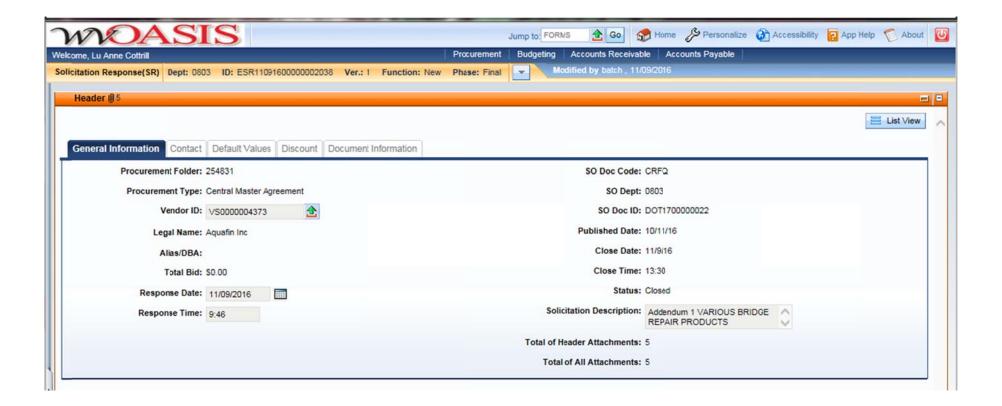
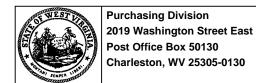


2019 Washington Street, East Charleston, WV 25305 Telephone: 304-558-2306 General Fax: 304-558-6026

Bid Fax: 304-558-3970

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.





# State of West Virginia Solicitation Response

Proc Folder: 254831

Solicitation Description: Addendum 1 VARIOUS BRIDGE REPAIR PRODUCTS

Proc Type: Central Master Agreement

Date issued	Solicitation Closes	Solicitation Response	Version
	2016-11-09 13:30:00	SR 0803 ESR11091600000002038	1

VENDOR

VS0000004373

Aquafin Inc

Solicitation Number: CRFQ 0803 DOT1700000022

**Total Bid :** \$0.00 **Response Date:** 2016-11-09 **Response Time:** 09:46:31

**Comments:** 

FOR INFORMATION CONTACT THE BUYER

Misty Delong (304) 558-8802 misty.m.delong@wv.gov

Signature on File FEIN # DATE

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

Page: 1 FORM ID: WV-PRC-SR-001

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	VARIOUS BRIDGE REPAIR PRODUCTS	1.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #	
30111500				

**Extended Description:** 

VARIOUS BRIDGE REPAIR PRODUCTS PER THE ATTACHED PRICING PAGES PER DISTRICT

VENDOR SHALL USE EXHIBIT A PRICING PAGES FOR BID PRICING.
IF SUBMITING AN ONLINE BID, VENDOR SHOULD ENTER \$0.00 ON THE COMMODITY LINE AND MUST ATTACH
COMPLETED EXHIBIT A TO THEIR BID. SEE SECTION 18 OF INSTRUCSTIONS TO BIDDERS FOR MORE

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

If proposing an equal item, the Vendor SHALL provide the manufacturer's name/brand and manufacturer's part number/model/product type in the appropriate columns below.

If no manufacturer's name/brand or manufacturer's part name/model/product type is identified in the appropriate columns below, the WVDOH will expect that the Vendor is providing the requested brands. THE EVALUATION FOR AWARD SHALL BE BASED ON THE VENDOR'S CONTRACT ITEM <u>UNIT COST BID PRICE</u>, PER DISTRICT.

The WVDOH has the option to place orders per Unit or per pallet.

Contract Item	Contract Item Description Manufacturer's Na	ame/Brand	Manufacturer's Part Name/Model/Product Type	Unit of Measure	UNIT COST BID PRICE	Estimated Quantity of Units	Extended Cost	Pallet Price	Number of Units per pallet
1	SST SILSPEC Flexpatch Polymer Patching Mortar or equal per Cubic Foot			CF		5			
2	SSI DECKSEAL Polymer Deck Sealant or equal per 2-gallon bucket			BUCK		5			
3	SSI RE-DECK Skid-Resistant Overlay or equal per 2-gallon bucket			BUCK		5			
4	Kansas Blend Flint or equal per 80# bag			BAG		5			
5	IMCO MG-KRETE Regular or equal per 50# bag			BAG		5			
6	IMCO MG-KRETE Fine or equal per 45# bag			BAG		5			
7	IMCO MG-KRETE Part B Liquid or equal for Regular or Fine per gallon			GL		5			
8	IMCO MG-KRETE NO ODOR Regular or equal per 50# bag			BAG		5			
9	IMCO MG-KRETE NO ODOR Fine or equal per 45# bag			BAG		5			
10	IMCO MG-KRETE NO ODOR Part B Liquid or equal for NO ODOR Regular or Fine per gallon			GL		5			
11	IMCO MG-KRETE Flex Regular or equal per 50# bag			BAG		5			
12	IMCO High Temperature Retarder or equal per gallon			GL		5			
13	IMCO Low Temperature Accelerator or equal per gallon			GL		5			
14	IMCO D-TECH 4/0 Sealer or equal per 5-gallon bucket			BUCK		5			
15	CHEM-CRETE PAVIX CCC100 or equal per 5-gallon bucket			BUCK		5			
16	CHEM-CRETE PAVIX CCC100 or equal per 55-gallon drum			DRUM		5			
17	CHEM-CRETE YUFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
18	CHEM-CRETE SOFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
19	AQUAFIN-IC ADMIX or equal per 6-gallon bucket Aquafin-IC ADMIX Liquic	d, 6 gal. pail	4ICA-16GP	BUCK	145.7	5	728.50	4,419.00	36
20	Perma-Patch or equal per 50# to 60# bag			BAG		5			
21	DOW Corning® 888 Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
22	DOW Corning® 890-SL Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
23	Soprema Sopralene Flam 180 or equal per 39"W x 33'L roll			ROLL		5			
24	Soprema Sopralene Flam Antirock or equal per 39"W x 33"L roll			ROLL		5			
25	Soprema Elastocol 500 Primer or equal per 5-gallon bucket			BUCK		5			
26	Soprema ALSAN Flashing or equal per 5-gallon bucket			BUCK		5			
27	Soprema ALSAN PolyFleece or "equal to" per 4"W x 50'L roll			ROLL		5			
28	Soprema ALSAN PolyFleece or equal per 6"W x 50'L roll			ROLL		5			
29	Soprema ALSAN PolyFleece or equal per 8"W x 50'L roll			ROLL		5			
30	Crafco™HP All Season Asphalt Cold Patch L or equal per 50# bag			BAG		5			
31	Crafco™HP All Season Asphalt Cold Patch M or equal per 50# bag			BAG		5			
32	Crafco™HP Concrete Cold Patch or equal per 50# bag			BAG		5			+
33	Crafco™Techcrete-R or equal per 35# bag			BAG		5			
34	Crafco™Techcrete-TBR or equal per 35# bag			BAG		5			
35	Crafco™Mastic One or equal per 40# box			BX		5			
36	Crafco™Mastic One or equal per 25# package			PKG		5			

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

If proposing an equal item, the Vendor SHALL provide the manufacturer's name/brand and manufacturer's part number/model/product type in the appropriate columns below.

If no manufacturer's name/brand or manufacturer's part name/model/product type is identified in the appropriate columns below, the WVDOH will expect that the Vendor is providing the requested brands. THE EVALUATION FOR AWARD SHALL BE BASED ON THE VENDOR'S CONTRACT ITEM <u>UNIT COST BID PRICE</u>, PER DISTRICT.

The WVDOH has the option to place orders per Unit or per pallet.

