to comply may be grounds for cancellation of this contract.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of a Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

Term Contract

Initial Contract Term: This Contract becomes effective on upon award and the initial contract term extends until (1) one year.

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to two (2) successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Alternate Renewal Term – This contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

Fixed Period Contract with Renewals: This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that maintenance, monitoring, or warranty services will be provided for _____ year(s) thereafter.

One Time Purchase: The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

Other: See attached _____

4. AUTHORITY TO PROCEED: Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for “Fixed Period Contract” or “Fixed Period Contract with Renewals” has been checked in Section 3 above. If either “Fixed Period Contract” or “Fixed Period Contract with Renewals” has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the contract via change order to memorialize the official date that work commenced.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

Open End Contract: Quantities listed in this Solicitation are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith.

Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

One Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General’s office.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute of breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

BID BOND (Construction Only): Pursuant to the requirements contained in W. Va. Code § 5-22-1(c), All Vendors submitting a bid on a construction project shall furnish a valid bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

PERFORMANCE BOND: The apparent successful Vendor shall provide a performance bond in the amount of 100% of the contract. The performance bond must be received by the Purchasing Division prior to Contract award.

LABOR/MATERIAL PAYMENT BOND: The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable. Notwithstanding the foregoing, West Virginia Code § 5-22-1 (d) mandates that a vendor provide a performance and labor/material payment bond for construction projects. Accordingly, substitutions for the performance and labor/material payment bonds for construction projects is not permitted.

MAINTENANCE BOND: The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below and must include the State as an additional insured on each policy prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed in this section.

Vendor must maintain:

- Commercial General Liability Insurance** in at least an amount of: one million dollars (1,000,000) per occurrence.
- Automobile Liability Insurance** in at least an amount of: _____ per occurrence.
- Professional/Malpractice/Errors and Omission Insurance** in at least an amount of: _____ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.
- Commercial Crime and Third Party Fidelity Insurance** in an amount of: _____ per occurrence.
- Cyber Liability Insurance** in an amount of: _____ per occurrence.
- Builders Risk Insurance** in an amount equal to 100% of the amount of the Contract.
- Pollution Insurance** in an amount of: _____ per occurrence.
- Aircraft Liability** in an amount of: _____ per occurrence.
- State of West Virginia must be listed as additional insured on insurance certificate. Certificate Holder should read as follows:**

+

- State of WV
1900 Kanawha Blvd. E. Bldg.5
Charleston, WV 25305

Notwithstanding anything contained in this section to the contrary, the Director of the Purchasing Division reserves the right to waive the requirement that the State be named as an additional insured on one or more of the Vendor's insurance policies if the Director finds that doing so is in the State's best interest.

9. WORKERS' COMPENSATION INSURANCE: The apparent successful Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. [Reserved]

11. LIQUIDATED DAMAGES: This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

_____ for _____

Liquidated Damages Contained in the Specifications

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices, in arrears.

15. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

20. TIME: Time is of the essence with regard to all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE WITH LAWS: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it 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. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/default.html>.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

32. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor 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 agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

33. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to 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 Vendor.

34. VENDOR CERTIFICATIONS: By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein.

Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. PURCHASING AFFIDAVIT: In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State, Vendors are required to sign, notarize, and submit the Purchasing Affidavit to the Purchasing Division affirming under oath that it is not in default on any monetary obligation owed to the state or a political subdivision of the state.

38. ADDITIONAL AGENCY AND LOCAL GOVERNMENT USE: This Contract may be utilized by other agencies, spending units, and political subdivisions of the State of West Virginia; county, municipal, and other local government bodies; and school districts (“Other Government Entities”), provided that both the Other Government Entity and the Vendor agree. Any extension of this Contract to the aforementioned Other Government Entities must be on the same prices, terms, and conditions as those offered and agreed to in this Contract, provided that such extension is in compliance with the applicable laws, rules, and ordinances of the Other Government Entity. A refusal to extend this Contract to the Other Government Entities shall not impact or influence the award of this Contract in any manner.

39. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

40. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.division@wv.gov.

41. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision. The State reserves the right to prohibit a service provider’s employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check.

