



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

**State of West Virginia
 Solicitation Response**

Proc Folder : 242405

Solicitation Description : BRIDGE EXPANSION JOINT CLEANING, PREP & REPAIR BY THE VENDOR

Proc Type : Agency Master Agreement

Date issued	Solicitation Closes	Solicitation Response	Version
	2016-09-14 13:00:00	SR 0803 ESR0912160000001008	1

VENDOR
000000204212 SPECIALTY GROUPS INC

Solicitation Number: ARFQ 0803 DOT1700000002

Total Bid : \$0.00 Response Date: 2016-09-12 Response Time: 16:10:06

Comments:

FOR INFORMATION CONTACT THE BUYER
 Angela Moorman
 (304) 558-9427
 angie.j.moorman@wv.gov

Signature on File	FEIN #	DATE
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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	BRIDGE EXPANSION JOINT CLEANING, PREP & REPAIR BY				

Comm Code	Manufacturer	Specification	Model #
72141107			

Extended Description :	BRIDGE EXPANSION JOINT CLEANING, PREP & REPAIR BY THE VENDOR
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REQUEST FOR QUOTATION
Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Division of Highways is soliciting bids to establish an open-end contract for Bridge Expansion Joint Cleaning, Preparation and Repair by the Vendor using various products, systems and methods for the cleaning, preparation, repair and maintenance to bridge expansion joints at locations throughout the State of WV.

2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
 - 2.1 **“Contract Item” or “Contract Items”** means the list of items identified in Section III, Subsection 1 below.
 - 2.2 **“Pricing Pages/E-Catalog”** means the schedule of prices, estimated order quantity and totals contained in wvOASIS or attached hereto as Exhibit A and used to evaluate the Solicitation responses.
 - 2.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the West Virginia Division of Highways.
 - 2.4 **“WVDOH”** used throughout this Solicitation means the West Virginia Division of Highways.
 - 2.5 **“SSPC”** used throughout this Solicitation means Steel Structures Painting Council. Reference: www.sspc.org.
 - 2.6 **“OSHA”** used throughout this Solicitation means Occupational Safety and Health Administration. Reference: www.osha.gov
 - 2.7 **“RCRA”** used throughout this Solicitation means Resource Conservation and Recovery Act. Reference: www.epw.senate.gov/rcra.pdf
 - 2.7.1 **RCRA 8 Regulated Metals** shall be arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver.
 - 2.8 **“ASTM”** used throughout this Solicitation means American Society for Testing and Materials. Reference: www.astm.org

REQUEST FOR QUOTATION
**Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor**

- 2.9 **“MP”** used throughout this Solicitation means WVDOH, Materials Control, Soils and Testing Division, Materials website. Reference:
www.transportation.wv.gov/highways/mcst/Pages/default.aspx
- 2.10 **“Contractor”** or **“Vendor”** used throughout this Solicitation and in any cited section of the West Virginia Department of Transportation, Division of Highways Standard Specifications, Roads and Bridges, adopted latest edition, as modified by all subsequent annual Supplemental Specifications are interchangeable.
- 2.11 **“Standard Specs”** used throughout this Solicitation means the West Virginia Department of Transportation, Division of Highways Standard Specifications, Roads and Bridges, adopted latest edition, as modified by all subsequent annual Supplemental Specifications.

3. GENERAL REQUIREMENTS:

- 3.1 **Specifications:** The following sections of the Standard Specs shall apply to the administration of this contract: Sections 101, 102.4, 102.5, 103.6, 104.5, 105.1, 105.3, 105.4, 105.10, 105.11, 105.12, 105.13, 106.3, 106.4, 106.5, 106.6, 106.7, 106.9, 107.1, 107.2, 107.3, 107.7, 107.12, 107.14, 107.15, 107.16, 107.19, 107.20, 107.21, 107.23, 108.3, 108.5, 108.7, 108.8, 109.1 and 109.2.

A copy of these Standard Specs may be obtained from:

West Virginia Division of Highways
Contract Administration
Building 5, Room 722
1900 Kanawha Boulevard, East
Charleston, WV 25305
Phone – 304-558-2885

<http://www.transportation.wv.gov/highways/contractadmin/specifications/2010StandSpec/Pages/default.aspx>

- 3.2 **Paint Testing Prior to Cleaning, Preparation and Repair:** On structures where paint will be removed in the joint area and/or paint chips and debris are present on the abutment seats and/or pier caps below a joint to be repaired, the WVDOH District shall obtain a sample of the paint and have it tested for copper, magnesium, manganese and the RCRA 8 Metals. Results of the paint sample tested, whether hazardous or non-hazardous, shall be identified on the Delivery Order issued to the Vendor at the time of needed cleaning, preparation and repair of a joint. If no paint is to be removed during joint repair and there are no paint chips, but debris is

REQUEST FOR QUOTATION
Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor

present on the abutment seats and/or pier caps below a joint to be repaired, the Delivery Order shall state that the debris is non-hazardous.

3.3 Contract Items and Mandatory Requirements: Vendor shall provide Agency with the contract Items listed below on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements as shown below.

3.3.1 Mobilization: Mobilization shall consist of the performance of preparatory operations, including the movement of personnel and equipment to the project site and for the establishment of any facilities necessary to begin work.

3.3.2 Maintaining Traffic: Traffic shall be maintained in accordance with Section 636 of the Standard Specs and shall include any of the items below as requested on the Delivery Order:

3.3.2.1 Traffic control Devices

3.3.2.2 Electric Arrow

3.3.2.3 Temporary Traffic Signal

3.3.2.4 Flagger

3.3.2.5 Warning Lights

3.3.2.6 Traffic Directors

3.3.3 Dry-Clean: Prior to the contractor beginning joint preparation, the contractor shall Dry-Clean, consisting of cleaning by dry methods, such as, but not limited to, the use of brooms, brushes, shovels, wheelbarrows, buckets, or vacuums, all loose dirt and debris, as directed by the WVDOH engineer, from the abutment seats, pier caps, diaphragms, flanges, bridge deck, parapets and expansion joints. Dirt and debris shall be disposed of as specified in Section 3.4.4 of the contract specifications, except the pre-construction dirt and debris from the bridge deck, parapets and expansion joints collected shall be redistributed by the Contractor along the roadway shoulder as directed by the WVDOH Engineer.