Contract				Unit of	UNIT COST	Estimated Quantity of			Number of Units per
Item	Contract Item Description	Manufacturer's Name/Brand	Manufacturer's Part Name/Model/Product Type	Measure	BID PRICE	Units	Extended Cost	Pallet Price	pallet
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or equal per Cubic Foot			CF		5			
2	SSI DECKSEAL Polymer Deck Sealant or equal per 2-gallon bucket			BUCK		5			
3	SSI RE-DECK Skid-Resistant Overlay or equal per 2-gallon bucket			BUCK		5			
4	Kansas Blend Flint or equal per 80# bag			BAG		5			
5	IMCO MG-KRETE Regular or equal per 50# bag			BAG		5			
6	IMCO MG-KRETE Fine or equal per 45# bag			BAG		5			
7	IMCO MG-KRETE Part B Liquid or equal for Regular or Fine per gallon			GL		5			
8	IMCO MG-KRETE NO ODOR Regular or equal per 50# bag			BAG		5			
9	IMCO MG-KRETE NO ODOR Fine or equal per 45# bag			BAG		5			
10	IMCO MG-KRETE NO ODOR Part B Liquid or equal for NO ODOR Regular or Fine per gallon			GL		5			
11	IMCO MG-KRETE Flex Regular or equal per 50# bag			BAG		5			
12	IMCO High Temperature Retarder or equal per gallon			GL		5			
13	IMCO Low Temperature Accelerator or equal per gallon			GL		5			
14	IMCO D-TECH 470 Sealer or equal per 5-gallon bucket			BUCK		5			
15	CHEM-CRETE PAVIX CCC100 or equal per 5-gallon bucket			BUCK		5			
16	CHEM-CRETE PAVIX CCC100 or equal per 55-gallon drum			DRUM		5			
17	CHEM-CRETE YUFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
18	CHEM-CRETE SOFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
19	AQUAFIN-IC ADMIX or equal per 6-gallon bucket	Aquafin-IC ADMIX Liquid, 6 gal. pail	4ICA-16GP	BUCK	145.7	5	728.50	4,419.00	36
20	Perma-Patch or equal per 50# to 60# bag			BAG		5			
21	DOW Corning® 888 Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
22	DOW Corning® 890-SL Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
23	Soprema Sopralene Flam 180 or equal per 39"W x 33'L roll			ROLL		5			
24	Soprema Sopralene Flam Antirock or equal per 39"W x 33"L roll			ROLL		5			
25	Soprema Elastocol 500 Primer or equal per 5-gallon bucket			BUCK		5			
26	Soprema ALSAN Flashing or equal per 5-gallon bucket			BUCK		5			
27	Soprema ALSAN PolyFleece or "equal to" per 4"W x 50'L roll			ROLL		5			
28	Soprema ALSAN PolyFleece or equal per 6"W x 50'L roll			ROLL		5			
29	Soprema ALSAN PolyFleece or equal per 8"W x 50'L roll			ROLL		5			
30	Crafco™HP All Season Asphalt Cold Patch L or equal per 50# bag			BAG		5			
31	Crafco™HP All Season Asphalt Cold Patch M or equal per 50# bag			BAG		5			
32	Crafco™HP Concrete Cold Patch or equal per 50# bag			BAG		5			
33	Crafco™Techcrete-R or equal per 35# bag			BAG		5			
34	Crafco™Techcrete-TBR or equal per 35# bag			BAG		5			
35	Crafco™Mastic One or equal per 40# box			BX		5			
36	Crafco™Mastic One or equal per 25# package			PKG		5			

Vendor's pricing shall include delivery to any job site located in **District 3**, which includes: Calhoun County, Jackson County, Pleasants County, Ritchie County, Roane County, Wirt County and Wood County.

If proposing an equal item, the Vendor SHALL provide the manufacturer's name/brand and manufacturer's part number/model/product type in the appropriate columns below.

If no manufacturer's name/brand or manufacturer's part name/model/product type is identified in the appropriate columns below, the WVDOH will expect that the Vendor is providing the requested brands. THE EVALUATION FOR AWARD SHALL BE BASED ON THE VENDOR'S CONTRACT ITEM <u>UNIT COST BID PRICE</u>, PER DISTRICT.

The WVDOH has the option to place orders per Unit or per pallet.

Contract Item	Contract Item Description Manufacturer's Na	ame/Brand	Manufacturer's Part Name/Model/Product Type	Unit of Measure	UNIT COST BID PRICE	Estimated Quantity of Units	Extended Cost	Pallet Price	Number of Units per pallet
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or equal per Cubic Foot		, , , , , , , , , , , , , , , , , , ,	CF		5			<del></del>
2	SSI DECKSEAL Polymer Deck Sealant or equal per 2-gallon bucket			BUCK		5			
3	SSI RE-DECK Skid-Resistant Overlay or equal per 2-gallon bucket			BUCK		5			i
4	Kansas Blend Flint or equal per 80# bag			BAG		5			i
5	IMCO MG-KRETE Regular or equal per 50# bag			BAG		5			i
6	IMCO MG-KRETE Fine or equal per 45# bag			BAG		5			i
7	IMCO MG-KRETE Part B Liquid or equal for Regular or Fine per gallon			GL		5			i
8	IMCO MG-KRETE NO ODOR Regular or equal per 50# bag			BAG		5			i
9	IMCO MG-KRETE NO ODOR Fine or equal per 45# bag			BAG		5			i
10	IMCO MG-KRETE NO ODOR Part B Liquid or equal for NO ODOR Regular or Fine per gallon			GL		5			i
11	IMCO MG-KRETE Flex Regular or equal per 50# bag			BAG		5			i
12	IMCO High Temperature Retarder or equal per gallon			GL		5			i
13	IMCO Low Temperature Accelerator or equal per gallon			GL		5			i
14	IMCO D-1ECH 470 Sealer or equal per 5-gallon bucket			BUCK		5			i
15	CHEM-CRETE PAVIX CCC100 or equal per 5-gallon bucket			BUCK		5			i
16	CHEM-CRETE PAVIX CCC100 or equal per 55-gallon drum			DRUM		5			i
17	CHEM-CRETE YUFIX CCC100 or equal per 5-gallon bucket			BUCK		5			i
18	CHEM-CRETE SOFIX CCC100 or equal per 5-gallon bucket			BUCK		5			i
19	AQUAFIN-IC ADMIX or equal per 6-gallon bucket Aquatin-IC ADMIX Liqui	id, 6 gal. pail	4ICA-16GP	BUCK	145.7	5	728.50	4,419.00	36
20	Perma-Patch or equal per 50# to 60# bag			BAG		5			i
21	DOW Corning <sup>©</sup> 888 Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
22	DOW Corning® 890-SL Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			i
23	Soprema Sopralene Flam 180 or equal per 39"W x 33"L roll			ROLL		5			1
24	Soprema Sopralene Flam Antirock or equal per 39"W x 33"L roll			ROLL		5			
25	Soprema Elastocol 500 Primer or equal per 5-gallon bucket			BUCK		5			1
26	Soprema ALSAN Flashing or equal per 5-gallon bucket			BUCK		5			1
27	Soprema ALSAN PolyFleece or "equal to" per 4"W x 50"L roll			ROLL		5			
28	Soprema ALSAN PolyFleece or equal per 6"W x 50'L roll			ROLL		5			1
29	Soprema ALSAN PolyFleece or equal per 8"W x 50'L roll			ROLL		5			i
30	Crafco™HP All Season Asphalt Cold Patch L or equal per 50# bag			BAG		5			
31	Crafco™HP All Season Asphalt Cold Patch M or equal per 50# bag			BAG		5			1
32	Crafco™HP Concrete Cold Patch or equal per 50# bag			BAG		5			
33	Crafco™Techcrete-R or equal per 35# bag			BAG		5			
34	Crafco™Techcrete-TBR or equal per 35# bag			BAG		5			
35	Crafco™Mastic One or equal per 40# box			ВХ		5			
36	Crafco™Mastic One or equal per 25# package			PKG		5			

Vendor's pricing shall include delivery to any job site located in **District 4**, which includes: Doddridge County, Harrison County, Marion County, Monongalia County, Preston County and Taylor County.

If proposing an equal item, the Vendor **SHALL** provide the manufacturer's name/brand and manufacturer's part number/model/product type in the appropriate columns below.

If no manufacturer's name/brand or manufacturer's part name/model/product type is identified in the appropriate columns below, the WVDOH will expect that the Vendor is providing the requested brands. THE EVALUATION FOR AWARD SHALL BE BASED ON THE VENDOR'S CONTRACT ITEM <u>UNIT COST BID PRICE</u>, PER DISTRICT.

The WVDOH has the option to place orders per Unit or per pallet.