Revised 02/10/2021

Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

42. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
- c. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
- d. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

43. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a

“substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

44. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the vendor must submit to the Agency a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-award interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

45. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Jeremiah Stratton, Director of D.O.T. Sales

(Name, Title)

Jeremiah Stratton, Director of D.O.T. Sales

(Printed Name and Title)

P.O. Box 2218 - Sandusky, OH 44870

(Address)

614-325-8754 / 419-626-5477

(Phone Number) / (Fax Number)

jstratton@sealmaster.net

(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

ThorWorks Industries, Inc.

(Company)



(Authorized Signature) (Representative Name, Title)

Jeremiah Stratton, Director of D.O.T. Sales

(Printed Name and Title of Authorized Representative)

06/08/2021

(Date)

614-325-8754 / 419-626-5477

(Phone Number) (Fax Number)

West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

Pursuant to *W. Va. Code* § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$1 million or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation, but does not include publicly traded companies listed on a national or international stock exchange.

"Interested party" or *"Interested parties"* means:

- (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
- (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company); and
- (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of *W. Va. Code* § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.

Revised June 8, 2018

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: ThorWorks Industries, Inc. Address: P.O. Box 2218
Sandusky, OH 44870

Name of Authorized Agent: Jeremiah Stratton Address: P.O. Box 2218 - Sandusky, OH 44870

Contract Number: CRFQ 0803 DOT2100000141 Contract Description: REPAIR PRODUCTS FOR BRIDGES & ROADS 6621C024

Governmental agency awarding contract: State of West Virginia Centralized Request for Quote Highways

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: *Jeremiah Stratton* Date Signed: 06/08/2021

Notary Verification

State of West Virginia, County of Raleigh:

I, JEREMIAH STRATTON, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 8th day of June, 2021.
Jeremiah Stratton
Notary Public's Signature

To be completed by State Agency:
Date Received by State Agency: _____
Date submitted to Ethics Commission: _____
Governmental agency submitting Disclosure: _____





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

State of West Virginia
 Centralized Request for Quote
 Highways

Proc Folder: 868356			Reason for Modification:
Doc Description: REPAIR PRODUCTS FOR BRIDGES & ROADS 6621C024			
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2021-05-17	2021-06-09 13:30	CRFQ 0803 DOT2100000141	1

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code:

Vendor Name : ThorWorks Industries, Inc.

Address : 2520 S. Campbell St.

Street : _____

City : Sandusky

State : Ohio

Country : U.S.A.

Zip : 44870

Principal Contact : Jeremiah Stratton

Vendor Contact Phone: 614-325-8754

Extension:

FOR INFORMATION CONTACT THE BUYER

John W Estep
 304-558-2566
 john.w.estep@wv.gov

Vendor Signature X  **FEIN#** 41-1529458 **DATE** 06/08/2021

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION**REQUEST FOR QUOTATION:**

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Division of Highways to establish an open-end contract to provide various rapid-setting mortar, concrete, asphalt, bridge surface, and other repair products for use in the preventive maintenance bridges and roadways at various locations statewide. Per the Bid Requirements, Specifications, Terms and Conditions attached to this Solicitation.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	VARIOUS BRIDGE REPAIR PRODUCTS	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
30111500	ThorWorks Industries, Inc. / SealMaster	SealMaster Part #TR125DA - CrackPro 125DA Crack Seal Melter (Heated Hose Melter w/ Air Compressor	

Extended Description:

VARIOUS BRIDGE REPAIR PRODUCTS PER THE ATTACHED PRICING PAGES PER DISTRICT

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Tech Questions Due by 10:00am	2021-05-26

	Document Phase	Document Description	Page
DOT2100000141	Final	REPAIR PRODUCTS FOR BRIDGES & ROADS 6621C024	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: THORWORKS INDUSTRIES, INC.

Authorized Signature: *[Signature]* Date: 06/08/2021

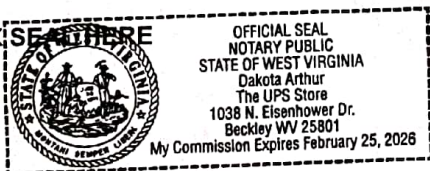
State of West Virginia

County of Putnam, to-wit:

Taken, subscribed, and sworn to before me this 8th day of June, 2021.

My Commission expires Feb 25, 2026.