3.3.4 Expansion Joint Systems and Products. The requested brand of systems and products are identified on each Contract Item are for use in Ordinary Joint and Extraordinary Joint Repairs as described and identified in Type A, B, C, D and E Joints. see Appendix A. Vendors may bid "equal to systems" which shall be for use in Ordinary Joint and Extraordinary Joint Repairs as described and identified in Type A, B, C, D and E Joints. If the Vendor is proposing an "equal to system", the Vendor **SHALL** provide the, manufacturer's name and manufacturer's part name/model/product type, on the Pricing Page/E-Catalog and should

REQUEST FOR QUOTATION
**Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor**

attach any additional product documentation, such as specifications, physical properties, with their bid packet. Any system and/or product being bid by the Vendor shall meet or exceed the following specifications:

3.3.4.1 BEJS Expansion Joint System or "equal to": The items listed in Section 3.3.4.1 of the contract specifications are components making up the BEJS Expansion Joint System. All "equal to" components making up an "equal to" system shall meet and/or exceed all physical properties of the requested items.

3.3.4.1.1 EMSEAL EMCRETE® Polyurethane Nosing or "equal to": Emcrete polyurethane nosing or "equal to" shall be a two-component fast curing polyurethane resin mixed with sand and chopped fiberglass that cures to a durable, flexible, weather and high-impact resistant elastomeric concrete. The EMCRETE system or "equal to" shall be sold by the kit unit which includes Parts A & B, EMPRIME, Sand and Fiber. This polyurethane material or "equal to" shall meet and/or exceed the following physical properties:

Cure. To accept traffic in one hour, shall cure at a substrate temperature of 70°F.

Mixed Polyurethane WITH Sand and Chopped Fiberglass:

Compressive Strength:	1500 psi min.	ASTM D 695
Adhesion (primed concrete):	413 psi min.	ASTM D 7234
Adhesion (primed steel):	492 psi min.	ASTM D 7234
Adhesion (primed galv steel):	417 psi min.	ASTM D 7234
Tensile Strength: 20% min.	651 psi	ASTM D 412
Hardness (Shore D):	57	ASTM D 2240
Hardness (Shore A):	98	ASTM D 2240
Viscosity @ 50 rpm (mixed resin)	1560cp	ASTM D 4847
Impact Testing – Ball Drop*:	No Failure	ASTM D 3029-95
	@ 69° F	
	No Failure	ASTM D 3029-95
	@ -1° F	

* 1 pound steel ball dropped onto 3/8 inch thick x 2 3/4 inch dia.

3.3.4.1.2 EMSEAL BEJS Joint System® or "equal to": BEJS Joint system is comprised of a precompressed, silicone-and-foam hybrid installed into field applied epoxy adhesive (manufacturer supplied with BEJS joint) on the joint faces (excluding BEJS-ON-A-REEL); with the silicone bellows locked to the joint faces with a silicone sealant band (manufacturer supplied with

REQUEST FOR QUOTATION
Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor

BEJS joint) or "equal to". The foam is a microsphere-modified, 100% acrylic impregnation infused into the cellular foam base material. BEJS joint material or "equal to" shall be supplied in straight 6.56 feet sticks, 12 foot reels, Universal-90 Termination or "equal to", Universal-90 Transition or "equal to", and Kickout Termination or "equal to". This BEJS joint system or "equal to" shall be provided at the width size ranges identified on the Pricing Page/E-Catalog and shall meet and/or exceed the following physical properties:

Typical Physical Properties of BEJS Foam

Base Material: Cellular, high density, polyurethane foam
Impregnation: Proprietary, modified, water-based, acrylic
Temp Service Range: High 185° F, Low -41° F ASTM C711
UV Resistance: No Change @ 2000 hours ASTM G155-00A
Resistance to Aging: No Change @ 2000 hours ASTM G155-00A
Bleeding: -40°F to 180°F No bleeding compressed min of claimed movement i.e. -50% of nominal size when heated simultaneously to 180°F 3 hours
Compression Set: Materials recovers to +50% of nominal size in 24 hours of compression to -50% and heated simultaneously to 180° for 3 hours

Typical Physical Properties of Silicone Coating

Color: Black
Percent Solids: 96 minimum
Specific Gravity: 1.26 – 1.34
Following Test Conducted on Sealant Cured After 21 Days at 77°F and 50% RH
Elongation: 1400% min
Joint Modulus @ 50% Elongation: 7 psi
Joint Modulus @ 100% Elongation: 8 psi
Joint Modulus @ 150% Elongation: 9 psi
Adhesion to Concrete, min % Elongation: +600%
Adhesion to Asphalt, min % Elongation: +600%
Joint Movement: +100/-50 %, 10 Cycles
Weatherability: Unaffected by Climatic Extremes
Flexibility: Cured Sealants Stay Rubbery from -50° to 300°F.

3.3.4.2 SILSPEC® SES Expansion Joint System or "equal to": The items listed in Section 3.3.4.2 of the contract specifications are components making up the SES Expansion Joint System. All

REQUEST FOR QUOTATION
Bridge Expansion Joint Clearing, Preparation and Repair
By the Vendor

“equal to” components making up an “equal to” system shall meet and/or exceed all physical properties of the requested items.

3.3.4.2.1 SSI Silspec® 900 Polymer Nosing or “equal to”: This polymer material or “equal to” shall be a three-component rapid curing liquid polymer that cures to a dense, semi-flexible, weather, abrasion and impact resistant polymer mortar. The Silspec® 900 system or “equal to” shall be sold by the kit unit which is comprised of three-components, a polymer resin, curing agent and engineered blend of graded aggregates. This polymer material or “equal to” shall meet and/or exceed the following physical properties:

Cure: To accept traffic in four hours, shall cure at a substrate temperature of 70°F.
Shelf Life: Unopened shall be two years when stored between 50°F and 90°F.

Mixed Polymer WITHOUT Aggregate:

Mixing Ratio: 1:1 by Volume
Color: Black
Tensile Strength: 2000 psi min. ASTM D 638*
Elongation at Break: 45% min. ASTM D 638*
Shore D Hardness: 65-75 at 75°F ASTM D 2240
Cure Time: 15-25 minutes AASHTO M 200
*Molded Specimens, 0.25 in Thickness

Mixed Polymer WITH Aggregate:

Compressive Strength: 5000 psi min. ASTM C 579
Method B @ 24 hr.
Bond Strength: 2000 psi min. ASTM C 882
Abrasion Resistance: 1.0 max. ASTM C 501, Taber H22
Aggregate: Supplied by the Vendor shall be well-graded, clean and dry.

3.3.4.2.2 SILSPEC® SES Expansion Joint Seal or “equal to”:
The SES Seal is comprised of a pre-compressed, silicone-and-foam hybrid installed into field applied epoxy adhesive (manufacturer supplied with SES joint) on the joint faces (excluding SES-ON-A-REEL); with the silicone bellows locked to the joint faces with a silicone sealant band (manufacturer supplied with SES joint) or “equal to”. The foam is a microsphere-modified, 100% acrylic impregnation infused into the cellular foam base material.

