

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. Contract Number	Page of Pages 1   8	
2. Amendment/Modification Number <b>DCFB-2011-B-0160-003</b>		3. Effective Date 28-Jul-11		4. Requisition/Purchase Request No.	
				5. Solicitation Caption <b>Replacement of Windows at Engine Companies 7 &amp; 30</b>	
6. Issued By: Department of Real Estate Services Contracting and Procurement Division 2000 14th Street N.W., Suite 500 Washington, D.C. 20009			Code 03B	7. Administered By (If other than line 6) Department of Real Estate Services Contracting and Procurement Division 2000 14th Street N.W., Suite 500 Washington, D.C. 20009	
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)			(X)	9A. Amendment of Solicitation No. <b>DCFB-2011-B-0160</b>	
				9B. Dated (See Item 11) 5-Jul-11	
				10A. Modification of Contract/Order No.	
				10B. Dated (See Item 13)	
Code	Facility				
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>2</u> copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. Accounting and Appropriation Data (If Required)					
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14</b>					
(X)	A. This change order is issued pursuant to: (Specify Authority) The changes set forth in Item 14 are made in the contract/order no. in item 10A.				
	B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.				
	C. This supplemental agreement is entered into pursuant to authority of:				
	D. Other (Specify type of modification and authority)				
<b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copy to the issuing office.					
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)					
1. Bid Option 1, Exterior Restoration, Specifications, Attachment A.					
2. Revised Section B.4 of the solicitation to include CLIN 0003, Attachment B. Contractors must bid on this item.					
3. All other terms and conditions remain the same.time.					
Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect					
15A. Name and Title of Signer (Type or print)			16A. Name of Contracting Officer <b>Diane Wooden</b>		
15B. Name of Contractor		15C. Date Signed	16B. District of Columbia <i>Diane Wooden</i>		16C. Date Signed 7/28/2011
(Signature of person authorized to sign)				(Signature of Contracting Officer)	

# *Fenestration Analysis & Design, LLC*

## **BID OPTION # 1 EXTERIOR** **RESTORATION**

### **Fire Station # 7 & Maintenance Shop** **ATTACHMENT A** **AMENDMENT #3**



- 1.) *Power wash entire surface*
- 2.) *Grind out loose mortar joints*
- 3.) *Remove existing sealants*
- 4.) *Grind all cracks larger than 1/8" to a depth of 1/2".*
- 5.) *Repair all cracks and joints with 8500 psi verticoat supreme modified repair mortar.*
- 6.) *Prime entire surface.*
- 7.) *Apply (2) coats SherLastic® coating (data sheet attached).*
- 8.) *Provide 10-year coating warranty upon completion*
- 9.) *Restore ALL Pre-Cast Façade Station 7(see above) and restore All window sills all windows both buildings*

## SECTION 07560

### BID OPTION #1 RESTORATION FAÇADE/BRICK/SILLS SPECIFICATIONS

**SherLastic Elastomeric** is a coating that provides excellent flexibility, durability, and weather resistance. This product will protect against wind-driven rain when used on tilt-up, precast, or poured-in place concrete, CMU, and stucco. This may be applied to a surface with a pH of 6 to 12.

**Color: Provide approved color match to finish.**

**Two coat system, brush, roller, or spray applied, coverage per coat:**

115-160 sq ft/gal 10 - 14 mils wet; 4.0 - 6.0 mils dry

**1 coat system, spray applied, coverage per coat:**

60-80 sq ft/gal

20-28 mils wet; 8.0-12.0 mils dry

Can be applied up to 30 mils wet.