Contract				Unit of	UNIT COST	Estimated Quantity of			Number of Units per
Item	Contract Item Description	Manufacturer's Name/Brand	Manufacturer's Part Name/Model/Product Type	Measure	BID PRICE	Units	Extended Cost	Pallet Price	pallet
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or equal per Cubic Foot			CF		5			
2	SSI DECKSEAL Polymer Deck Sealant or equal per 2-gallon bucket			BUCK		5			
3	SSI RE-DECK Skid-Resistant Overlay or equal per 2-gallon bucket			BUCK		5			
4	Kansas Blend Flint or equal per 80# bag			BAG		5			
5	IMCO MG-KRETE Regular or equal per 50# bag			BAG		5			
6	IMCO MG-KRETE Fine or equal per 45# bag			BAG		5			
7	IMCO MG-KRETE Part B Liquid or equal for Regular or Fine per gallon			GL		5			
8	IMCO MG-KRETE NO ODOR Regular or equal per 50# bag			BAG		5			
9	IMCO MG-KRETE NO ODOR Fine or equal per 45# bag			BAG		5			
10	IMCO MG-KRETE NO ODOR Part B Liquid or equal for NO ODOR Regular or Fine per gallon			GL		5			
11	IMCO MG-KRETE Flex Regular or equal per 50# bag			BAG		5			
12	IMCO High Temperature Retarder or equal per gallon			GL		5			
13	IMCO Low Temperature Accelerator or equal per gallon			GL		5			
14	IMCO D-TECH 470 Sealer or equal per 5-gallon bucket			BUCK		5			
15	CHEM-CRETE PAVIX CCC100 or equal per 5-gallon bucket			BUCK		5			
16	CHEM-CRETE PAVIX CCC100 or equal per 55-gallon drum			DRUM		5			
17	CHEM-CRETE YUFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
18	CHEM-CRETE SOFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
19	AQUAFIN-IC ADMIX or equal per 6-gallon bucket	Aquafin-IC ADMIX Liquid, 6 gal. pail	4ICA-16GP	BUCK	145.7	5	728.50	4,419.00	36
20	Perma-Patch or equal per 50# to 60# bag			BAG		5			
21	DOW Corning® 888 Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
22	DOW Corning® 890-SL Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
23	Soprema Sopralene Flam 180 or equal per 39"W x 33'L roll			ROLL		5			
24	Soprema Sopralene Flam Antirock or equal per 39"W x 33"L roll			ROLL		5			
25	Soprema Elastocol 500 Primer or equal per 5-gallon bucket			BUCK		5			
26	Soprema ALSAN Flashing or equal per 5-gallon bucket			BUCK		5			
27	Soprema ALSAN PolyFleece or "equal to" per 4"W x 50'L roll			ROLL		5			
28	Soprema ALSAN PolyFleece or equal per 6"W x 50'L roll			ROLL		5			
29	Soprema ALSAN PolyFleece or equal per 8"W x 50'L roll			ROLL		5			
30	Crafco™HP All Season Asphalt Cold Patch L or equal per 50# bag			BAG		5			
31	Crafco™HP All Season Asphalt Cold Patch M or equal per 50# bag			BAG		5			
32	Crafco™HP Concrete Cold Patch or equal per 50# bag			BAG		5			
33	Crafco™Techcrete-R or equal per 35# bag			BAG		5			
34	Crafco™Techcrete-TBR or equal per 35# bag			BAG		5			
35	Crafco™Mastic One or equal per 40# box			BX		5			
36	Crafco™Mastic One or equal per 25# package			PKG		5			

Vendor's pricing shall include delivery to any job site located in **District 5**, which includes: Berkeley County, Grant County, Hampshire County, Hardy County, Jefferson County, Mineral County and Morgan County.

If proposing an equal item, the Vendor SHALL provide the manufacturer's name/brand and manufacturer's part number/model/product type in the appropriate columns below.

If no manufacturer's name/brand or manufacturer's part name/model/product type is identified in the appropriate columns below, the WVDOH will expect that the Vendor is providing the requested brands. THE EVALUATION FOR AWARD SHALL BE BASED ON THE VENDOR'S CONTRACT ITEM <u>UNIT COST BID PRICE</u>, PER DISTRICT.

The WVDOH has the option to place orders per Unit or per pallet.

Contract				Unit of	UNIT COST	Estimated Quantity of			Number of Units per
Item	Contract Item Description	Manufacturer's Name/Brand	Manufacturer's Part Name/Model/Product Type	Measure	BID PRICE	Units	Extended Cost	Pallet Price	pallet
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or equal per Cubic Foot			CF		5			
2	SSI DECKSEAL Polymer Deck Sealant or equal per 2-gallon bucket			BUCK		5			
3	SSI RE-DECK Skid-Resistant Overlay or equal per 2-gallon bucket			BUCK		5			
4	Kansas Blend Flint or equal per 80# bag			BAG		5			
5	IMCO MG-KRETE Regular or equal per 50# bag			BAG		5			
6	IMCO MG-KRETE Fine or equal per 45# bag			BAG		5			
7	IMCO MG-KRETE Part B Liquid or equal for Regular or Fine per gallon			GL		5			
8	IMCO MG-KRETE NO ODOR Regular or equal per 50# bag			BAG		5			
9	IMCO MG-KRETE NO ODOR Fine or equal per 45# bag			BAG		5			
10	IMCO MG-KRETE NO ODOR Part B Liquid or equal for NO ODOR Regular or Fine per gallon			GL		5			
11	IMCO MG-KRETE Flex Regular or equal per 50# bag			BAG		5			
12	IMCO High Temperature Retarder or equal per gallon			GL		5			
13	IMCO Low Temperature Accelerator or equal per gallon			GL		5			
14	IMCO D-TECH 470 Sealer or equal per 5-gallon bucket			BUCK		5			
15	CHEM-CRETE PAVIX CCC100 or equal per 5-gallon bucket			BUCK		5			
16	CHEM-CRETE PAVIX CCC100 or equal per 55-gallon drum			DRUM		5			
17	CHEM-CRETE YUFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
18	CHEM-CRETE SOFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
19	AQUAFIN-IC ADMIX or equal per 6-gallon bucket	Aquafin-IC ADMIX Liquid, 6 gal. pail	4ICA-16GP	BUCK	145.7	5	728.50	4,419.00	36
20	Perma-Patch or equal per 50# to 60# bag			BAG		5			
21	DOW Corning® 888 Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
22	DOW Corning® 890-SL Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
23	Soprema Sopralene Flam 180 or equal per 39"W x 33'L roll			ROLL		5			
24	Soprema Sopralene Flam Antirock or equal per 39"W x 33"L roll			ROLL		5			
25	Soprema Elastocol 500 Primer or equal per 5-gallon bucket			BUCK		5			
26	Soprema ALSAN Flashing or equal per 5-gallon bucket			BUCK		5			
27	Soprema ALSAN PolyFleece or "equal to" per 4"W x 50'L roll			ROLL		5			
28	Soprema ALSAN PolyFleece or equal per 6"W x 50'L roll			ROLL		5			
29	Soprema ALSAN PolyFleece or equal per 8"W x 50'L roll			ROLL		5			
30	Crafco™HP All Season Asphalt Cold Patch L or equal per 50# bag			BAG		5			
31	Crafco™HP All Season Asphalt Cold Patch M or equal per 50# bag			BAG		5			
32	Crafco™HP Concrete Cold Patch or equal per 50# bag			BAG		5			
33	Crafco™Techcrete-R or equal per 35# bag			BAG		5			
34	Crafco™Techcrete-TBR or equal per 35# bag			BAG		5			
35	Crafco™Mastic One or equal per 40# box			BX		5			
36	Crafco™Mastic One or equal per 25# package			PKG		5			

Vendor's pricing shall include delivery to any job site located in **District 6**, which includes: Berkeley County, Grant County, Hampshire County, Hardy County, Jefferson County, Mineral County and Morgan County.

If proposing an equal item, the Vendor SHALL provide the manufacturer's name/brand and manufacturer's part number/model/product type in the appropriate columns below.

If no manufacturer's name/brand or manufacturer's part name/model/product type is identified in the appropriate columns below, the WVDOH will expect that the Vendor is providing the requested brands. THE EVALUATION FOR AWARD SHALL BE BASED ON THE VENDOR'S CONTRACT ITEM <u>UNIT COST BID PRICE</u>, PER DISTRICT.

The WVDOH has the option to place orders per Unit or per pallet.

