

EXHIBIT A

DESCRIPTION OF GOODS & SERVICES AND ADDITIONAL TERMS & CONDITIONS

1. DESCRIPTION OF GOODS AND SERVICES

This Contract is for bridge repair materials delivered throughout the State of Connecticut as listed in Exhibit B, Price Schedule for the Department of Transportation (“Client Agency”).

2. MATERIAL SPECIFICATIONS

- (a) Joint Sealing Compound, Type 1: This compound must be an asphalt based compound of tar kettle heated, hot-poured type with normal flow characteristics and moderate ambient temperatures. This material must conform to the requirements of American Society for Testing and Materials, 916 Race Street, Philadelphia PA 19103 (“ASTM”) D6690, Type 1.
- (b) Tar Kettle Type Joint Sealing Compound, Low Modulus: This compound must be an asphalt based compound of tar kettle heated, hot poured type with low flow characteristics at higher ambient temperatures. This material must conform to the requirements of ASTM D6690 modified as follows:

<u>TEST</u>	<u>REQUIREMENT</u>
Cone Penetration, 77°F	45mm maximum
Softening Point (ASTM D36)	200°F minimum
Resilience (ASTM D5329)	25% minimum
Flow, 140°F (ASTM D5329)	3mm maximum

- (c) Backer Rod: All backer rod must be conform in accordance with ASTM D5249, latest issue, Type 1 for hot-applied sealants or Type 3 for cold- applied sealants.
- (d) Sealant, Bridge Joint, Self-Leveling: A multi-component, silicone based, self- leveling sealant with rapid cure characteristics. Each kit must contain a mixing cone.
- (e) Primer: To be used in conjunction with 2(d) Sealant, Bridge Joint, Self-Leveling of this Exhibit A.
- (f) Dow Corning 888 Bridge Expansion Joint Sealant: This material is a non-sag, single component, silicone sealant. It must conform to the requirements of ASTM D5893. Substitutes may be considered by the Client Agency. The Client Agency shall approve any substitute in writing prior to issuing a purchase order.
- (g) Elastomeric (Polymeric) Header Material: This material must be a two (2) compound, rapid curing polymer and stone blend for use in bridge expansion joint header repairs. The material must include a supply of primer, adhesion promoter or bonding agent as recommended by the manufacturer for proper installation of header material. The header material must be the Silspec Polymer Nosing System, WaboCrete II or a substitute that has been approved by the Client Agency.
- (h) Elastomeric (Polymeric) Primer – Kit: Primer as recommended by the manufacturer for proper installation of header material.
- (i) Sandblast: Black Beauty medium grit in 100 pound bag.

EXHIBIT A

DESCRIPTION OF GOODS & SERVICES AND ADDITIONAL TERMS & CONDITIONS

- (j) Galvanic Anodes: Anodes must consist of a cast zinc core and comply with ASTM B418 Type II. The Client Agency shall consider Galvashield XP and Galvashield XPT by Vector Corrosion Technologies, Ltd. as approved materials. The Client Agency shall approve any substitute, in writing, prior to issuing a purchase order.
- (k) Primer Paint, Topcoat and Reducer/Thinner: The primer paint must be a lead-free, self-priming aluminum-filled epoxy mastic for use as a primer coat on bare steel or on previously coated steel structures where minimum surface preparation requirements conforms to the Steel Structures Painting Council- Surface Preparation Level 2. The topcoat must be a polyurethane material recommended for use with the supplied primer coat. The primer and topcoat must be one of the following three systems:

	<u>Product</u>	<u>Manufacturer</u>
Primer:	Carbomastic 15	Carboline Co.
Thinner:	Thinner 10	2150 Schuetz Road
Topcoat:	Carbothane 133 LV	St. Louis, MO 63146
Thinner:	Thinner 236 E	(800) 848-4645

	<u>Product</u>	<u>Manufacturer</u>
Primer:	Epoxy Mastic Aluminum II	Sherwin Williams
Reducer:	Xylene (below 80° F) Reducer 100 (above 80° F)	425 Benton Street Stratford, CT 06615
Topcoat:	HS Poly 250	(800) 474-3794
Reducer:	Oxsol 100, Reducer 58 or R7K111	

	<u>Product</u>	<u>Manufacturer</u>
Primer:	Carbomastic 90	Carboline Co.
Thinner:	Thinner 2	2150 Schuetz Road
Topcoat:	Carbothane 133 LV	St. Louis, MO 63146
Thinner:	Thinner 215 and 236 E	(800) 848-4645

- (l) Preformed Silicone Gland: This material must be a preformed, inverted “V” shaped silicone gland that is ultraviolet resistant and is intended for installation in bridge deck joints to seal the opening from water passage. The material must be compatible with concrete, steel and elastomeric concrete. All primer and sealant necessary for the proper function of the preformed gland must be included in the unit price as indicated in Exhibit B, Price Schedule. The Client Agency shall consider Silicoflex Joint Sealing System as manufactured by RJ Watson, Inc. as approved materials. The Client Agency shall approve any substitute, in

EXHIBIT A

DESCRIPTION OF GOODS & SERVICES AND ADDITIONAL TERMS & CONDITIONS

writing, prior to issuing a purchase order.

(m) Pre-compressed, Preformed Silicone Gland Joint System: This material must be made of a preformed silicone gland bonded to a resin-impregnated foam backer that is pre-compressed at the manufacturer's plant and is intended for installation in bridge deck joints to seal the opening from water passage. All primer, epoxy adhesive and silicone sealant necessary for the system's installation must be included in the unit price as indicated in Exhibit B, Price Schedule. The Client Agency shall consider BEJS System as manufactured by EMSEAL Joint Systems, Ltd. as approved materials. The Client Agency shall approve any substitute, in writing, prior to issuing a purchase order.