REQUEST FOR QUOTATION
Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor

SES joint material or "equal to" shall be supplied in straight 6.56 feet sticks, 12 foot reels, Universal-90 Termination or "equal to", Universal-90 Transition or "equal to", and Kickout Termination or "equal to". This SES Seal joint system or "equal to" shall be provided at the width size ranges identified on the Pricing Page/E-Catalog and shall meet and/or exceed the following physical properties:

Typical Physical Properties of SES Foam

Base Material: Cellular, high density, polyurethane foam
Impregnation: Proprietary, modified, water-based, acrylic
Temp Service Range: High 185° F, Low -40° F ASTM C711
UV Resistance: No Change @ 2000 hours ASTM G155-00A
Resistance to Aging: No Change @ 2000 hours ASTM G155-00A
Bleeding: -40°F to 180°F: No bleeding compressed min of claimed movement i.e. -50% of nominal size when heated simultaneously to 180°F 3 hours
Compression Set: Materials recovers to +50% of nominal size in 24 hours of compression to -50% and heated simultaneously to 180° for 3 hours

Typical Physical Properties of Silicone Coating

Color: Black
Percent Solids: 96 minimum
Specific Gravity: 1.26 – 1.34
Following Test Conducted on Sealant Cured After 21 Days at 77°F and 50% RH
Elongation: 1400% min
Joint Modulus @ 50% Elongation: 7 psi
Joint Modulus @ 100% Elongation: 8 psi
Joint Modulus @ 150% Elongation: 9 psi
Adhesion to Concrete, min % Elongation: +600%
Adhesion to Asphalt, min % Elongation: +600%
Joint Movement: +100/-50 %, 10 Cycles, No Failures
Weatherability: Unaffected by Climatic Extremes
Flexibility: Cured Sealants Stay Rubbery from -50° to 300°F.

- 3.3.5 Joint Preparation and Repair:** Ordinary Joint and Extraordinary Joint Preparation and Repair described in Type A, B, C, D and E Joints and identified as "Typical A thru J" drawings and details, See Appendix A. At the time of bid, the WYDOH will issue a Delivery Order to the Vendor requesting one or more of the joint preparation and repair methods below:

REQUEST FOR QUOTATION
**Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor**

3.3.5.1 Ordinary Joint Preparation:

3.3.5.1.1 Type A Joint (Sliding Plate): Remove cover portion of sliding plate joint assembly (see Typical A). Ordinary joint repair preparation will be measured by the linear foot parallel to the center line of the joint. Each side of the joint shall be measured and paid individually per linear foot.

3.3.5.1.2 Type B Joint (Preformed Elastomeric): Completely remove existing elastomeric seal material (see Typical C). Ordinary joint repair preparation will be measured by the linear foot parallel to the center line of the joint. Each side of the joint shall be measured and paid individually per linear foot.

3.3.5.1.3 Type C Joint (Strip Seal): Completely remove existing strip seal material (see Typical E). Ordinary joint repair preparation will be measured by the linear foot parallel to the center line of the joint. Each side of the joint shall be measured and paid individually per linear foot.

3.3.5.1.4 Type D Joint (Saw & Seal Construction Joint): Saw, re-saw and/or clean 1" deep by 1/2" wide groove (see Typical G). Ordinary joint preparation will be measured by the linear foot. Each side of the joint shall be measured and paid individually per linear foot.

3.3.5.1.5 Type E Joint (Silicone): Completely remove existing joint seal material (see Typical J). Ordinary joint preparation will be measured by the linear foot parallel to the center line of the joint. Each side of the joint shall be measured and paid individually per linear foot.

3.3.5.2 Extraordinary Joint Preparation:

3.3.5.2.1 Type A Joint (Sliding Plate): Remove cover portion of sliding plate joint assembly (see Typical B). Extraordinary joint repair preparation will be measured by the linear foot parallel to the center line of the joint. Each side of the joint shall be measured by the linear foot and paid individually per cubic foot. Remove damaged joint assembly and/or deteriorated concrete from bridge deck and/or back wall.

3.3.5.2.1.1 Preparation Less than 0.25 Cubic Feet

REQUEST FOR QUOTATION
Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor

3.3.5.2.1.2 Preparation Greater than 0.25 Cubic Feet

3.3.5.2.2 Type B Joint (Preformed Elastomeric): Completely remove existing elastomeric seal material (see Typical D). Extraordinary joint repair preparation will be measured by the linear foot parallel to the center line of the joint. Each side of the joint shall be measured by the linear foot and paid individually per cubic foot. Remove damaged joint assembly and/or deteriorated concrete from bridge deck and/or back wall.

3.3.5.2.2.1 Preparation Less than 0.25 Cubic Feet

3.3.5.2.2.3 Preparation Greater than 0.25 Cubic Feet

3.3.5.2.3 Type C Joint (Strip Seal): Completely remove existing strip seal material (see Typical F). Extraordinary joint repair preparation will be measured by the linear foot parallel to the center line of the joint. Each side of the joint shall be measured by the linear foot and paid individually per cubic foot. Remove damaged joint assembly and/or deteriorated concrete from bridge deck and/or back wall.

3.3.5.2.3.1 Preparation Less than 0.25 Cubic Feet

3.3.5.2.3.2 Preparation Greater than 0.25 Cubic Feet

3.3.5.2.4 Type D Joint (Saw & Seal Construction Joint): Saw, re-saw and/or clean 1" deep by 1/2" wide groove (see Typical G). Extraordinary joint preparation will be measured by the linear foot. Each side of the joint shall be measured by the linear foot and paid individually per cubic foot. Remove damaged joint assembly and/or deteriorated concrete from bridge deck and/or back wall.

3.3.5.2.4.1 Preparation Less than 0.25 Cubic Feet

3.3.5.2.4.2 Preparation Greater than 0.25 Cubic Feet

3.3.5.3 Structural Concrete Repair (Class B or Class K): Structural Concrete Repair of Bridge Deck and/or back wall (see Typical B, D or F). Prepare contact surfaces and exposed reinforced steel by cleaning and abrasive blasting. Repair and/or replace reinforcing steel as directed by the WVDOT Engineer. Form, place and cure structural concrete in

REQUEST FOR QUOTATION
Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor

accordance with Section 601 of the Standard Specs. Concrete shall be furnished by the WVDOT. Structural concrete repair will be measured in cubic yards, completed in place, as determined by actual field dimensions taken prior to placement of the concrete. No deduction will be made to the 1 ½" deep x 3 ½" wide notch for the polymer nosing material.

3.3.5.4 Material and Installation of Emscol Emcrete® and SSI Silspec® 900 Nosing or "equal to" (refer to Sections 3.3.4.1.1 & 3.3.4.2.1): Install the Nosing System (see Typical A, B, D, F or H). Prepare all contact faces by abrasive blasting and priming. Supply, form, place and cure the approved Nosing System in accordance with manufacturer's recommendations. Installation of the Nosing System will be measured by the pre-packaged whole kit unit per sections 3.3.5.4.1 and 3.3.5.4.2.