**Drying Time, @ 77°F, 50% RH:** temperature and humidity dependent

Touch: 4 hours Recoat: 24 hours **Finish:** 0-10 units @ 85°

**Tinting with Blend-A-Color: Base oz/gal Strength**

Extra White Base 0-5 100% Deep Base 4-12 100%

**Vehicle Type:** Acrylic 94 g/L; 0.79 lb/gal

**Volume Solids:** 41 ± 2%

**Weight Solids:** 57 ± 2%

**Weight per Gallon:** 11.2 lb

**Mildew Resistant**

#### **SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer.

#### **Concrete, Stucco**

Pressure clean to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, peeling and defective coatings, chalk, form release agents, moisture curing membranes, etc. Remove all mildew. Allow the surface to dry thoroughly. Concrete and mortar must be cured at least 7 days at 75°F.

On tilt-up and poured-in-place concrete, commercial detergents and sandblasting may be necessary to remove sealers, release compounds, and to provide an anchor pattern. Fill bugholes, air pockets, cracks, and other voids with an elastomeric patch or sealant.

ASTM D2370

1 ct SherLastic at 9.4 mils dft, 14 day cure @ 77°F & 50% RH

**Tensile Strength** ..... 335 psi

ASTM D2370 1 ct SherLastic at 9.4 mils dft,

14 day cure @ 77°F & 50% RH

**Freeze - Thaw Resistance** ..... Passes

Based on ASTM D2243

**Low Temperature Flexibility** ..... Passes

ASTM D522 - Method B @ 10°F

## **SPECIFICATIONS**

**A minimum total dry film thickness of 8 - 12 mils of topcoat and a surface with 10 or less pinholes per square foot is required for a waterproofing system.**

### **Concrete, Stucco**

1 ct. Loxon Concrete & Masonry Primer 1-2 cts. SherLastic Elastomeric Coating

### **Concrete Block, CMU, Split-face Block**

1 ct. Loxon Block Surfacer 2 cts. SherLastic Elastomeric Coating

(2 coats recommended due to the typical porosity of these surfaces)

### **Previously Coated**

1 ct. Loxon Acrylic Primer

or Loxon Conditioner

1-2 cts. SherLastic Elastomeric Coating

12/2009 [www.sherwin-williams.com](http://www.sherwin-williams.com) continued on back

**Concrete Solutions. Solid Results.**

## **MASONRY**

### **COATING SYSTEMS 102.36**

### **SHERLASTIC® ELASTOMERIC COATING A5-100 SERIES**

## **SURFACE PREPARATION**

Masonry surfaces must be dry, 15% or less of water, and within a pH range of 6 to 12. If the pH is above 12, prime the surface first with Loxon Primer or Loxon Surfacer.

**Sealing and Patching**—After cleaning the surface thoroughly, prime any bare surface with Loxon Acrylic Primer, apply an elastomeric patch or sealant if needed, allow to dry, then topcoat. To improve the performance consider:

- Use caution when preparing the substrate to create a uniform surface.
- Patch cracks, crevices, and openings with an elastomeric patch or sealant
- Stripe coat all inside and outside corners and edges with 1 coat of SherLastic Elastomeric.

## **CAUTIONS**

For exterior use only.

Protect from freezing.

Non-photochemically reactive.

Not for use on horizontal surfaces (floors, roofs, decks, etc.) where water will collect.

Not for use on overhead horizontal surfaces (under sides of balconies, soffits, etc.)

Not for use below grade. Will not withstand hydrostatic pressure.

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying.

If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved).

END OF SECTION

# BID OPTION #1 RESTORATION SPECIFICATIONS

**SHERWIN  
WILLIAMS.**

DC Fire Station # 7 102.36  
and Maintenance  
Shop

## SHERLASTIC® ELASTOMERIC COATING A5-100 SERIES

### CHARACTERISTICS

SherLastic Elastomeric is a coating that provides excellent flexibility, durability, and weather resistance. This product will protect against wind-driven rain when used on tilt-up, precast, or poured-in-place concrete, CMU, and stucco. This may be applied to a surface with a pH of 6 to 12.