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 01/19/2018)

CRACK PRO® MASTIC MACHINE

250- & 300-GALLON CAPACITY MODELS

ENGINEERED FOR EFFICIENCY & SAFETY

NEW!

Crack Pro Mastic Machine Features:

- **Diesel** engine and heating system. No propane required.*
- **Oil-jacketed kettle with fast heat-up time** (Approximately 2.5 hours from a cold start).
- **Plow-point agitation** for faster heat-up, with forced material discharge.
- Agitation system provides **unmatched power / torque with safety interlocks** to protect the operator and prevent damage to the machine.
- Hydraulic system is **highly efficient and designed to run cool** (lowering maintenance costs), providing power to the torque-mounted, planetary agitation drive system.
- The waterproof steel control cabinet houses the **Crack Pro brand's proven control system.**
 - Burner temperature controllers with improved material temperature accuracy
 - Safety interlocks
 - Forward / reverse agitation switch
 - Work and strobe lights
- Heavy duty, 6-inch adjustable knife discharge valve to cut through the mastic aggregate.
- Heated **discharge chute stays hot without propane or hot oil** and will not catch on fire when idle. The chute is easily removed for use with wheeled and hand-held applicators.
- **Pail-warmer** melts material from metal pails used in application.
- **Large tool heater box** utilizes a diesel-fired burner with automatic shutoff to prevent overheating tools and wasting fuel.
- Adjustable pintle eye to match hitch height, tandem axle, for good, stable towing and operation. Complete with **battery powered break-away and LED light packages.**
- **Low-cost operation** with highly efficient heating and low-horsepower requirements.
 - The 30-gallon fuel tank allows **15 to 25 hours of operation between fill-ups.**
- **Overnight heaters** allow for quicker application the next day.
- **Maintenance is a breeze** with a 600-degree-rated bearing on the rear and a packing gland with internal grease ports for direct lubrication into the gland on the front. This machine was built with maintenance in mind and easy access to all components that require periodic service. (burners, packing glands, grease Zerks, engine, and drive system).

*A propane torch is available to assist in heating and cleaning application equipment, and to supplement heating the chute and valve during cold weather application.



SPECIFICATIONS:

Model	CP 250	CP 300
Tank Capacity	250 gallon	300 gallon
Heat Transfer Oil	35 gallons	42 gallons
Max. BTU Input	372,000	372,000
Construction	Oil Jacket	Oil Jacket
Temp. Control	Digital	Digital
Tank Opening Material	16" x 24"	16" x 24"
Tank Opening Pail Heat	16" x 16" x 16"	16" x 16" x 16"
Insulation	1.5"	1.5"
Agitation Forward Reverse	Plow-point forced discharge	Plow-point forced discharge
Heating System	Diesel burner	Diesel burner
Power Unit Diesel	Kubota D 602	Kubota D 602
Tandem Axle Suspension	6,000 lb. axles	6,000 lb. axles
Loading Height	60"	60"
Overall Height with Light Kit	108"	108"
Width	82"	82"
Length	200"	212"

PRODUCT #	DESCRIPTION	WEIGHT
E2775	250 Gallon	5,660 lbs.
E2776	300 Gallon	5,860 lbs.
PE2680	Arrowboard	

* Call for pricing

STANDARD FEATURES:



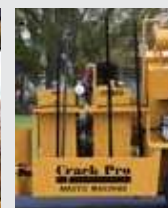
Diesel Tool Box Heater



Heated Adjustable Locking Chute



Control Box



Tool Rack



Internally lubricated packing gland with drip catch pan

NEW!



250 GALLON CRACK PRO MASTIC MACHINE

Shown with Optional Arrowboard



Full Light Kit with Work Area Lighting, Strobe Light, and optional Arrowboard



Pail Heater

CRACKMASTER MASTIC
The ideal product for large cracks, bridge joints, plug joints, manhole cover areas, utility joints and more. Mastic consists of rubberized asphalt binder and aggregate.
SEE PAGE 23

CRACK PRO® HEATED HOSE MACHINES

OIL-JACKETED MELTER / APPLICATORS
FOR HOT POUR CRACK SEALING MATERIALS

ALL DIESEL POWER FOR MAXIMUM EFFICIENCY!

Both the burner and the engine are powered by diesel fuel for maximum safety, efficiency, and performance.