3.3.5.4.1 Emcrete® or "equal to" shall equal 596 cubic inches (0.345 cubic feet).

3.3.5.4.2 Silspec® 900 or "equal to" shall equal 864 cubic inches (0.50 cubic feet).

3.3.5.5 Material and Installation of BEJS and SES Joint or "equal to" (refer to section 3.3.4.1.2 & 3.3.4.2.2): Install the BEJS, SES or "equal to" joint (see Typical A, B, C, D, E, F, G, H or J). Prepare all contact faces by abrasive blasting and priming. Place and cure approved BEJS, SES or "equal to" joint in accordance with manufacturer's recommendations. Installation of BEJS, SES or "equal to" joint will be measured by the linear foot along the centerline of the joint.

3.3.5.5.1 Installation of BEJS, SES joint or "equal to": Joint width up to and including 1 ¼ inch

3.3.5.5.2 Installation of BEJS, SES joint or "equal to": Joint width greater than 1 ¼ inch up to and including 2 inches.

3.3.5.5.3 Installation of BEJS, SES joint or "equal to": Joint width greater than 2 inches up to and including 3 inches.

3.3.5.5.4 Installation of BEJS, SES joint or "equal to": Joint width greater than 3 inches up to and including 4 inches.

3.3.5.6 WVDOT Supplied Joint Materials: Joint Material supplied by the WVDOT for installation by the contractor in lieu of the materials

REQUEST FOR QUOTATION
**Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor**

specified in Section 3.3.4 of the contract specifications for use in Typical A, B, C, D, E, F, G, H or J. Prepare all contact faces and install in accordance with manufacturer's recommendations. Installation of joint material will be measured by the linear foot along the centerline of the joint.

3.3.6 Worker Protection: Worker protection items such as change areas, protective clothing, respirator, etc. shall meet the requirements of OSHA 29 CFR 1926.62. The pay quantity shall be lump sum.

3.3.7 Post Project Clean-Up: After installation of joint seal(s) and before the project is accepted as complete by the WVDOH District Engineer, all abutment seats, pier caps, concrete slope protection, etc., shall be cleaned, as directed by the WVDOH Engineer, by dry-clean methods as described in Section 3.3.3 of the contract specifications, of all fugitive material and debris associated with performance of the contract. All fugitive material and debris must be removed and properly disposed of by the Vendor. Post Project Clean-Up shall be at the contractor's expense and shall be at no cost to the Agency. The project site must be left in a neat and clean condition meeting with the WVDOH District Engineer's approval. Disposal shall be as follows:

3.3.7.1 Post Disposal of Non-Hazardous: If the Delivery Order states that the waste material is non-hazardous, the waste material from the cleaning operations shall be collected, properly containerized, labeled and disposed of as non-hazardous waste by the Vendor in accordance with local, state and federal regulations. A copy of the land-fill disposal receipt shall be given to the WVDOH District Engineer.

3.3.7.2 Post Disposal of Hazardous: If the Delivery Order states that the waste material is hazardous, the waste material from the cleaning operations shall be collected, properly containerized, labeled and disposed of as hazardous waste by the Vendor in accordance with local, state and federal regulations. A copy of the land-fill disposal receipt shall be given to the WVDOH District Engineer.

3.4. Environmental Protection.

3.4.1 The Contractor shall provide a containment/disposal control plan for each Delivery Order in accordance with 66F 088.03.20. The specific pollution control system which is proposed for the complete capture, containment, collection and disposal of the waste material generated by the cleaning operations shall be included in the plan.

REQUEST FOR QUOTATION
Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor

3.4.2 The Contractor shall abide by Section 688.4.2.3 and 688.5 of the Standard Specs, except as follows.

3.4.2.1 Containment for all abrasive blasting operations shall be Class 4A in accordance with the current revision of SSPC Guide 6 (except no overhead encapsulation is required above deck level). Containment for all other operations not requiring abrasive blasting shall consist of ground covers and/or free-hanging tarpaulins. During all operations, the Contractor shall protect the environment (water, soil and vegetation), private property, pedestrian, vehicular and other traffic on, underneath and adjacent to the structure from fugitive material. Containment shall be in accordance with the current revision of SSPC Guide 6 at the time of bid opening.

3.4.3 During cleaning operations, the Contractor shall protect the ends of the girders, stringers, diaphragm, etc. about the expansion joint and if any damage is found by the WVDOT District Engineer to these bridge elements as a result of the cleaning operations, the Contractor shall repair the damaged bridge elements to the satisfaction of the WVDOT District Engineer, at the Contractor's expense. During this process, if any coating is removed and the Delivery Order has stated that the material is non-hazardous, then the Contractor shall test the waste material for copper, magnesium, manganese and the RCRA 8 Metals. If the test for hazardous metals is positive, then the Contractor shall dispose of the waste material as hazardous waste. The cost for testing and additional cost for hazardous waste disposal shall be at the Contractor's expense.

3.4.4 Project Waste Material and Disposal: This disposal shall include all dry-cleaning operations and all abrasive blasting operations.

3.4.4.1 Disposal of Non-Hazardous: If the Delivery Order states that any waste material is non-hazardous, the waste material from the cleaning operations shall be collected, properly containerized, labeled and disposed of as non-hazardous waste by the Vendor in accordance with local, state and federal regulations. A copy of the land-fill disposal receipt shall be given to the WVDOT District Engineer. The pay quantity for the disposal of non-hazardous waste materials, including partial drums, shall be per drum.

3.4.4.2 Disposal of Hazardous: If the Delivery Order states that any waste material is hazardous, the waste material from the cleaning operations shall be collected, properly containerized, labeled and disposed of as hazardous waste by the Vendor in accordance with local, state and federal regulations. A copy of the land-fill disposal receipt shall be given

REQUEST FOR QUOTATION
Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor

to the WVDOT District Engineer. The pay quantity for the disposal of hazardous waste materials, including partial drums, shall be per drum.

4. CONTRACT AWARD:

- 4.1 Contract Award:** The Contract is intended to provide Agencies with a purchase price on all Contract Items. All qualified responsible Vendors shall be awarded a contract for those Contract Items bid, which meet all mandatory requirements of this Contract.
- 4.2 Pricing Pages/E-Catalog:** Vendor should complete the Pricing Pages/E-Catalog by providing the following information, per each Contract Item Bid. Vendor should not modify or add any information into the Column Headers. Vendor should not place formulas or any type of Excel calculations into List Price Column J, only the actual bid price, per each Contract Item Bid.