Contract				Unit of	UNIT COST	Estimated Quantity of			Number of Units per
Item	Contract Item Description	Manufacturer's Name/Brand	Manufacturer's Part Name/Model/Product Type	Measure	BID PRICE	Units	Extended Cost	Pallet Price	pallet
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or equal per Cubic Foot			CF		5			
2	SSI DECKSEAL Polymer Deck Sealant or equal per 2-gallon bucket			BUCK		5			
3	SSI RE-DECK Skid-Resistant Overlay or equal per 2-gallon bucket			BUCK		5			
4	Kansas Blend Flint or equal per 80# bag			BAG		5			
5	IMCO MG-KRETE Regular or equal per 50# bag			BAG		5			
6	IMCO MG-KRETE Fine or equal per 45# bag			BAG		5			
7	IMCO MG-KRETE Part B Liquid or equal for Regular or Fine per gallon			GL		5			
8	IMCO MG-KRETE NO ODOR Regular or equal per 50# bag			BAG		5			
9	IMCO MG-KRETE NO ODOR Fine or equal per 45# bag			BAG		5			
10	IMCO MG-KRETE NO ODOR Part B Liquid or equal for NO ODOR Regular or Fine per gallon			GL		5			
11	IMCO MG-KRETE Flex Regular or equal per 50# bag			BAG		5			
12	IMCO High Temperature Retarder or equal per gallon			GL		5			
13	IMCO Low Temperature Accelerator or equal per gallon			GL		5			
14	IMCO D-TECH 470 Sealer or equal per 5-gallon bucket			BUCK		5			
15	CHEM-CRETE PAVIX CCC100 or equal per 5-gallon bucket			BUCK		5			
16	CHEM-CRETE PAVIX CCC100 or equal per 55-gallon drum			DRUM		5			
17	CHEM-CRETE YUFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
18	CHEM-CRETE SOFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
19	AQUAFIN-IC ADMIX or equal per 6-gallon bucket	Aquafin-IC ADMIX Liquid, 6 gal. pail	4ICA-16GP	BUCK	145.7	5	728.50	4,419.00	36
20	Perma-Patch or equal per 50# to 60# bag			BAG		5			
21	DOW Corning® 888 Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
22	DOW Corning® 890-SL Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
23	Soprema Sopralene Flam 180 or equal per 39"W x 33'L roll			ROLL		5			
24	Soprema Sopralene Flam Antirock or equal per 39"W x 33"L roll			ROLL		5			
25	Soprema Elastocol 500 Primer or equal per 5-gallon bucket			BUCK		5			
26	Soprema ALSAN Flashing or equal per 5-gallon bucket			BUCK		5			
27	Soprema ALSAN PolyFleece or "equal to" per 4"W x 50'L roll			ROLL		5			
28	Soprema ALSAN PolyFleece or equal per 6"W x 50'L roll			ROLL		5			
29	Soprema ALSAN PolyFleece or equal per 8"W x 50'L roll			ROLL		5			
30	Crafco™HP All Season Asphalt Cold Patch L or equal per 50# bag			BAG		5			
31	Crafco™HP All Season Asphalt Cold Patch M or equal per 50# bag			BAG		5			
32	Crafco™HP Concrete Cold Patch or equal per 50# bag			BAG		5			
33	Crafco™Techcrete-R or equal per 35# bag			BAG		5			
34	Crafco™Techcrete-TBR or equal per 35# bag			BAG		5			
35	Crafco™Mastic One or equal per 40# box			BX		5			
36	Crafco™Mastic One or equal per 25# package			PKG		5			

Vendor's pricing shall include delivery to any job site located in **District 7**, which includes: Barbour County, Braxton County, Gilmer County, Lewis County, Upshur County and Webster County.

If proposing an equal item, the Vendor <u>SHALL</u> provide the manufacturer's name/brand and manufacturer's part number/model/product type in the appropriate columns below.

If no manufacturer's name/brand or manufacturer's part name/model/product type is identified in the appropriate columns below, the WVDOH will expect that the Vendor is providing the requested brands. THE EVALUATION FOR AWARD SHALL BE BASED ON THE VENDOR'S CONTRACT ITEM <u>UNIT COST BID PRICE</u>, PER DISTRICT.

The WVDOH has the option to place orders per Unit or per pallet.

Contract				Unit of	UNIT COST	Estimated Quantity of			Number of Units per
Item	Contract Item Description	Manufacturer's Name/Brand	Manufacturer's Part Name/Model/Product Type	Measure	BID PRICE	Units	Extended Cost	Pallet Price	pallet
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or equal per Cubic Foot			CF		5			
2	SSI DECKSEAL Polymer Deck Sealant or equal per 2-gallon bucket			BUCK		5			
3	SSI RE-DECK Skid-Resistant Overlay or equal per 2-gallon bucket			BUCK		5			
4	Kansas Blend Flint or equal per 80# bag			BAG		5			
5	IMCO MG-KRETE Regular or equal per 50# bag			BAG		5			
6	IMCO MG-KRETE Fine or equal per 45# bag			BAG		5			
7	IMCO MG-KRETE Part B Liquid or equal for Regular or Fine per gallon			GL		5			
8	IMCO MG-KRETE NO ODOR Regular or equal per 50# bag			BAG		5			
9	IMCO MG-KRETE NO ODOR Fine or equal per 45# bag			BAG		5			
10	IMCO MG-KRETE NO ODOR Part B Liquid or equal for NO ODOR Regular or Fine per gallon			GL		5			
11	IMCO MG-KRETE Flex Regular or equal per 50# bag			BAG		5			
12	IMCO High Temperature Retarder or equal per gallon			GL		5			
13	IMCO Low Temperature Accelerator or equal per gallon			GL		5			
14	IMCO D-TECH 470 Sealer or equal per 5-gallon bucket			BUCK		5			
15	CHEM-CRETE PAVIX CCC100 or equal per 5-gallon bucket			BUCK		5			
16	CHEM-CRETE PAVIX CCC100 or equal per 55-gallon drum			DRUM		5			
17	CHEM-CRETE YUFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
18	CHEM-CRETE SOFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
19	AQUAFIN-IC ADMIX or equal per 6-gallon bucket	Aquafin-IC ADMIX Liquid, 6 gal. pail	4ICA-16GP	BUCK	145.7	5	728.50	4,419.00	36
20	Perma-Patch or equal per 50# to 60# bag			BAG		5			
21	DOW Corning® 888 Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
22	DOW Corning® 890-SL Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
23	Soprema Sopralene Flam 180 or equal per 39"W x 33'L roll			ROLL		5			
24	Soprema Sopralene Flam Antirock or equal per 39"W x 33"L roll			ROLL		5			
25	Soprema Elastocol 500 Primer or equal per 5-gallon bucket			BUCK		5			
26	Soprema ALSAN Flashing or equal per 5-gallon bucket			BUCK		5			
27	Soprema ALSAN PolyFleece or "equal to" per 4"W x 50'L roll			ROLL		5			
28	Soprema ALSAN PolyFleece or equal per 6"W x 50'L roll			ROLL		5			
29	Soprema ALSAN PolyFleece or equal per 8"W x 50'L roll			ROLL		5			
30	Crafco™HP All Season Asphalt Cold Patch L or equal per 50# bag			BAG		5			
31	Crafco™HP All Season Asphalt Cold Patch M or equal per 50# bag			BAG		5			
32	Crafco™HP Concrete Cold Patch or equal per 50# bag			BAG		5			
33	Crafco™Techcrete-R or equal per 35# bag			BAG		5			
34	Crafco™Techcrete-TBR or equal per 35# bag			BAG		5			
35	Crafco™Mastic One or equal per 40# box			BX		5			
36	Crafco™Mastic One or equal per 25# package			PKG		5			

Vendor's pricing shall include delivery to any job site located in **District 8**, which includes: Pendleton County, Pocahontas County, Randolph County and Tucker County.

If proposing an equal item, the Vendor **SHALL** provide the manufacturer's name/brand and manufacturer's part number/model/product type in the appropriate columns below.

If no manufacturer's name/brand or manufacturer's part name/model/product type is identified in the appropriate columns below, the WVDOH will expect that the Vendor is providing the requested brands. THE EVALUATION FOR AWARD SHALL BE BASED ON THE VENDOR'S CONTRACT ITEM <u>UNIT COST BID PRICE</u>, PER DISTRICT.

The WVDOH has the option to place orders per Unit or per pallet.