Crack Pro Heated Hose Machine Features:

- State-of-the-art heated hose maintains material temperature throughout the application process
- Industry's fastest heat-up and recovery, (ready to apply product within 1 hour).
- The waterproof steel control cabinet houses all safety interlocks, operations and monitoring of the heating systems (*hose, material, heat transfer oil*), agitation, pump and audible horn for directional control.
- Anti-splash material loading hatch for safer loading
- Insulated with 1.5" ceramic, covered by a 14-gauge steel outer body
- Electro-hydraulic manifold with flow control for pump and mixer speeds
- Liquid cooled Kubota diesel engine
- Diesel fired Beckett Burners are electronically controlled with auto shut off, and side mounted for easy maintenance
- Horn button on wand notifies driver to move ahead or back
- Direct-drive FWD/REV full sweep agitation

TR 125 & 260 DA Model Features:

- Direct drive air compressor with 100' x 5/8" reeled hose & wand
- V1505 Kubota diesel engine

PRODUCT #	DESCRIPTION	WEIGHT
E2745HH	TR 125 D	3,700 lbs.
E2747HH	TR 125 DA	4,000 lbs.
E2755HH	TR 260 D	5,000 lbs.
E2765HH	TR 260 DA	5,300 lbs.
E2755DPH	TR 260 Double Pump	5,300 lbs.
P74001	Upgrade to a 22" hose	

* Call for pricing

ALSO AVAILABLE...



TR 260 Double Pump now available!

SPECIFICATIONS:

Tank Capacity	125, 260 gallons
Heat Transfer Oil	25, 30 gallon capacity
Maximum BTU Input	372,000 BTU
Construction	Oil jacket type tank
Temperature Control	Automatic Electronic
Tank Opening	16" x 24" no splash material loading
Insulation	1 1/2" High Temperature Ceramic
Agitation	Full Sweep, Hydraulically Driven, Forward / Reverse
Material Pump	2" Steel Gear, Reversible
Heating System	Bottom fired forced air diesel fuel
Suspension	Torsion type axle with 5 lug tubeless tire
Application Hose	3/4" x 18' electric hose [22' available]
Heated Hose	Eliminates need to flush out hose for cleanup

	CP 125	CP 260
Loading Height	54"	48"
Overall Height	80"	90"
Width	78"	93"
Length	192"	206"
Empty Weight	3,700 lbs.	5,000 lbs.
Empty Weight with conveyor	4,200 lbs.	5,500 lbs.
Height with conveyor	8' 6"	8' 6"

STANDARD FEATURES ON ALL "D" AND "DA" MODELS:



Digital Control Center with protective steel cover



Anti-Splash Material Loading Hatch



Electro-hydraulic manifold



Liquid Cooled Kubota Diesel Engine



Horn button on wand



Diesel fired Beckett Burner



Direct-Drive FWD/REV Full Sweep Agitation

STANDARD FEATURES ON ALL "DA" MODELS:



Direct Drive Air Compressor



100' x 5/8" Reeled Hose & Wand



V1505 Kubota Diesel Engine

CP-125 HEATED HOSE MACHINE



CP-260 HEATED HOSE MACHINE



CRACK PRO® MELTER / APPLICATOR OPTIONS

PRODUCT #	DESCRIPTION
<i>Options:</i>	
PE2710	Material Block Conveyor
E2680	Hydraulic surge brake assembly
P553A008	2 5/16" ball hitch
PE2680	Arrowboard
P447A001	Fire extinguisher - 10 lbs.
P74000B231	Engine security cover
P163A012	Crack sealing square
P74000B004	Tool box
P74002	LP tank stand
P74000B301	Spare Tire Mount
P514A017	15" Spare Tire Assembly
P470A003	2" application swivel disc
P470A002	3" application swivel disc
P470A007	5" application swivel disc



Arrowboard

State-of-the-art material conveyor for optimum safety and convenience





CRACK PRO® HEATED HOSE MACHINE

AVAILABLE ON PAGE 69

CRACKMASTER 1190

Designed for use on roads and highways. Recommended for oil-jacketed kettles. Moderate climates - flexible to 0°F.

PRODUCT #	DESCRIPTION	PRICE
M1078L	CrackMaster 1190	\$.99 per lb.