1) Column A – Vendor Customer Code should identify the Vendor's wvOASIS vendor/customer number. If the Vendor does not know this number, please leave this column blank. 2) Column C - Supplier Name should identify the name of the supplier of an "equal to" bid item. 3) Column D and Column E -- Manufacturer Name and Manufacturer Part Number should be the manufacturer's name and part number of an "equal to" bid item. 4) Column J – List Price shall identify the Vendor's unit price per Contract Item bid and 5) Column T – Picture File Name shall remain blank. Vendors may bid any or all items on the Pricing Pages/E-Catalog. Bidding on any one Contract Item may not be conditioned on the acceptance of the bid on any other Contract Item or Items.

At the time of need, the WVDOT may choose one or more of the Contract Items to complete an individual project.

The Vendor's quoted unit price for each Contract Item shall include all labor, equipment and materials, where applicable, included in each Contract Item.

If the Vendor is proposing an "equal to" item, the Vendor **SHALL** provide the supplier's name, manufacturer's name and manufacturer's part number, where applicable, on the Pricing Pages/E-Catalog and shall attach any additional product documentation, such as specifications, physical properties, with their bid packet.

The WVDOT shall determine equivalency for an "equal to" item that is bid. The WVDOT may contact the Vendor submitting an "equal to" item if additional information is needed to determine equivalency.

REQUEST FOR QUOTATION
Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor

NOTE: If no Supplier Name, Manufacturer Name or Manufacturer Part Number is provided, the WVDOT will expect that the Vendor is providing the requested brand products.

The Pricing Pages/E-Catalog contains a list of the Contract Items with no guarantee that any Contract Item will be purchased throughout the life of this contract. Estimated quantities are not available.

Vendor should type or electronically enter the information into the Pricing Pages/E-Catalog to prevent errors in the evaluation. In most cases, the Vendor can request an electronic copy of the Pricing Pages/E-Catalog for bid purposes by sending an email request to the following address: angie.linoormier@wv.gov.

- 5. DETERMINING LOW BID PER PROJECT:** Cleaning, preparation and repair of a joint on a bridge or pair of bridges (opposite structures on multi-lane highways) may be designated as an individual project. To determine the low-bid Vendor per individual project, the WVDOT District Engineer will calculate the lowest overall total cost of the Contract Items required for the project. This may include all components of a System or only the needed components of a System.

6. ORDERING AND PAYMENT:

- 6.1 Ordering:** Vendor shall accept orders through WVDOT'SS regular mail, facsimile, e-mail, or any other written form of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If Vendor has the ability to accept on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.

- 6.2 Payment:** 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, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract.

7. DELIVERY AND RETURN:

- 7.1 Delivery Time:** Vendor shall begin standard orders within fifteen (15) working

REQUEST FOR QUOTATION
Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor

days after the Delivery Order is received by the Vendor. Vendor shall deliver emergency orders within an agreed upon timeframe established by the WVDOH and the Vendor after the Delivery Order is received by the Vendor. All work shall be completed within the time frame specified on the Delivery Order, except as approved by the WVDOH District Engineer.

The work shall be scheduled by the WVDOH and the Vendor in an efficient manner in order to reduce traffic delays and prevent unnecessary traffic control expenses.

- 7.2 Late Delivery:** The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.

Any Agency seeking to obtain items from a third party under this provision must first obtain approval of the Purchasing Division.

- 7.3 Delivery Payment/Mark 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 or quote/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 but attached to the invoice.
- 7.4 Project Acceptance Criteria:** The WVDOH Engineer shall have final acceptance of the installation of the joint system, per project. Any work not performed in accordance with the contract specifications and the Standard Specs and/or unacceptable by visual inspection found by the WVDOH Engineer, the work will be rejected and, at the Contractor's expense, removed and replaced.
- 7.5 Return of Unacceptable Items:** If the Agency deems the Contract items to be unacceptable, the Contract items shall be returned to Vendor at Vendor's expense and with no restoring charge. Vendor shall either make arrangements 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 repaired, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.
- 7.6 Return Due to Agency Error:** Items ordered in error by the Agency will be returned for credit within 60 days of receipt, F.O.B. Vendor's location. Vendor

REQUEST FOR QUOTATION
Bridge Expansion Joint Cleaning, Preparation and Repair
By the 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:

- 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. MISCELLANEOUS:

- 9.1** **No Substitutions:** Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.
- 9.2** **Vendor Supply:** Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.

REQUEST FOR QUOTATION
Bridge Expansion Joint Cleaning, Preparation and Repair
By the Vendor

- 9.3 **Reports:** Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.
- 9.4 **Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

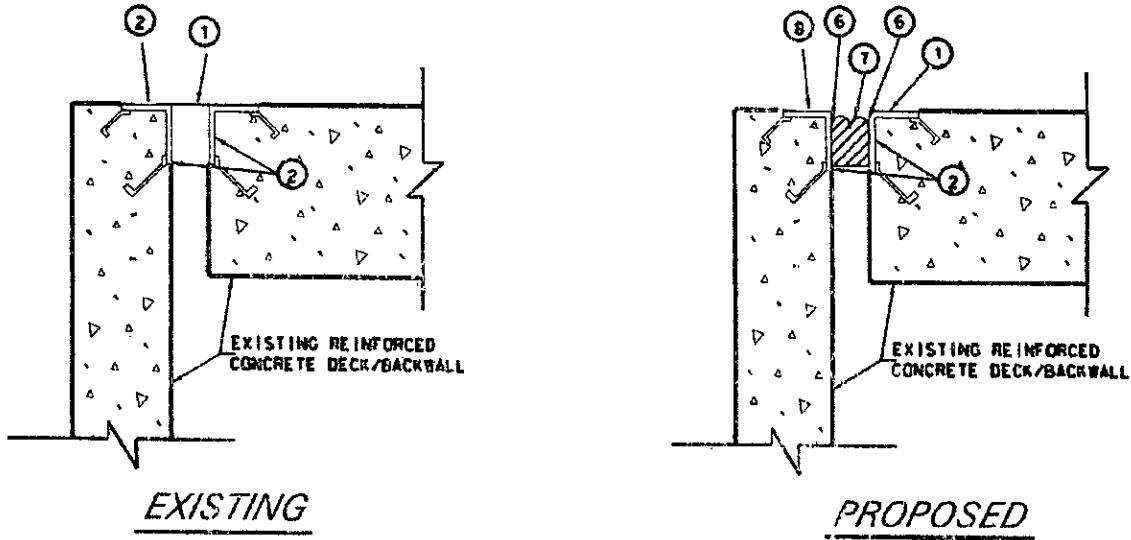
Contract Manager: Stephen Fox
Telephone Numbers: 304 623 - 3844
Fax Number: 304 623 - 3843
Email Address: S.Fox@SpecialtyGroups.com