Contract				Unit of	UNIT COST	Estimated Quantity of			Number of Units per
Item	Contract Item Description	Manufacturer's Name/Brand	Manufacturer's Part Name/Model/Product Type	Measure	BID PRICE	Units	Extended Cost	Pallet Price	pallet
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or equal per Cubic Foot			CF		5			
2	SSI DECKSEAL Polymer Deck Sealant or equal per 2-gallon bucket			BUCK		5			
3	SSI RE-DECK Skid-Resistant Overlay or equal per 2-gallon bucket			BUCK		5			
4	Kansas Blend Flint or equal per 80# bag			BAG		5			
5	IMCO MG-KRETE Regular or equal per 50# bag			BAG		5			
6	IMCO MG-KRETE Fine or equal per 45# bag			BAG		5			
7	IMCO MG-KRETE Part B Liquid or equal for Regular or Fine per gallon			GL		5			
8	IMCO MG-KRETE NO ODOR Regular or equal per 50# bag			BAG		5			
9	IMCO MG-KRETE NO ODOR Fine or equal per 45# bag			BAG		5			
10	IMCO MG-KRETE NO ODOR Part B Liquid or equal for NO ODOR Regular or Fine per gallon			GL		5			
11	IMCO MG-KRETE Flex Regular or equal per 50# bag			BAG		5			
12	IMCO High Temperature Retarder or equal per gallon			GL		5			
13	IMCO Low Temperature Accelerator or equal per gallon			GL		5			
14	IMCO D-TECH 470 Sealer or equal per 5-gallon bucket			BUCK		5			
15	CHEM-CRETE PAVIX CCC100 or equal per 5-gallon bucket			BUCK		5			
16	CHEM-CRETE PAVIX CCC100 or equal per 55-gallon drum			DRUM		5			
17	CHEM-CRETE YUFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
18	CHEM-CRETE SOFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
19	AQUAFIN-IC ADMIX or equal per 6-gallon bucket	Aquafin-IC ADMIX Liquid, 6 gal. pail	4ICA-16GP	BUCK	145.7	5	728.50	4,419.00	36
20	Perma-Patch or equal per 50# to 60# bag			BAG		5			
21	DOW Corning® 888 Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
22	DOW Corning® 890-SL Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
23	Soprema Sopralene Flam 180 or equal per 39"W x 33'L roll			ROLL		5			
24	Soprema Sopralene Flam Antirock or equal per 39"W x 33"L roll			ROLL		5			
25	Soprema Elastocol 500 Primer or equal per 5-gallon bucket			BUCK		5			
26	Soprema ALSAN Flashing or equal per 5-gallon bucket			BUCK		5			
27	Soprema ALSAN PolyFleece or "equal to" per 4"W x 50'L roll			ROLL		5			
28	Soprema ALSAN PolyFleece or equal per 6"W x 50'L roll			ROLL		5			
29	Soprema ALSAN PolyFleece or equal per 8"W x 50'L roll			ROLL		5			
30	Crafco™HP All Season Asphalt Cold Patch L or equal per 50# bag			BAG		5			
31	Crafco™HP All Season Asphalt Cold Patch M or equal per 50# bag			BAG		5			
32	Crafco™HP Concrete Cold Patch or equal per 50# bag			BAG		5			
33	Crafco™Techcrete-R or equal per 35# bag			BAG		5			
34	Crafco™Techcrete-TBR or equal per 35# bag			BAG		5			
35	Crafco™Mastic One or equal per 40# box			BX		5			
36	Crafco™Mastic One or equal per 25# package			PKG		5			

Vendor's pricing shall include delivery to any job site located in **District 9**, which includes: Fayette Conty, Greenbrier County, Monroe County, Nicholas County and Summers County.

If proposing an equal item, the Vendor **SHALL** provide the manufacturer's name/brand and manufacturer's part number/model/product type in the appropriate columns below.

If no manufacturer's name/brand or manufacturer's part name/model/product type is identified in the appropriate columns below, the WVDOH will expect that the Vendor is providing the requested brands. THE EVALUATION FOR AWARD SHALL BE BASED ON THE VENDOR'S CONTRACT ITEM <u>UNIT COST BID PRICE</u>, PER DISTRICT.

The WVDOH has the option to place orders per Unit or per pallet.

Contract				Unit of	UNIT COST	Estimated Quantity of			Number of Units per
Item	Contract Item Description	Manufacturer's Name/Brand	Manufacturer's Part Name/Model/Product Type	Measure	BID PRICE	Units	Extended Cost	Pallet Price	pallet
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or equal per Cubic Foot			CF		5			
2	SSI DECKSEAL Polymer Deck Sealant or equal per 2-gallon bucket			BUCK		5			
3	SSI RE-DECK Skid-Resistant Overlay or equal per 2-gallon bucket			BUCK		5			
4	Kansas Blend Flint or equal per 80# bag			BAG		5			
5	IMCO MG-KRETE Regular or equal per 50# bag			BAG		5			
6	IMCO MG-KRETE Fine or equal per 45# bag			BAG		5			
7	IMCO MG-KRETE Part B Liquid or equal for Regular or Fine per gallon			GL		5			
8	IMCO MG-KRETE NO ODOR Regular or equal per 50# bag			BAG		5			
9	IMCO MG-KRETE NO ODOR Fine or equal per 45# bag			BAG		5			
10	IMCO MG-KRETE NO ODOR Part B Liquid or equal for NO ODOR Regular or Fine per gallon			GL		5			
11	IMCO MG-KRETE Flex Regular or equal per 50# bag			BAG		5			
12	IMCO High Temperature Retarder or equal per gallon			GL		5			
13	IMCO Low Temperature Accelerator or equal per gallon			GL		5			
14	IMCO D-TECH 470 Sealer or equal per 5-gallon bucket			BUCK		5			
15	CHEM-CRETE PAVIX CCC100 or equal per 5-gallon bucket			BUCK		5			
16	CHEM-CRETE PAVIX CCC100 or equal per 55-gallon drum			DRUM		5			
17	CHEM-CRETE YUFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
18	CHEM-CRETE SOFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
19	AQUAFIN-IC ADMIX or equal per 6-gallon bucket	Aquafin-IC ADMIX Liquid, 6 gal. pail	4ICA-16GP	BUCK	145.7	5	728.50	4,419.00	36
20	Perma-Patch or equal per 50# to 60# bag			BAG		5			
21	DOW Corning® 888 Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
22	DOW Corning® 890-SL Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
23	Soprema Sopralene Flam 180 or equal per 39"W x 33'L roll			ROLL		5			
24	Soprema Sopralene Flam Antirock or equal per 39"W x 33"L roll			ROLL		5			
25	Soprema Elastocol 500 Primer or equal per 5-gallon bucket			BUCK		5			
26	Soprema ALSAN Flashing or equal per 5-gallon bucket			BUCK		5			
27	Soprema ALSAN PolyFleece or "equal to" per 4"W x 50'L roll			ROLL		5			
28	Soprema ALSAN PolyFleece or equal per 6"W x 50'L roll			ROLL		5			
29	Soprema ALSAN PolyFleece or equal per 8"W x 50'L roll			ROLL		5			
30	Crafco™HP All Season Asphalt Cold Patch L or equal per 50# bag			BAG		5			
31	Crafco™HP All Season Asphalt Cold Patch M or equal per 50# bag			BAG		5			
32	Crafco™HP Concrete Cold Patch or equal per 50# bag			BAG		5			
33	Crafco™Techcrete-R or equal per 35# bag			BAG		5			
34	Crafco™Techcrete-TBR or equal per 35# bag			BAG		5			
35	Crafco™Mastic One or equal per 40# box			BX		5			
36	Crafco™Mastic One or equal per 25# package			PKG		5			

Vendor's pricing shall include delivery to any job site located in District 10, which includes: McDowell County, Mercer County, Raleigh County and Wyoming County.

If proposing an equal item, the Vendor SHALL provide the manufacturer's name/brand and manufacturer's part number/model/product type in the appropriate columns below.

If no manufacturer's name/brand or manufacturer's part name/model/product type is identified in the appropriate columns below, the WVDOH will expect that the Vendor is providing the requested brands. THE EVALUATION FOR AWARD SHALL BE BASED ON THE VENDOR'S CONTRACT ITEM <u>UNIT COST BID PRICE</u>, PER DISTRICT.

The WVDOH has the option to place orders per Unit or per pallet.