* Also available in state modified formula containing no crumb rubber [CrackMaster 1190 NR] or elevated levels of crumb rubber [CrackMaster 1190 R]*

CRACKMASTER 1190 NR

Recommended for sealing joints in roads and parking lots. Recommended for oil-jacketed kettles.

PRODUCT #	DESCRIPTION	PRICE
M1079L	CrackMaster 1190 NR	\$.99 per lb.

CRACKMASTER 5078

Designed for use in oil-jacketed kettles. Ideal for use on roads and highways. Cool climates - flexible to 10°F.

PRODUCT #	DESCRIPTION	PRICE
M1067L	CrackMaster 5078	\$.88 per lb.

CRACKMASTER PF

Polymer modified fiber sealant containing approximately 5% polyester fibers. Designed for use in oil-jacketed kettles. Ideal for use on roads and highways. Moderate to hot climates - flexible to 0°F.

PRODUCT #	DESCRIPTION	PRICE
M1077L	CrackMaster PF	\$ 1.18 per lb.

CRACKMASTER PF IV

Meets Ohio DOT, type IV specification. Contains approximately 2% polyester fiber content. Designed for use in oil-jacketed kettles. Ideal for use on roads and highways. Remains flexible in all climates.

PRODUCT #	DESCRIPTION	PRICE
M1076L	CrackMaster PF IV	\$ 1.18 per lb.

CRACKMASTER MA

Marker adhesive designed for use in both direct-fired kettles with agitation and oil-jacketed kettles. Ideal for use on roads and highways. Flexible in moderate to hot climates.

PRODUCT #	DESCRIPTION	PRICE
M1055L	CrackMaster MA	\$.99 per lb.

CRACKMASTER CJA

A cold joint adhesive designed for use in oil-jacketed kettles. Ideal for use on roads and highways. Remains flexible in all climates.

PRODUCT #	DESCRIPTION	PRICE
M1061L	CrackMaster CJA	\$ 1.02 per lb.

* Also available in state modified formula for Alaska, CrackMaster CJA II*

CRACKMASTER 544

Polymer modified, polyester-fibered sealant designed for use with oil-jacketed kettles. Contains approximately 1/2% polyester fiber content. Ideal for use on roads and highways.

PRODUCT #	DESCRIPTION	PRICE
M1057L	CrackMaster 544	\$.86 per lb.

CRACKMASTER TRM

Designed for use with oil-jacketed kettles. Contains a high crumb rubber content. Ideal for use on roads and highways.

PRODUCT #	DESCRIPTION	PRICE
M1054L	CrackMaster TRM	\$.99 per lb.

CRACKMASTER 3725

Recommended for oil-jacketed kettles. Designed for use on roads and highways. Very cold climates - flexible to -40°F.

PRODUCT #	DESCRIPTION	PRICE
M1062L	CrackMaster 3725	\$ 1.20 per lb.

CRACKMASTER 6690 TYPE 1

The ideal product for the contractor who wants a single product to use in both road and parking lot applications. Meets ASTM D 6690 Type 1 (formerly ASTM D 1190). Can be used in oil-jacketed kettles or direct fire kettles with agitation.

PRODUCT #	DESCRIPTION	PRICE
M1052L	CrackMaster 6690 Type 1	\$ 1.01 per lb.

CRACKMASTER MASTIC

The ideal product for large cracks, bridge joints, plug joints, manhole cover areas, utility joints and more. Mastic consists of rubberized asphalt binder and aggregate.

PRODUCT #	DESCRIPTION	PRICE
Call for pricing and product details		



CRACKMASTER MASTIC GRAY

SMT-291

REVISED 03/29/20

PRODUCT DESCRIPTION

CrackMaster Mastic Gray is a hot-applied, synthetic polymer-modified resin compound containing mineral fillers, chopped fibers, and graded aggregates. It is designed to replace traditional cementitious pavement repairs, which are prone to failure due to their stiffness. CrackMaster Mastic Gray meets all requirements of ASTM D8260-20.

- Load transferring repair with superior tensile strength and flexibility.
- Accommodates limited joint/crack movement due to thermal expansion and contraction, and vibratory movements.
- Resistant to water intrusion and broad range of salts, bases and organic materials.
- Long term repair solution for concrete structures.
- Cures at low temperatures.