APPENDIX A

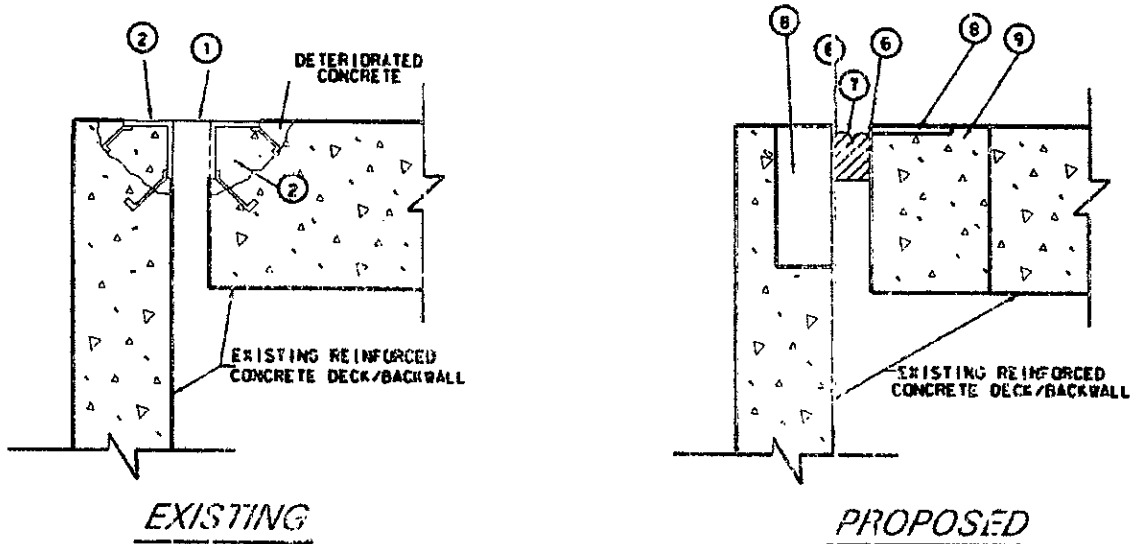
TYPE A JOINT

SLIDING PLATE

ORDINARY PREPARATION (TYPICAL A)



EXTRA-ORDINARY PREPARATION (TYPICAL B)



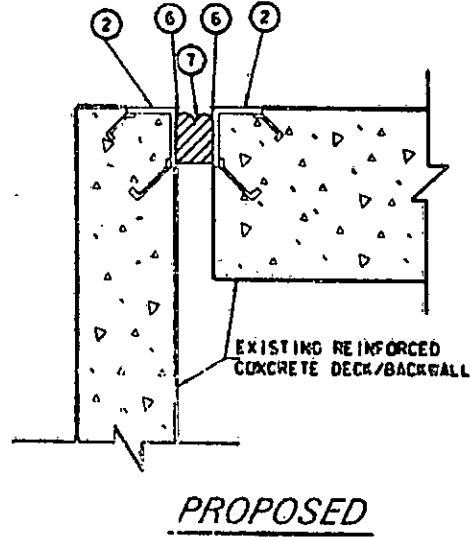
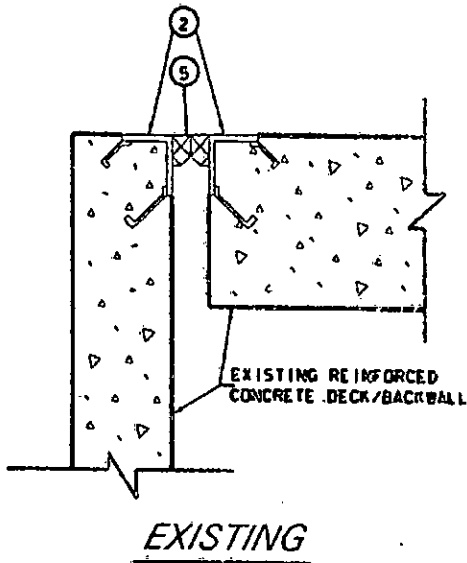
LEGEND

- | | | | | | |
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| ① | EXIST. COVER PLATE | ④ | CONSTRUCTION JOINT | ⑦ | EXPANSION JOINT |
| ② | EXIST. JOINT ASSEMBLY | ⑤ | PREFORMED ELASTOMERIC SEAL | ⑧ | POLYMER NOSING SYSTEM |
| ③ | STRIP SEAL | ⑥ | SILICONE SEAL | ⑨ | NEW CONCRETE |

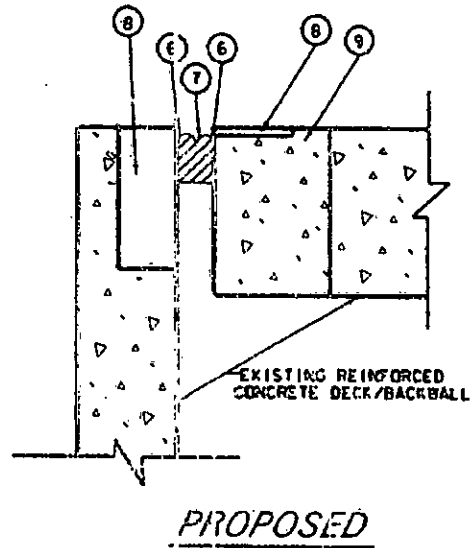
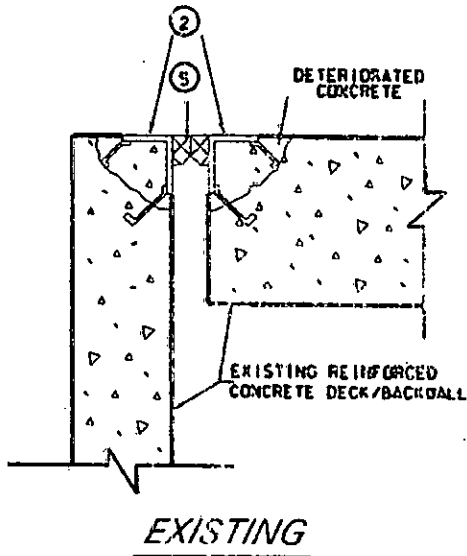
APPENDIX A

TYPE B JOINT
 PREFORMED ELASTOMERIC

ORDINARY PREPARATION (TYPICAL C)



EXTRA-ORDINARY PREPARATION (TYPICAL D)



LEGEND

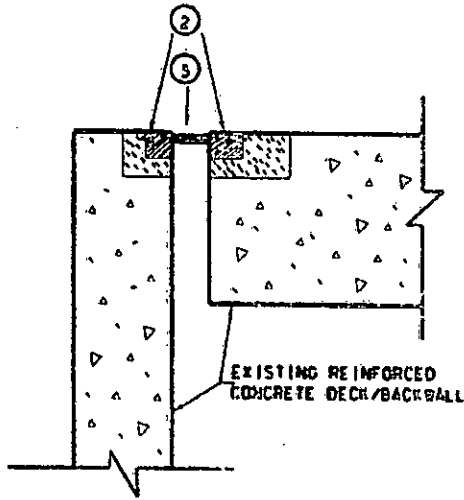
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| (2) EXIST. JOINT ASSEMBLY | (5) PREFORMED ELASTOMERIC SEAL | (8) POLYMER NOSING SYSTEM |
| (3) STRIP SEAL | (6) SILICONE SEAL | (9) NEW CONCRETE |