(n) Penetrating Sealer Protective Compound: The penetrating sealer protective compound must be one (1) of the following:

SIL-ACT ATS-100 (Silane)
Advanced Chemical Technologies, Inc.
9608 North Robinson Ave.
Oklahoma City, OK 73114
405-843-2585
www.advchemtech.com

Armor SX 5000 EXT-100 or SX 5000 WB (Silane Siloxane)
Foundation Armor, LLC.
472 Amherst St. STE 14
Nashua, NH 03063
866-306-0246
www.foundationarmor.com

Aquinil Plus 100 (Silane)
ChemMasters
300 Edwards Street
Madison, OH 44057
440-428-2105, 800-486-7866
www.chemmasters.net/Aquanil100.php

Certi-Vex Penseal 244 100% (Silane)
Vexcon Chemicals
7240 State Road
Philadelphia, PA 19135
888-839-2661
www.Vexcon.com

3. MATERIALS TESTING REQUIREMENTS:

(a) Contractor shall submit a notarized materials certificate confirming the conformance to the Standard Specifications for Roads, Bridges, Facilities and Incidental Construction

EXHIBIT A

DESCRIPTION OF GOODS & SERVICES AND ADDITIONAL TERMS & CONDITIONS

FORM 817, Section 1.06.07 with all shipments including items 1, 2 and 15 through 51 as listed in Exhibit B, Price Schedule.

(b) Contractor shall submit notarized certified test reports representing all batches/lots used confirming conformance with the Standard Specifications for Roads, Bridges, Facilities and Incidental Construction FORM 817, Section 1.06.07 for item 1 through 14 and 21 and 22 as listed in Exhibit B, Price Schedule.

4. PURCHASE ORDERS:

Contractor shall direct questions concerning purchase orders to the Client Agency Processing Unit at (860) 594-2070.

5. PRICING:

Contractor shall include the manufacturer's name and item number for each item bid.

All pricing includes all packing, packages and transportation with delivery charges fully prepaid by the Contractor, F.O.B. Client Agency designated destination.

6. DELIVERY:

Contractor shall make all deliveries in the quantities requested, to the location and within the timeframe specified on each purchase order.

All delivery locations are within the State of Connecticut. The Contractor shall make all deliveries within seven (7) days ARO.

The Contractor shall include a packing slip that references the purchase order number, identifies the material being delivered and the individual quantities with each delivery.

7. REQUIRED DOCUMENTATION:

The Contractor shall provide the current version of the Materials Safety Data Sheet (MSDS) for each item ordered in each delivery.

8. INVOICES AND PAYMENTS:

When the Connecticut Department of Transportation ("ConnDOT") is the Client Agency, payments will be issued by ConnDOT's Accounts Payable Unit through the Comptroller's Office. Payment and invoicing inquiries must be directed to ConnDOT's Accounts Payable Unit at (860) 594-2305.

All invoices shall include:

1. Contractor F.E.I.N.
2. Complete Contractor name and billing address.
3. Project number, if applicable.

EXHIBIT A

DESCRIPTION OF GOODS & SERVICES AND ADDITIONAL TERMS & CONDITIONS

4. Invoice number and date.
5. Purchase order number.
6. Itemized description of services and/or material supplied.
7. Adjustments, if applicable.
8. Quantity, unit of measure, unit price and extended amount.
9. Ticket numbers corresponding to each invoice must be listed or attached to the company invoice as a separate sheet, if applicable.
10. Work periods and traffic control prices must be itemized, if applicable.

For prompt payment processing, invoices must be mailed to the following address:

State of Connecticut
Department of Transportation
Bureau of Finance and
Administration Attn: Accounts
Payable
PO Box 317546
Newington CT 06131-7546

Payments may be delayed if the invoice form is not properly completed in accordance with the instructions noted above.

9. ADDITIONAL TERMS AND CONDITIONS:

(a) Contract Separately/Additional Savings Opportunities

DAS reserves the right to either seek additional discounts from the Contractor or to contract separately for a single purchase, if in the judgment of DAS, the quantity required is sufficiently large, to enable the State to realize a cost savings, over and above the prices set forth in Exhibit B, whether or not such a savings actually occurs.

(b) Mandatory Extension to State Entities

Contractor shall offer and extend the Contract (including pricing, terms and conditions) to political sub-divisions of the State (which includes towns and municipalities), schools, and not-for-profit organizations.

(c) P-Card (Purchasing MasterCard Credit Card)

Notwithstanding the provisions of Section 4(b)(2) of the Contract, purchases may be made using the State of Connecticut Purchasing Card (MasterCard) in accordance with Memorandum No. 2011-11 issued by the Office of the State Comptroller.

Contractor shall be equipped to receive orders issued by the Client Agency using the MasterCard. The Contractor shall be responsible for the credit card user-handling fee associated with

EXHIBIT A

DESCRIPTION OF GOODS & SERVICES AND ADDITIONAL TERMS & CONDITIONS

MasterCard purchases. The Contractor shall charge to the MasterCard only upon acceptance of Goods delivered to the Client Agency or the rendering of Services.

The Contractor shall capture and provide to its merchant bank, Level 3 reporting at the line item level for all orders placed by MasterCard.

Questions regarding the state of Connecticut MasterCard Program may be directed to Ms. Kerry DiMatteo, Procurement Card Program Administrator at 860-713-5072.

(d) Subcontractors

Subcontracting is not allowed under this Contract.

(e) Security and/or Property Entrance Policies and Procedures

Contractor shall adhere to established security or property entrance policies and procedures or both for each requesting Client Agency. It is the responsibility of each Contractor to understand and adhere to those policies and procedures prior to any attempt to enter any Client Agency premises for the purpose of carrying out the scope of work described in this Contract.