**Color:** Many colors  
**Two coat system, brush, roller, or spray applied, coverage per coat:**  
115-160 sq ft/gal  
10 - 14 mils wet; 4.0 - 6.0 mils dry  
**1 coat system, spray applied, coverage per coat:**

60-80 sq ft/gal  
20-28 mils wet; 8.0-12.0 mils dry  
Can be applied up to 30 mils wet.  
**Coverage will vary with the substrate and the texture.**

**Drying Time, @ 77°F, 50% RH:**  
temperature and humidity dependent  
Touch: 4 hours  
Recoat: 24 hours  
**Flash Point:** N/A  
**Finish:** 0-10 units @ 85°

**Tinting with Blend-A-Color:**  
**Base oz/gal Strength**  
Extra White Base 0-5 100%  
Deep Base 4-12 100%  
**Vehicle Type:** Acrylic

**A5W00151**  
**VOC (less exempt solvents):**  
94 g/L; 0.79 lb/gal  
**Volume Solids:** 41 ± 2%  
**Weight Solids:** 57 ± 2%  
**Weight per Gallon:** 11.2 lb

**Mildew Resistant**  
This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

### PHYSICAL PROPERTIES

**Wind-Driven Rain Test** ..... Passes  
ASTM D6904-03  
1 ct Loxon Primer at 3.2 mils dft  
2 cts SherLastic at 4.0-6.0 mils dft/ct  
**Water Vapor Permeance** ..... 22.3 perms  
Based on ASTM D1653  
1 ct SherLastic at 9.4 mils dft,  
14 day cure @ 77°F & 50% RH  
**Elongation** ..... 350%  
ASTM D2370  
1 ct SherLastic at 9.4 mils dft,  
14 day cure @ 77°F & 50% RH  
**Tensile Strength** ..... 335 psi  
ASTM D2370  
1 ct SherLastic at 9.4 mils dft,  
14 day cure @ 77°F & 50% RH  
**Freeze - Thaw Resistance** ..... Passes  
Based on ASTM D2243  
**Low Temperature Flexibility** ..... Passes  
ASTM D522 - Method B @ 10°F

### SPECIFICATIONS

**A minimum total dry film thickness of 8 - 12 mils of topcoat and a surface with 10 or less pinholes per square foot is required for a waterproofing system.**

**New Construction  
Concrete, Stucco**  
1 ct. Loxon Concrete & Masonry Primer  
1-2 cts. SherLastic Elastomeric Coating

**Concrete Block, CMU, Split-face Block**  
1 ct. Loxon Block Surfacers  
2 cts. SherLastic Elastomeric Coating  
(2 coats recommended due to the typical porosity of these surfaces)

**Previously Coated**  
1 ct. Loxon Acrylic Primer  
or Loxon Conditioner  
1-2 cts. SherLastic Elastomeric Coating

### SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer.

**Concrete, Stucco**  
Pressure clean to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, peeling and defective coatings, chalk, form release agents, moisture curing membranes, etc. Remove all mildew. Allow the surface to dry thoroughly. Concrete and mortar must be cured at least 7 days at 75°F. On tilt-up and poured-in-place concrete, commercial detergents and sandblasting may be necessary to remove sealers, release compounds, and to provide an anchor pattern. Fill bugholes, air pockets, cracks, and other voids with an elastomeric patch or sealant.

# SHERLASTIC<sup>®</sup> ELASTOMERIC COATING A5-100 SERIES

**SHERWIN  
WILLIAMS.**

## SURFACE PREPARATION

Masonry surfaces must be dry, 15% or less of water, and within a pH range of 6 to 12. If the pH is above 12, prime the surface first with Loxon Primer or Loxon Surfer.

**Sealing and Patching**—After cleaning the surface thoroughly, prime any bare surface with Loxon Acrylic Primer, apply an elastomeric patch or sealant if needed, allow to dry, then topcoat.

To improve the performance consider:

- Use caution when preparing the substrate to create a uniform surface.
- Patch cracks, crevices, and openings with an elastomeric patch or sealant
- Stripe coat all inside and outside corners and edges with 1 coat of SherLastic Elastomeric.