APPENDIX A

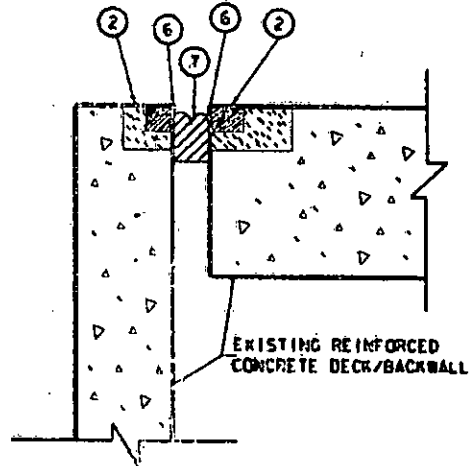
TYPE C JOINT

STRIP SEAL

ORDINARY PREPARATION (TYPICAL E)

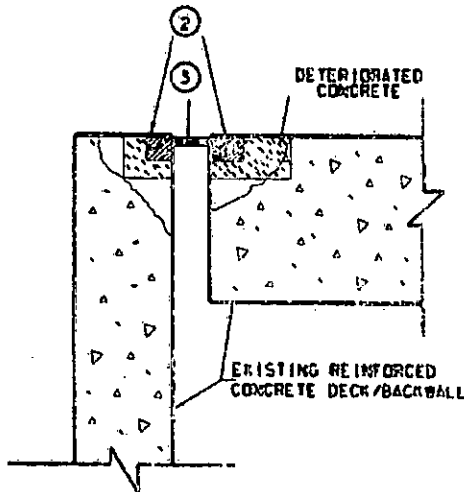


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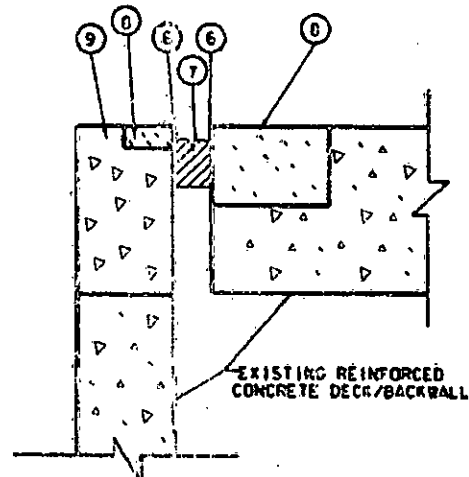


PROPOSED

EXTRA-ORDINARY PREPARATION (TYPICAL F)



EXISTING



PROPOSED

LEGEND

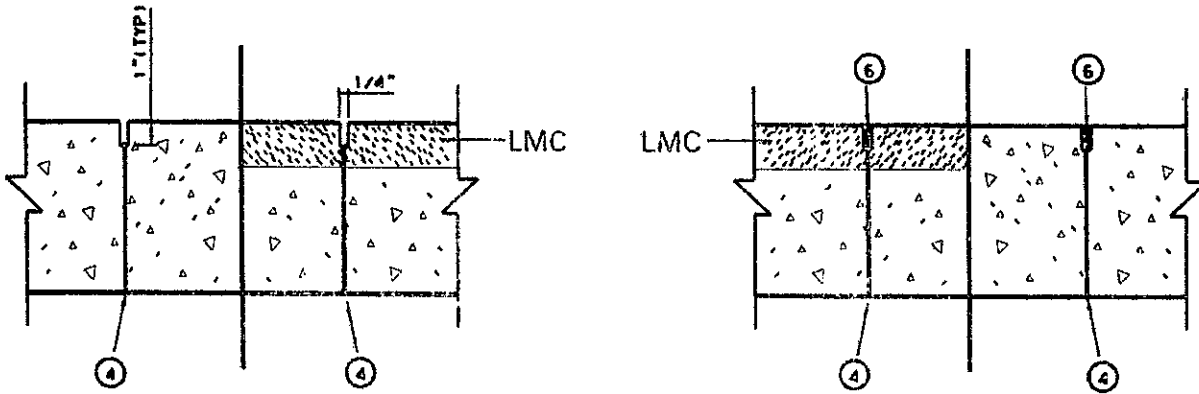
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| ② | EXIST. JOINT ASSEMBLY | ⑤ | PREFORMED ELASTOMERIC SEAL | ⑧ | POLYMER NOISING SYSTEM |
| ③ | STRIP SEAL | ⑥ | SILICONE SEAL | ⑨ | NEW CONCRETE |

APPENDIX A

TYPE D JOINT

SAW & SEAL CONST. JT.

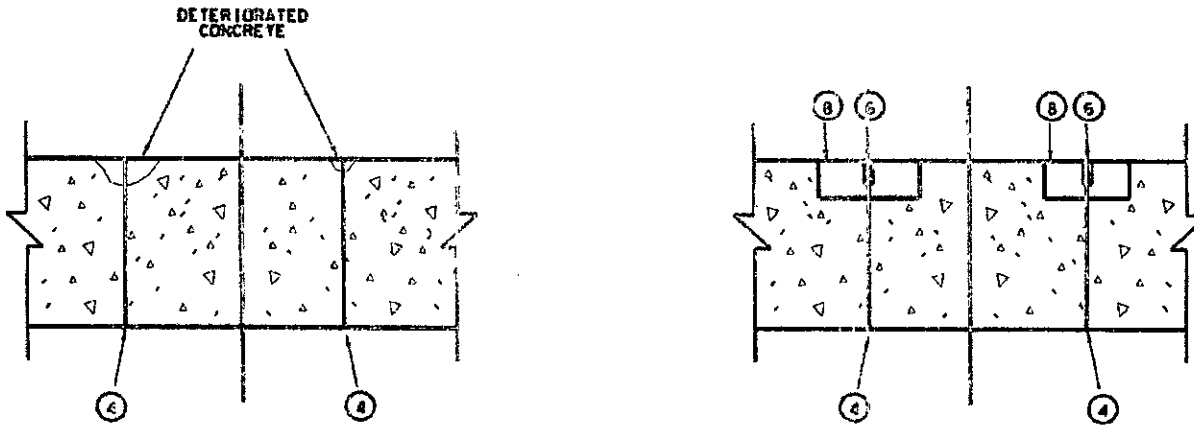
ORDINARY PREPARATION (TYPICAL G)