RECOMMENDED USES

CrackMaster Mastic Gray is a flexible repair for joints, large cracks, spalls, and pot holes in asphalt and concrete.

PERFORMANCE CHARACTERISTICS

Table 1 - Physical Properties Of CrackMaster Mastic Gray		
ASTM	Test Description	Result
	Color	Gray
D8260	Mastic Resilience	50% Minimum
D8260	Effects of Rapid Deformation	No cracking, chipping, or separation, 8 N-m, -7 °C
D8260	Crack Bridging	3 cycles, -7 °C
D8260	Mastic Stability	40.0 mm maximum @ 70°C
	Recommended Application Temperature	300 – 380 °F
	Specific Gravity	1.8 – 2.0

SURFACE PREPARATIONS

The joint or crack shall be milled with an approved milling machine to the specified width and depth. The pot hole or spall shall be milled, saw cut and jack hammered, or cored and jack hammered to remove the defective areas. The repair surfaces are cleaned and dried with a hot air lance. The recessed area and vertical walls are treated with a primer agent to promote adhesion and prevent moisture intrusion (for concrete applications only).

APPLICATION PROCEDURES

Application of the CrackMaster Mastic Gray material shall be by factory trained and certified installation professionals.

CrackMaster Mastic Gray material is heated in a thermostatically controlled, purpose-built mixer, having a horizontal agitator that ensures complete mixing. Once the material reaches approximately 300 to 320 °F (149 to 160 °C), pour molten CrackMaster Mastic Gray into the prepared area, sealing the bottom of the repair from water intrusion.

If the depth of the repair exceeds one inch, the remainder of the repair process will consist of layering coarse, hot angular aggregate (cleaned and dried) at a rate of 25% - 55% by volume with the molten CrackMaster Mastic Gray until within 3/4" of the top of the repair. The bulking aggregate must be worked into the patch completely. Depth limitations are 3/4" to full depth. NO DRY LAYERS OF BULKING AGGREGATE WILL BE ALLOWED.

The final 3/4" of the repair will be CrackMaster Mastic Gray material for optimum flexibility of the repair. Once the top layer has been screeded to a level grade, a high PSV aggregate will be applied to the top of the repair to ensure proper skid resistance. Depending on the depth of the repair, CrackMaster Mastic Gray will be ready for traffic return between 30 and 60 minutes.

All removed materials and residual repair materials will be recovered and disposed of away from the site according to the client's specifications. All Federal, State and OSHA safety requirements must be followed during installation.

CAUTIONS

See SDS for complete safety precautions prior to use. Use HSE-approved personal protective equipment (PPE), including safety glasses, gloves and confined space equipment/procedures if applicable. Avoid skin contact; do not ingest. For professional use only.

PACKAGING AND AVAILABILITY

CrackMaster Mastic Gray is available in a 50 pound meltable bag. CrackMaster Mastic Gray is supported by a national network of SealMaster manufacturing facilities along with a national network of qualified applicators.

LIMITATIONS / SHELF LIFE

Two (2) years when stored in a dry place in original, closed packaging. Optimal storage temperature: 60 to 70 °F (15 to 20 °C).

WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended

CRACKMASTER MASTIC GRAY

SMT-291

REVISED 03/29/20

to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.

CRACKMASTER MASTIC PL PARKING LOT

SMT-289

REVISED 04/01/21

PRODUCT DESCRIPTION

CrackMaster Mastic PL Parking Lot is a hot-applied polymer modified asphalt mixed with specially designed aggregate and modifier combinations that is chosen to properly fill wide cracks and defects, thus allowing for prevention of water infiltration while restoring and improving traffic quality.

RECOMMENDED USES

CrackMaster Mastic PL Parking Lot is designed as a long-term repair solution for wide thermal cracks, fatigue cracking, rutting and depressed, broken-up areas in parking lots and intersections. CrackMaster Mastic PL Parking Lot can be used use around solid structures in flexible pavements like manholes, gutters, and drains.