Contract				Unit of	UNIT COST	Estimated Quantity of			Number of Units per
Item	Contract Item Description	Manufacturer's Name/Brand	Manufacturer's Part Name/Model/Product Type	Measure	BID PRICE	Units	Extended Cost	Pallet Price	pallet
1	SSI SILSPEC Flexpatch Polymer Patching Mortar or equal per Cubic Foot			CF		5			
2	SSI DECKSEAL Polymer Deck Sealant or equal per 2-gallon bucket			BUCK		5			
3	SSI RE-DECK Skid-Resistant Overlay or equal per 2-gallon bucket			BUCK		5			
4	Kansas Blend Flint or equal per 80# bag			BAG		5			
5	IMCO MG-KRETE Regular or equal per 50# bag			BAG		5			
6	IMCO MG-KRETE Fine or equal per 45# bag			BAG		5			
7	IMCO MG-KRETE Part B Liquid or equal for Regular or Fine per gallon			GL		5			
8	IMCO MG-KRETE NO ODOR Regular or equal per 50# bag			BAG		5			
9	IMCO MG-KRETE NO ODOR Fine or equal per 45# bag			BAG		5			
10	IMCO MG-KRETE NO ODOR Part B Liquid or equal for NO ODOR Regular or Fine per gallon			GL		5			
11	IMCO MG-KRETE Flex Regular or equal per 50# bag			BAG		5			
12	IMCO High Temperature Retarder or equal per gallon			GL		5			
13	IMCO Low Temperature Accelerator or equal per gallon			GL		5			
14	IMCO D-TECH 4/0 Sealer or equal per 5-gallon bucket			BUCK		5			
15	CHEM-CRETE PAVIX CCC100 or equal per 5-gallon bucket			BUCK		5			
16	CHEM-CRETE PAVIX CCC100 or equal per 55-gallon drum			DRUM		5			
17	CHEM-CRETE YUFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
18	CHEM-CRETE SOFIX CCC100 or equal per 5-gallon bucket			BUCK		5			
19	AQUAFIN-IC ADMIX or equal per 6-gallon bucket	Aquafin-IC ADMIX Liquid, 6 gal. pail	4ICA-16GP	BUCK	145.7	5	728.50	4,419.00	36
20	Perma-Patch or equal per 50# to 60# bag			BAG		5			
21	DOW Corning® 888 Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
22	DOW Corning® 890-SL Silicone Joint Sealant or equal per pack of 6 each 29 fluid ounce cartridges			PKG		5			
23	Soprema Sopralene Flam 180 or equal per 39"W x 33'L roll			ROLL		5			
24	Soprema Sopralene Flam Antirock or equal per 39"W x 33"L roll			ROLL		5			
25	Soprema Elastocol 500 Primer or equal per 5-gallon bucket			BUCK		5			
26	Soprema ALSAN Flashing or equal per 5-gallon bucket			BUCK		5			
27	Soprema ALSAN PolyFleece or "equal to" per 4"W x 50"L roll			ROLL		5			
28	Soprema ALSAN PolyFleece or equal per 6"W x 50'L roll			ROLL		5			
29	Soprema ALSAN PolyFleece or equal per 8"W x 50'L roll			ROLL		5			
30	Crafco™HP All Season Asphalt Cold Patch L or equal per 50# bag			BAG		5			
31	Crafco™HP All Season Asphalt Cold Patch M or equal per 50# bag			BAG		5			
32	Crafco™HP Concrete Cold Patch or equal per 50# bag			BAG		5			
33	Crafco™Techcrete-R or equal per 35# bag			BAG		5			
34	Crafco™Techcrete-TBR or equal per 35# bag			BAG		5			
35	Crafco™Mastic One or equal per 40# box			ВХ		5			
36	Crafco™Mastic One or equal per 25# package			PKG		5			

AQUAFIN Inc. 505 Blue Ball Rd. #160 Elkton, MD 21921

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**Technical Datasheet** 

## **AQUAFIN®-IC ADMIX**

### Liquid and powder crystalline waterproofing admixtures for concrete

### CSI Div. 03

03 31 23 High Performance Structural Concrete

#### **LEED Points**

### **Product Description:**

AQUAFIN-IC ADMIX is a state-of-the-art crystalline waterproofing admixture available in liquid and powder form. The chemistry within the AQUAFIN-IC ADMIX reacts with moisture and free lime in the concrete, creating millions of insoluble crystalline fibers, which fill the pores, capillary tracts and minor shrinkage cracks within the concrete. Passage of water through the concrete, either from the positive or negative water pressure side is permanently blocked and the reinforcement protected from corrosion. AQUAFIN-IC ADMIX can be added to the concrete mix at the time of batching or at the job site to a ready mix truck with full mixing capabilities. AQUAFIN-IC ADMIX is designed for concrete mix designs where normal to mild retarded set times are desired. When extended set-times are required use AQUAFIN-IC ADMIX (ES) and for mixes with accelerated to normal set times use AQUAFIN-IC ADMIX (NR). Consult with Aquafin to determine which version of IC ADMIX best meets project specific parameters, and conduct trial mixes under project conditions.

### **Working Principle:**

- During concrete hardening AQUAFIN-IC ADMIX forms millions of fine crystalline fibers inside the capillary pores.
- Crystalline fibers reduce the pore diameter, thus blocking the flow of water through the capillary voids.
- The treated concrete is permanently watertight.

The AQUAFIN-IC ADMIX chemicals remain an integral part of the concrete for the life of the structure, always re-activating whenever exposed to moisture. AQUAFIN-IC ADMIX can seal static cracks up to 1/64" (0.4 mm), which occur months or years after the concrete has cured and hardened. AQUAFIN-IC ADMIX waterproofing chemicals start reacting immediately. However, it may require up to several weeks to reach its maximum waterproofing capability. Environmental factors such as ambient temperature, density of concrete, moisture and weather conditions all can affect the timing of the sealing process. Concrete treated with AQUAFIN-IC ADMIX protects against rebar corrosion, spalling, freeze/thaw cycles and weather related damage.

### **Typical Applications:**

Any concrete mix requiring waterproofing (water impermeable) capabilities, such as:

• Tunnels and subway systems

- Foundations
- Precast structures
- Parking structures
- Water and waste water treatments plants
- Reservoirs and underground vaults
- Secondary containment structures

### **Advantages:**

- NSF/ANSI 61 certified for potable water applications
- Resists extreme hydrostatic pressure, positive (active) or negative (passive) water pressure side
- Can self-seal static hairline cracks up to 1/64" (0.4 mm)
- Permanent becomes an integral part of the concrete
- Not a vapor barrier allows concrete to breathe
- Negligible interference with water reducers & plasticizers
- Negligible effect/influence on slump and air entrainment
- Impervious to physical damage and deterioration
- Non toxic, inorganic, zero VOC (0%)
- Contains no chlorides
- Less costly than traditional methods of waterproofing such as coatings and sheet applied goods.

Note: For the best dispersion characteristics, use IC ADMIX-Liquid.

### **Packaging:**

IC ADMIX-liquid: 6 gallon pails and 240 gallon totes IC ADMIX-Powder: 5 lb. (2.25 kg) and 7.5 lb. (3.4 kg) water

soluble bags

50 lb (22.7 kg) bags and pails

Contact Aquafin for availability of custom sized packaging.

### **Dosage Rates:**

IC ADMIX-Liquid

2% - 3% by weight of portland cement content, min. 1.25 gal/yd3.

### IC ADMIX-Powder

0.8% - 1.0% by weight of portland cement content.

Consult Aquafin Technical Department for guidance in determining appropriate dasage rates and relating to any specific project requirements which may need to be met.

### **Batching:**

AQUAFIN-IC ADMIX can be added to the concrete mixture at any time prior to placement of the concrete. It is generally recommended to add admixture materials at the ready-mix concrete plant during batching; however, AQUAFIN-IC ADMIX can be added at the job site. Crystalline waterproofing admixtures must be mixed with concrete for a minimum of five (5) minutes at maximum mixing speed, depending on the mixer type, to ensure complete dispersion and uniformity.

The following mixing recommendations are guidelines only:

# **AQUAFIN® IC ADMIX**

- The concrete mix should be minimum 40°F (4°C) when incorporating AQUAFIN-IC ADMIX.
- Trial mixes under project conditions to determine setting time, slump, air content and compressive strength of concrete are highly recommended.
- Aggregates conforming to a well graded sieve curve are necessary to assure water tightness.
- AQUAFIN-IC ADMIX can retard the initial and final setting time of portland cement type I/II concrete mixes. Adjust or remove any retarding admixtures accordingly.
- AQUAFIN-IC ADMIX can accelerate the initial and final setting time of portland cement type III/V concrete mixes. Adjust or remove any accelerating admixtures accordingly.
- Depending on weather conditions, the use of water reducers, superplasticizers, retarders and/or accelerating admixtures may be necessary to maintain desired workability.
- Add other admixtures independently from AQUAFIN-IC ADMIX addition

NOTE: When used properly, and placed in a concrete mix of sufficient workability, the AQUAFIN-IC ADMIX will not adversely alter the compressive or flexural strength of concrete or shotcrete.

### **IC ADMIX-Liquid**

### A. Ready Mix Plant

- 1. Stir AQUAFIN-IC ADMIX Liquid prior to use, to assure that the mixture is homogeneous.
- Reduce mixing water by approx. amount of AQUAFIN-IC ADMIX added.
- 3. Drop the concrete mix into the ready-mix truck.
- Mix at least 5 minutes to assure homogenous distribution of the AQUAFIN-IC ADMIX in the concrete.