EXISTING

PROPOSED

EXTRA-ORDINARY PREPARATION (TYPICAL H)



EXISTING

PROPOSED

LEGEND

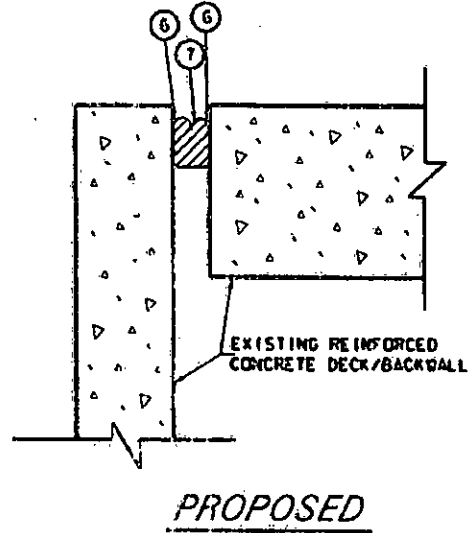
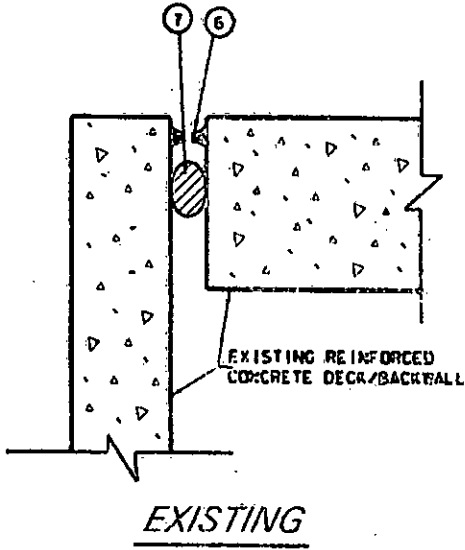
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| ② EXIST. JOINT ASSEMBLY | ⑤ PREFORMED ELASTOMERIC SEAL | ⑧ POLYMER NOSING SYSTEM |
| ③ STRIP SEAL | ⑥ SILICONE SEAL | ⑨ NEW CONCRETE |

APPENDIX A

TYPE E JOINT

SILICONE

ORDINARY PREPARATION (TYPICAL J)



LEGEND

- | | | |
|-------------------------|------------------------------|-------------------------|
| ① EXIST. COVER PLATE | ④ CONSTRUCTION JOINT | ⑦ EXPANSION JOINT |
| ② EXIST. JOINT ASSEMBLY | ⑤ PREFORMED ELASTOMERIC SEAL | ⑧ POLYMER NOSING SYSTEM |
| ③ STRIP SEAL | ⑥ SILICONE SEAL | ⑨ NEW CONCRETE |

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 exceeds five percent of the total contract amount.

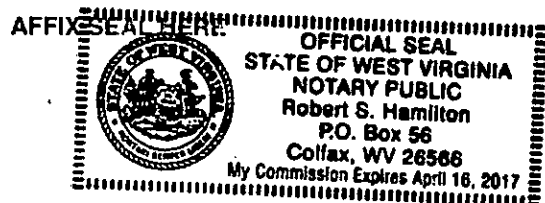
AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Specialty Groups, Inc
Authorized Signature: [Signature] Date: 8/29/16

State of West Virginia
County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 29th day of August, 2016.
My Commission expires April 16 2017, 20 .



NOTARY PUBLIC [Signature]
Purchasing Affidavit (Revised 08/01/2015)

State of West Virginia
VENDOR PREFERENCE CERTIFICATE

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

1. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,
 Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification;
 Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; **or**,
 Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or**,
2. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,
3. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; **or**,
4. **Application is made for 5% vendor preference for the reason checked:**
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or**,
5. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or**,
6. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7. **Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with *West Virginia Code* §5A-3-59 and *West Virginia Code of State Rules*.**
 Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

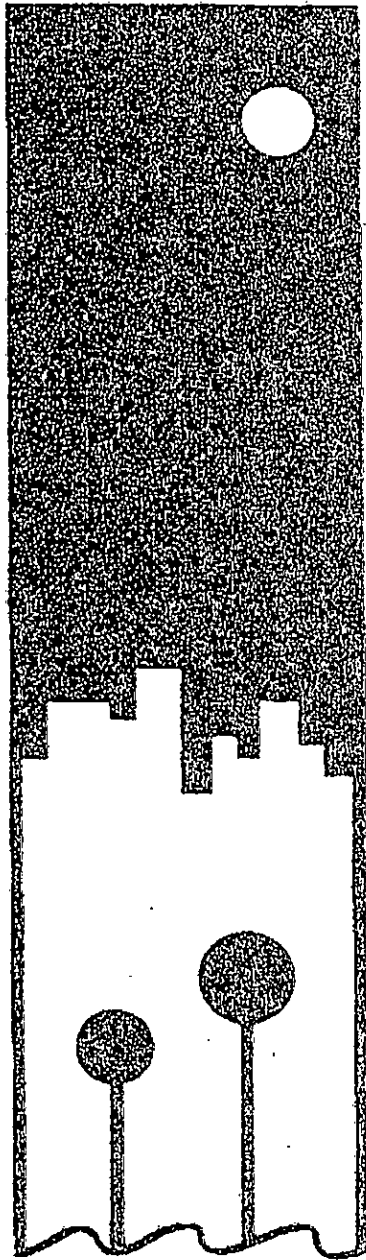
Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Specialty Groups Inc Signed: [Signature]
Date: 9-12-16 Title: Assist. Sec.

**Check any combination of preference consideration(s) indicated above, which you are entitled to receive.*



WEST VIRGINIA
CONTRACTOR
LICENSING
BOARD



CONTRACTOR LICENSE

Authorized by the
West Virginia Contractor Licensing Board

Number: WV005768

Classification:

ELECTRICAL SPECIALTY
GENERAL BUILDING
GENERAL ENGINEERING
HEATING, VENTILATING & COOLING
MULTIFAMILY
PIPING
PLUMBING
RESIDENTIAL
DRYWALL

SPECIALTY GROUPS INC
DBA SPECIALTY SUPPLY & EQUIPMENT
PO BOX 96
BRIDGEPORT, WV 26330-0096

Date Issued

Expiration Date

SEPTEMBER 20 2015 SEPTEMBER 20 2016

[Handwritten Signature]
Authorized Company Signature

Michael A. Carl
Chair, West Virginia Contractor
Licensing Board

This license, or a copy thereof, must be posted in a conspicuous place at every construction site where work is being performed. This license number must appear in all advertisements, on all bid submissions and on all fully executed and binding contracts. This license cannot be assigned or transferred by licensee. Issued under provisions of West Virginia Code, Chapter 21, Article 11.