PERFORMANCE CHARACTERISTICS

Table 1 - Physical Properties Of CrackMaster Mastic PL Parking Lot		
ASTM	Test Description	Result
D5329	Cone Penetration 77°F (150G/5s)	45 Max
D36	Softening Point	180°F Min
D3111	Flexibility 1" Mandrel: 90° bend 2s	Pass 20°F (7°C)
D5329	Tensile Adhesion: 77°F/25°C	400% min
D5329	Resilience: 77°F/25°C	30% min
	Asphalt Compatibility	Compatible
	Recommended Application Temp	380°F
	Maximum Heating Temp	400°F

USAGE GUIDELINES

Read and follow application instructions before use. This product must be heated using indirect heating methods, either a double boiler or hot oil circulating kettle. Equipment must be capable of maintaining constant agitation to the material to keep aggregate suspended evenly.

SURFACE PREPARATIONS

Proper surface preparation facilitates adequate adhesion and consequently the maximum life of the mastic sealant. In order for proper adhesion, the crack/joint must be free of moisture, dust, loose aggregate, and other contaminants. The substrate and air temperatures must be 40°F or above and rising. Use oil-free compressed air and heat to clean and dry the joint immediately prior to sealing.

MELTING AND APPLICATION PROCEDURES

The melting kettle should be a double boiler or conventional oil jacketed unit equipped with an agitator and temperature control devices for both the

material and heat transfer oil. Carefully insert small quantities of CrackMaster Mastic PL Parking Lot into the melting equipment while the agitator is turned off. Load material slowly to avoid splash back. After the initial load has reached the recommended pouring temperature, fresh material may be added to the melter as required. Melt only the material that will be used during that day. Purge material remaining in the kettle lines at the end of each sealing operation. The material may be safely reheated and can be applied using a pressure feed wand system or a pour pot.

PACKAGING AND AVAILABILITY

CrackMaster Mastic PL Parking Lot is packed in 40 lb. polybags in a high strength corrugated box. Each pallet contains 56 boxes of approximately 2,240 pounds.

WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.

CRACKMASTER MASTIC ROADS

SMT-288

REVISED 04/01/21

PRODUCT DESCRIPTION

CrackMaster Mastic Roads is a hot-applied polymer modified asphalt mixed with specially designed aggregate and modifier combinations that is chosen to properly fill wide cracks and defects, thus allowing for prevention of water infiltration while restoring and improving traffic quality.

RECOMMENDED USES

CrackMaster Mastic Roads is designed as a long-term repair solution for wide thermal cracks, fatigue cracking, rutting and depressed, broken-up areas. CrackMaster Mastic Roads can be used on streets & roads in all climates.

PERFORMANCE CHARACTERISTICS

Table 1 - Physical Properties Of CrackMaster Mastic Roads		
ASTM	Test Description	Result
D5329	Cone Penetration 77°F (150G/5s)	60 Max
D36	Softening Point	200°F Min
D3111	Flexibility 1" Mandrel: 90° bend 2s	Pass 20°F (7°C)
D5329	Tensile Adhesion: 77°F/25°C	400% min
D5329	Resilience: 77°F/25°C	40% min
	Asphalt Compatibility	Compatible
	Recommended Application Temp	380°F
	Maximum Heating Temp	400°F

SPECIFICATIONS

ASTM-D8260-20

USAGE GUIDELINES

Read and follow application instructions before use. This product must be heated using indirect heating methods, either a double boiler or hot oil circulating kettle. Equipment must be capable of maintaining constant agitation to the material to keep aggregate suspended evenly.

SURFACE PREPARATIONS

Proper surface preparation facilitates adequate adhesion and consequently the maximum life of the mastic sealant. In order for proper adhesion, the crack/joint must be free of moisture, dust, loose aggregate, and other contaminants. The substrate and air temperatures must be 40°F or above and rising. Use oil-free compressed air and heat to clean and dry the joint immediately prior to sealing.

MELTING AND APPLICATION PROCEDURES

The melting kettle should be a double boiler or

conventional oil jacketed unit equipped with an agitator and temperature control devices for both the material and heat transfer oil. Carefully insert small quantities of CrackMaster Mastic Roads into the melting equipment while the agitator is turned off. Load material slowly to avoid splash back. After the initial load has reached the recommended pouring temperature, fresh material may be added to the melter as required. Melt only the material that will be used during that day. Purge material remaining in the kettle lines at the end of each sealing operation. The material may be safely reheated and can be applied using a pressure feed wand system or a pour pot.