## APPLICATION

Apply at temperatures between 50°F and 100°F. **Do not reduce.**

**Brush** - Use a nylon/polyester brush. Avoid over-brushing which causes air bubbles.

**Roller** - Use a ½" to 1½" nap synthetic roller cover. Avoid rapid rolling which causes bubbling.

**Spray—Airless**

Pressure, minimum ..... 2300 psi

Tip, minimum ..... .021"

The substrate and its condition will determine the application procedure. Considerations to minimize pinholes:

- 2 coat application with overnight drying between coats
- Spray application with backrolling
- Power rolling

## CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment.

Follow manufacturer's safety recommendations when using mineral spirits.

## CAUTIONS

For exterior use only.

Protect from freezing.

Non-photochemically reactive.

Not for use on horizontal surfaces (floors, roofs, decks, etc.) where water will collect.

Not for use on overhead horizontal surfaces (under sides of balconies, soffits, etc.)

Not for use below grade. Will not withstand hydrostatic pressure.

### CAUTIONS

CAUTION contains CRYSTALLINE SILICA and ZINC. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**  
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The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.

**ATTACHMENT B, AMEDMENT #3**

**SECTION B: SCHEDULE FOR CONSTRUCTION, ALTERATIONS, PRICE REVISED**

**B.1** The District of Columbia Department of Real Estate Services (DRES), Contracting and Procurement Division on behalf of the Department of Fire and Emergency Services (FEMS) is seeking a contractor to provide all labor, materials and equipment for the Replacement of Windows at Engine Companies 7 and 30 located at 1101 Half St SW and 50 49th St NE, Washington DC, respectively.

**B.2 IFB - OPEN MARKET SOLICITATIONS (CONSTRUCTION) (35% SBE SUBCONTRACTING SET-ASIDE FOR CONTRACTS OVER \$250,000)**

A bidder responding to this solicitation, unless exempted by Section H.14, must submit with its bid, a notarized statement detailing its subcontracting plan as incorporated in Section K.3. Bidders responding to this IFB shall be deemed nonresponsive and shall be rejected if the bidder fails to submit a subcontracting plan that is required by law. For construction contracts in excess of \$250,000.00, at least 35% of the dollar volume of the contract shall be subcontracted in accordance with Section H.14. The Subcontracting Plan shall meet the requirements described under Section H.18 of this Solicitation.

**B.3** he District contemplates award of a firm fixed-price contract. The estimated price range for this requirement is between \$500,000.00 - \$1,000,000.00.

**B.4 The Bidder must bid lump sum firm fixed price for the following Contract Line Item Numbers (CLINs) as described below.**

CLIN	Description	Lump Sum Price
0001	Provide all labor, materials and equipment for the Replacement of Thirty Three (33) Windows at Engine Company 30, located at 50 49th St NE, Washington, DC, as described in the Scope of Work in Section C of this solicitation package and Attachment J.1	
0002	Provide all labor, materials and equipment for the Replacement of One Hundred Thirty Five (135) Windows, Twenty Two (22) sections of glass block at Engine Company 7, located at 1101 Half St SW, Washington, DC, as described in the Scope of Work in Section C of this solicitation package and Attachment J.2	
<b>TOTAL LUMP SUM PRICE</b>		<b>\$</b>
0003	Option # 1 – Exterior Restoration Fire Station #7, Maintenance Shop, per Attachment A, Amendment #3. (Not Evaluated)	<b>\$</b>

\*In case of any discrepancy between the numerical “TOTAL LUMP SUM PRICE” and the “TOTAL LUMP SUM PRICE IN WORDS”, the TOTAL LUMP SUM IN WORDS PRICE shall govern.

**TOTAL LUMP SUM PRICE IN WORDS FOR CLIN 0001 and CLIN 0002**