### B. Ready Mix Truck - Job Site Mixing

- Mix AQUAFIN-IC ADMIX Liquid prior to use, to assure that the mixture is homogeneous. Take into account the amount of water already placed in the ready-mix truck.
- 2. Pour the required amount of mixed AQUAFIN-IC ADMIX into the drum of the ready-mix truck, containing the wet concrete mix.
- Mix at least 5 minutes to assure homogenous distribution of the AQUAFIN-IC ADMIX in the concrete.
- 4. Immediately place concrete.

Note: Use a retarder for mix designs containing Type II/V or Type III portland cement. Call Aquafin Technical Department for acceptable products.

### **AQUAFIN-IC ADMIX-Powder**

### A. Ready Mix Plant

- 1. Mix AQUAFIN-IC ADMIX Powder with clean, potable water to a thin slurry consistency. i.e. 50 lb (22.7 kg) AQUAFIN-IC ADMIX with 4 gallons (15 L) water.
- Pour the required amount of mixed AQUAFIN-IC ADMIX into the drum of the ready-mix truck.
- 3. Produce the cement, aggregate and additives as per concrete mix design in the batching plant. Take into account the amount of water already placed in the ready-mix truck (item A. 1)
- 4. Drop the concrete mix into the ready-mix truck.
- Mix at least 5 minutes to assure homogenous distribution of the AQUAFIN-IC ADMIX in the concrete.

NOTE: AQUAFIN-IC ADMIX Powder in soluble bags can be thrown un-opened into the concrete mixer. The bags are designed

to dissolve in the mixer.

### B. Ready Mix Truck - Job Site Mixing

- 1. Mix AQUAFIN-IC ADMIX Powder with clean, potable water to a thin slurry consistency. i.e. 50 lb (22.7 kg) AQUAFIN-IC ADMIX with 4 gallons (15 L) water. Take into account the amount of water already placed in the ready-mix truck.
- 2. Pour the required amount of mixed AQUAFIN-IC ADMIX into the drum of the ready-mix truck, containing the wet concrete mix.
- Mix at least 5 minutes to assure homogenous distribution of the AQUAFIN-IC ADMIX in the concrete.

NOTE: AQUAFIN-IC ADMIX Powder in soluble bags can be thrown un-opened into the concrete mixer. The bags are designed to disintegrate in the mixer. Do not add bulk (>50 lbs.) dry AQUAFIN-IC ADMIX Powder to wet concrete mix. This may cause clumping and uniform dispersion cannot be guaranteed. Mix with water first, before adding to wet concrete.

### Placing:

Concrete containing AQUAFIN-IC ADMIX should be placed the same way as normal concrete.

### **Joints and Pipe Penetrations:**

Cold joints and pipe penetrations must be designed using AQUAFIN-Waterstop. AQUAFIN-IC ADMIX does not prevent defects in concrete. Consult Aquafin on particular applications. Through penetrations must be securely sealed to maintain watertightness. AQUAFIN-IC ADMIX is designed to waterproof rigid concrete structures only and will not reliably seal cracks and joints which are subjected to variable loading or repeated movement. Contact the Aquafin Technical Department for project specific recommendations.

### Curing:

Cure as per relevant ACI guidelines.

### **Durability:**

Concrete treated with AQUAFIN-IC ADMIX is more durable than equivalent plain concrete due to its reduced permeability.

### Non-Chloride, Non-Corrosive:

AQUAFIN-IC ADMIX will not initiate or promote corrosion of reinforcing steel embedded in concrete. Neither sodium chloride, calcium chloride nor any chloride-based ingredients are used in the manufacture of AQUAFIN-IC ADMIX.

### **Finishes:**

If coatings, paint or other treatments are to be used on the negative side of AQUAFIN-IC ADMIX concrete, thorough surface preparation is required to remove waterproofing crystals from the surface (i.e. minimum 5000 psi high pressure water blasting).

### Storage and Shelf Life:

AQUAFIN- IC ADMIX-Liquid

Store in room above  $50^{\circ}F$  (10°C). Note: Settlement or crystallization may occur below  $50^{\circ}F$  (10°C). If this happens, store in room above  $70^{\circ}F$  (21°C) for 24 hours and re-stir. Protect from freezing. If frozen or crystallized, thaw gradually and stir to homogeneous mixture. Shelf life in unopened original containers is twelve months when stored at  $70^{\circ}F$  (21°C).

### AQUAFIN® IC ADMIX



### AQUAFIN-IC ADMIX-Powder

Store in a dry enclosed area off the ground. Shelf life is twelve months when stored under proper conditions.

### Safety:

Refer to MSDS. KEEP OUT OF REACH OF CHILDREN. This product contains Portland cement and sand (crystalline silica) and is highly alkaline (corrosive) which may cause significant skin and eye irritation. Dust may cause respiratory tract irritation. Avoid breathing dust. Avoid contact with skin and eyes. Wear rubber gloves and safety goggles during mixing and application. After contact with skin, wash with plenty of water. In case of eye contact, rinse immediately with plenty of water for 15 minutes and seek medical advice.

LIMITED WARRANTY: AQUAFIN, INC. warrants this product for a period of one year from the date of installation to be manufactured free of defects and to be consistent with its technical properties as stated in our current Technical Data Sheet. This product must be used as directed and within its stated shelf life. AQUAFIN INC. will replace or at our discretion refund the purchase price of any product, excluding cost of labor, which is proven to be defective. Our product recommendations are based on industry standards and testing procedures. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. We assume no warranties written, expressed or implied as to any specific methods of application or use of the product. AQUAFIN INC. MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. AQUAFIN, INC. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

For Professional Use Only.

# **AQUAFIN® IC ADMIX**



### **IC ADMIX TECHNICAL DATA:**

I. Concrete Mix designs	Treate	d Mix	Control Mix			
As per ACI-211-1	Lbs/y³	Kg/m³	Lbs/y³	Kg/m³		
Materials:						
Portland Cement, Type I/II	564	256	564	256		
Sand, ASTM C-33	1350	614	1320	600		
Aggregate, ASTM C-33	1750	<i>7</i> 95	1750	795		
IC ADMIX-Powder, 0.8%	4.51	2.05	0.0	0.0		
Water	264	120	301	137		
Air Entraining Agent, oz	4.3	127 ml	4.3	127 m		
Superplasticizer, oz	56.4	1668 ml	56.4	1668 m		
Slump, inches (**)	3.0/7.0	76/178 mm	3.0/7.0	76/178 mm		
Air content, %	6.0	6.0	6.0	6.0		
Water/Cement Ratio	0.48	0.48	0.53	0.53		
Plastic Unit Weight, lb/ft3	145.4	2.35	145.7	2.35		
Initial Set time:	1 hr 50'	1 hr 50'	2 hrs 25'	2 hrs 25		
Final Set Time:	3 hrs 15'	3 hrs 15'	3 hrs 50'	3 hrs 50		
II. TEST RESULTS			Control Mix			
II. ILSI KLSULIS	Treated Mix					
	Psi	МРа	Psi	MPa		
1. Compressive Strength						
3 days (ASTM C-39)	2830	19.5	2210	15.3		
7 days	3980	27.5	3280	22.6		
28 days	5540	38.2	4750	32.7		
2. Tensile Strength						
3 days (ASTM C-496)	407	2.8	330	2.3		
7 days	710	4.9	560	3.8		
28 ďays	940	6.5	740	5.1		
3. Water Permeability			·			
3 days (ASTM D-5084)	7.8 x	10-9	4.95 x 10 <sup>-7</sup>			
7 days	1.4 x		1.05 x 10 <sup>-7</sup>			
28 days	1	5.6 x 10 <sup>-10</sup>		2.5 x 10 <sup>-8</sup>		

Physical Data	IC ADMIX-Liquid	IC ADMIX-Powder			
Aggregate State:	Liquid	Powder			
Color:	Transparent Blue	Concrete Gray			
Bulk Density @ 68°F (20°C)	9.58 lb./gal. (1.15 kg/L)	~62 lbs./ft³ (~2.0 kg/dm³)			
Viscosity: Brookfield	4-7 (LV#61/100)	N/A			
VOC	0	0			
Working Temperature	>46°F (8°C)	N/A			
Potable Water NSF/ANSI 61	Certified by WQA (see www.wqa.org)	Certified by WQA (see www.wqa.org)			
Permeability: (CRD-C 48-92)	No leakage up to 460 ft. (140 m) or 200 psi (14 bar) head pressure	No leakage up to 460 ft. (140 m) or 200 psi (14 bar) head pressure			



Tested and certified by WQA according to NSF/ANSI 61 Section 5



SDS No. 1.4.2.