PACKAGING AND AVAILABILITY

CrackMaster Mastic Roads is packed in 40 lb. polybags in a high strength corrugated box. Each pallet contains 56 boxes of approximately 2,240 pounds.

WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.



PATCHMASTER™ HIGH PERFORMANCE POTHOLE PATCH

THE COLD PATCH WITH HOT MIX PERFORMANCE

Advantages:

- Easy to use - simply pour from bag and tamp or drive over with car wheels. No heating required
- PatchMaster can be applied in any weather
- Fills potholes in both asphalt and concrete. Ideal for full depth repair
- Packaged in 50 lb. weatherproof bags and 55-gallon drums
- Ideal for roads, streets, parking lots, driveways, and other pavement surfaces

PRODUCT #	DESCRIPTION	WEIGHT	PRICE
M1150	50 lb. Bag	50 lbs.	\$ 15.99
M1150D	55 - Gallon Drum	700 lbs.	\$ 203.99

MIXING PROCEDURES: No mixing required. Simply pour from pail or bag, spread, and tamp in place.

MATERIAL REQUIREMENTS (coverage): One 50 lb. bag will cover approximately 5 square feet at 1" depth or 2.5 square feet at 2" depth.



HAND TAMPERS & ASPHALT LUTES

AVAILABLE ON PAGE 90

PATCHMASTER

Pothole Patch

SMT-210

REVISED 06/03/09

PRODUCT DESCRIPTION & BENEFITS

PatchMaster is a cold-applied high performance pothole patch material. It is an all-weather material that can be used to fill potholes in wet or dry conditions. PatchMaster remains pliable at temperatures as low as -20°F.

USES

A fast, economical, easy to use pothole patch for parking lots, driveways, roads, streets, and more.

COMPOSITION

A special blend of asphaltic resins, oils, and aggregate.

SIZES

Available in 50 lb. weatherproof plastic bags.

COLOR

Dries Black.

LIMITATIONS

Do not apply over ice or snow. Store in a warm place to enhance workability.

TECHNICAL DATA

(see chart below)

Chemical & Physical Analysis	
Aggregate	
PatchMaster aggregate consists of crushed limestone complying with the requirements of ASTM C-33.	
Gradation of Passing Aggregate:	
Sieve Size	% Passing
3/8 in	100
4	20-85
8	2-40
16	0-10
50	0-6
200	0-2
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.
Bituminous Material	
The bituminous binder component of PatchMaster conforms to the following requirements:	
ASTM D-1310 Flash Point (TOC)	94°C (200°F) Minimum
ASTM D-2170 Kinematic Viscosity at 60°C (140°F)	300 - 400
ASTM D-95 Water	0.2% Max.

ASTM D-402 Distillate Test:	
To 225 degrees C (437°F)	None
To 260 degrees C (500°F)	0 - 5%
To 315 degrees C (600°F)	0 - 25%
Residue from distillate at 300 degrees C (680°F)	72 - 95%
Residue Tests:	
ASTM D-2171 ABS. Viscosity at 60°C (140°F)	125 - 425 Poises
ASTM D-5 Penetration	200 min.
ASTM D-113 Ductility at 4°C (39°F) 1 cm/min	100 min.
ASTM D-2042 Solubility in Trichloroethylene	99% min.

INSTALLATION

Remove loose material, debris, snow, and standing water from pothole prior to application.

METHODS

Pothole patch can be poured directly from container or shoveled into pothole. Use hand tamp, roller, or vehicle tires to compact material.

MIXING PROCEDURES

Store PatchMaster Pothole Patch in warm area to enhance workability. PatchMaster is a ready to use product. Simply pour or shovel from container.

APPLICATION

Apply PatchMaster directly from bag. Fill to a height of 1/2" above surrounding pavement. Tamp or compact into place with hand tamper, roller, or car wheels.

ESTIMATING MATERIAL REQUIREMENTS

One 50 lb. bag of PatchMaster will cover approximately 5 square feet at 1" depth or 2.5 square feet at 2" depth.

PRECAUTIONS

Keep Out Of Reach Of Children. Store containers in warm place prior to using. Use only with adequate ventilation. Avoid prolonged contact with skin and breathing of vapor.

WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.