Date prepared: FEBRUARY 2005

Date revised: MAY 2015 SDS No.1.4.2.

### Section 1 - Product Identification

IDENTITY: Product Name: AQUAFIN-IC ADMIX-Liquid

Chemical Characterization: Cement – Preparation

Product Use Description: Liquid crystalline waterproofing additive / admix for concrete

AQUAFIN, INC. Emergency Phone No. (800) 394-1410 505 BLUE BALL RD. #160 Information Phone No. (410) 392-2300 ELKTON, MD 21921 info@aquafin.net www.aquafin.net

Recommended use of the chemical and restriction on use:

Refer to the product technical data sheet.

For industrial and professional users.

### Section 2 – Hazards Identification

### **GHS Classification:**

Skin irritation, Category 2 H315: Causes skin irritation

Serious eye damage, Category 1 H318: Causes serious eye damage Respiratory system; Category 3 H335: May cause respiratory irritation

### **GHS Label element:**

### **Hazard Pictograms**





GHS05

GHS07

Signal Word: Warning

Hazard Statements:

H315: Causes skin irritation.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.

### **Precautionary Statements:**

Prevention:

P264: Wash skin thoroughly after handling. P280: Wear eye protection/face protection.

P280: Wear protective gloves.

P281: Use protective equipment as required.

Response:

P302 + P352: IF ON SKIN: Wash with plenty of water.

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable

for breathing.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned, get medical advice/attention.
P332 + P313: IF skin irritation occurs, get medical advice/attention.
P362: Take off contaminated clothing and wash before reuse.

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Storage:

P403: Store in a well-ventilated place.

Disposal:

P501: Dispose of contents/container to an approved waste disposal site.
P502: Refer to manufacturer/supplier for information on recovery/recycling.

### Section 3 - Composition / Information on Ingredients

ComponentsCAS No.TLVPELWeight %Water based solution of inorganic alkaline earth mineral compounds.10 - 30

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence not require reporting in this section.

### Section 4 - First Aid Measures

After Inhalation: Remove subject to fresh air. Administer oxygen if difficulty with breathing. Consult a

physician.

After Ingestion: Immediately seek medical attention. Do not induce vomiting without medical advice. If

conscious, drink plenty of water.

After Skin Contact: Instantly wash skin with plenty of soap and water for at least 15 minutes. Wash clothing

before reuse. Seek medical attention if symptoms persist.

After Eye Contact: Rinse opened eye with plenty of running water for at least 15 minutes, lifting upper and

lower eyelids occasionally. Consult physician.

### Section 5 – Fire Fighting Measures

**Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>), extinguishing powder, water fog, alcohol-resistant

foam.

Special Fire Fighting Procedures: As in any fire, wear full protective gear and NIOSH-approved self-

contained breathing apparatus with full face-piece operated in the

pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards: No unusual fire or explosion hazards. Material can splatter above 212°F

(100°C).

### Section 6 – Accidental Release Measures

Person-related Safety Precautions: Avoid eye and skin contact.

**Environmental precautions:** Prevent material from reaching sewage and drainage systems or bodies

of water.

Methods for Cleaning up: Use dry cleanup methods. Wear personal protective equipment.

Emergency procedures are not required.

### Section 7 – Handling and Storage

**Handling:** Avoid eye and skin contact. Keep out of reach of children.

SDS No. 1.4.2.

Storage: Store in a cool, dry enclosed area off the ground in tightly closed containers. No special measures

required against explosion and fires. Store away from foodstuffs.

### Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:** Use with adequate general and local exhaust ventilation.

Washing of the skin in the working area must be possible.

Eye-wash bottle must be available.

**Respiratory Protection:** Wear a properly fitted NIOSH approved respirator in poorly ventilated areas.

**Skin Protection:** When installing, wear appropriate protective rubber or plastic gloves to prevent

hand-skin exposure. Wear appropriate impervious clothing to prevent skin

exposure (long sleeve shirt and long pants).

**Eye Protection:** Wear tightly sealed safety glasses with side shields or goggles. Face shield as

necessary.

Work/Hygienic Practices: Wash hands before breaks and after work, and before eating, drinking or

smoking.

### Section 9 – Physical and Chemical Properties

Physical State: Liquid

Color: Transparent / blue

Odor: Odorless
Solubility in water: Miscible
Boiling Point: 100°C (212°F)

Melting Point: N/A

Flash Point: Not combustible

Auto ignition: N/A

**Bulk Density:** approx. 1.15 kg/dm<sup>3</sup> pH (in water): 11 – 13.5 (Alkaline)

Viscosity, dynamic: 4 – 7 mPas (4-7 cps) Brookfield-LV #61/100 RPM at 20°C (68°F)

**VOC Concentration:** 0 g/l

### Section 10 – Stability and Reactivity

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Exposure to low temperature and freezing.

Hazardous Decomposition Products: No decomposition if used according to specifications.

Hazardous Polymerization: Will not occur.

**Incompatibilities:** None known.

### Section 11 – Toxicological Information

Acute Inhalation Toxicity: LD50 2,800 mg/kg (rat)

Acute Dermal Toxicity: LD50 >2,000 mg/kg (rabbit)

**Primary Irritant Effect:** 

On the skin: Irritant for skin and mucous membranes

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On the eye: Irritant/corrosive effect
 Sensitization: No sensitizing effect known.

### Section 12 – Ecological Information

**Ecological Information:** The unused product is slight water pollutant. Large quantities may be toxic to fish. Do

not allow undiluted product or large quantities to reach into waterways or drains.

### Section 13 – Disposal Considerations

Waste Disposal Method: Dispose of in a manner consistent with federal, state and local regulations. Do not

dispose together with household garbage. Do not allow product to reach sewage

system.

Unused Residue or Spillage: Pick up wet or dry material. In case of disposal, harden liquid material with

cement or concrete and dispose in accordance to local regulations.

**Container disposal:** Completely emptied packaging can be given for recycling.

### **Section 14 – Transport Information**

RCRA Hazard Class: Non-hazardous

USDOT (Domestic Surface)

IMDG (Ocean) Hazard Class or Division:

IATA/ICAO (Air) Hazard Class or Division:

Not regulated

Not listed

### Section 15 – Regulatory Information

SARA 311/312 (RTK): Hazard Categories: Acute Health: YES

Chronic Health: YES

**SARA Section 313 Notification:** This product does not contain any ingredients regulated under Section

313 of the Emergency Planning and Community Right-to-Know Act of

1986 or CFR 372.

CERCLA: No CERCLA chemicals exist in this product above reportable

concentrations.

TSCA Section 12(b) Export Notification: There are no reportable TSCA 12(b) Chemicals in this product.

<u>State Regulations:</u> <u>State RTK</u> <u>CAS Number</u> <u>Chemical name</u>

MA, NJ, PA ------

California Proposition 65: This product does not contain a chemical known to the State of California

to cause cancer, birth defects, or other reproductive harm.

### Section 16 – Other Information

(Hazard Rating: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; \* = Chronic)

HMIS III rating:

Health: 1\* Flammability: 0 Physical hazard: 0

SDS No. 1.4.2.

### Abbreviations and acronyms:

USDOT: United States Department of Transportation.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (Division of the American Chemical Society).

LC50: Lethal concentration, 50 percent.

LD50: Lethal dose, 50 percent.

**SDS prepared by:** Aquafin product safety department.

### **DISCLAIMER:**

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use. Aquafin shall not be responsible for the use of this product in a manner to infringe on any patent or any other intellectual property rights held by others. User is responsible for determining appropriate safety measures and for applying the legislation covering his own activities. We recommend that user makes tests to determine the suitability of a product for its particular purpose prior to use.

**END OF SDS** 

(May 28, 2015)

### STATE OF WEST VIRGINIA Purchasing Division

### **PURCHASING AFFIDAVIT**

MANDATE: 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 exceed 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 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.

# ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: DOT1700000019

**Instructions:** Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:							
(Check the box next to each addendum received)							
	[	()	Addendum No. 1	[	]	Addendum No. 6	
	[	]	Addendum No. 2	]	]	Addendum No. 7	
	]	]	Addendum No. 3	[	]	Addendum No. 8	
	]	]	Addendum No. 4	[	]	Addendum No. 9	
	]	]	Addendum No. 5	1	1	Addendum No. 10	

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Company
Authorized Signature
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing. Revised 6/8/2012