



July 22, 2015

ADDENDUM NO. 1 TO ALL BIDDERS:

Invitation to Bid: ITB # 16-01-02

Description: Berglund Center Coliseum Painting

Dated: July 6, 2015

For Delivery to: Purchasing Division, City of Roanoke, Virginia

Bid Due: July 23, 2015

**OPENING DATE AND TIME: This ITB opening date and time are hereby changed to July 31, 2015 at 2:00 p.m.**

**REPLACE: ATTACHMENT D.**

Attached as Revised Attachment D, is a copy of Section 09 91 10, "PAINTS AND COATINGS," which is intended to replace, in its entirety, Section 09 91 10 that was included as Attachment D to the original ITB. A number of changes have been made to the document to include revisions to the specifications for the paint products and procedures for application. Each Bidder shall carefully consider these changes in preparing its Bid.

**CLARIFICATION: SECTION 3, SERVICES AND/OR ITEMS REQUIRED AND SCOPE OF WORK (ATTACHMENT B, SAMPLE CONTRACT, EXHIBIT 2).**

The information provided below is to provide clarification regarding the extent of the painting work requested under ITB#16-01-03. To that end the following synopsis is offered to better clarify the Scope of Work required within the Coliseum arena. In no way is this synopsis intended to serve as a comprehensive and precise listing of all surfaces, elements and components that need to be painted. In general, the painting work requested under this ITB addresses ALL previously painted work described herein or by inference indicated on the Drawings.

- **General:** Bidders shall carefully examine the Drawings included as part of this ITB to verify the extent of the painting, specifically how far into entrance alcoves, passageways and other similar spaces the painting work extends.
- **Arena Floor Level:** All concrete walls from the arena (event) floor up to and including the short concrete wall which offsets from the lower wall and serves as part of the protective rail system for the lower ("club") seating area. This work includes the walls around the steps located at each end of the east and west seating sections, as well as the entry/exit points located at the four corners of the arena. All previously painted walls within those four entry/exit locations are to be painted under this ITB, along with the soffits/"ceilings" found above those locations. All previously painted concrete or plaster soffits and plaster/drywall ceilings shall also be painted as part of this Scope of Work; **DO NOT** paint acoustical tile ceilings.

- Concourse Level: All low concrete walls located along both sides of the interior concourse that connects and provides access to each of the 34 seating sections in the arena, to include the walls that serve to identify the lower (“club”) seating area and those that occur along the lower side of the “general” seating area, as well as the walls that form and identify the (12) vomitories which lead from the arena to the building’s main concourse, along with the concrete or plaster soffits/“ceilings” above those vomitories, shall be painted as part of this ITB. (Note: The large illuminated signs at those vomitories will not be removed and therefore must be protected while the painting work is being performed.)
- Upper Level: All concrete masonry walls which enclose each of the four storage and mechanical rooms found at the upper portion of each corner in the arena shall be prepped and painted. See comment below regarding the doors and frames to those rooms.
- Steel Rails and Handrails: All steel handrails, guardrails, and supports and metal accessories related to the rails located within the seating bowl or that are used to access the seating bowl, as well as the freestanding mesh railing systems found at the four seating areas for the physically disabled along the interior concourse level shall be properly prepped and painted.
- Acoustical Panels: All cementitious wood (acoustical) panels that are attached to the walls above the seating bowl (between the concrete columns), shall be prepped and painted.
- Access Doors and Panels: All previously painted access doors, and doors to miscellaneous panels shall be painted; DO NOT paint doors or frames of electrical panels.
- Doors and Frames: With exception of the four pair of doors that lead to each of the four storage/mechanical rooms located at the upper corners of the seating bowl, all other previously painted doors and frames within the Coliseum arena are NOT to be painted under this Scope of Work. Only the arena side of the doors and frames located in the upper corners are to be painted; the interior side of those doors and frames shall remain undisturbed.
- Roof Area: All structural steel framing, secondary framing and bracing, concrete beams and slabs directly above the seating bowl, all electrical and mechanical work, and all other work that supports the roof or is hung therefrom is NOT included under this ITB.
- Press Boxes and Catwalks: All structural steel framing to include beams, columns and hangars, ladders, metal railing systems, and all other components related to the elevated press boxes, lighting booths, and other elements found suspended above the seating bowl are NOT included under this ITB.

**ADD: ATTACHMENT G, LEAD BASED PAINT AND ASBESTOS TESTING RESULTS**

Attachment G is a copy of the test results for asbestos and lead furnished by Environmental Investigations, Inc., dated July 21, 2015, for existing painted surfaces (concrete and metal) within the arena portion of the Coliseum building. As stated in the cover letter from the City’s Office of Environmental Management, which is attached to those test results, no asbestos or lead was identified in the samples or portions of walls tested as part of that investigation.

**Note:** A signed acknowledgment of this addendum should be received at the location indicated on the RFP either prior to the due date and hour or attached to your response. Signature on this addendum does not substitute for your signature on the original bid document. The original bid document must be signed.

Very truly yours,

Monica Cole, Senior Buyer  
Phone: 540-853-2871

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Signature/Title

\_\_\_\_\_  
Date

**REPLACEMENT ATTACHMENT D  
TO ITB#16-01-03  
SPECIFICATIONS FOR PAINTING**

**PAINTS AND COATINGS  
Section 09 91 10**

**PART 1 GENERAL**

1.1 SUMMARY

- A. Section includes surface preparation and field application of paints and other coatings.

1.2 SUBMITTALS

- A. Product Data: Successful Bidder shall, if requested by the City, be required to submit data on all finishing products and coatings.
- B. Samples:
  - 1. Successful Bidder shall, if requested by the City, submit two paper chip samples, 3" x 3" in size, illustrating range of colors and textures available for each surface finishing product scheduled.
  - 2. Product List: For each product indicated, include a cross-reference to paint system and locations of application areas. Use same designations indicated on drawings and found in Invitation or specified herein.
- C. Manufacturer's Installation Instructions: Submit special surface preparation procedures and substrate conditions requiring special attention.

1.3 OPERATION AND MAINTENANCE DATA

- A. Operation and Maintenance Data: Submit data on cleaning, touch-up, and repair of painted and coated surfaces.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.
- B. Container Label: Include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.
- C. Paint Materials: Store at minimum ambient temperature of 45-degrees F and a maximum of 90-degrees F, in ventilated area, and as required by manufacturer's instructions.

1.5 ENVIRONMENTAL REQUIREMENTS

- A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the paint product manufacturer.
- B. Minimum Application Temperatures for Coatings and Paints: Per manufacturer's written instructions.
- C. Provide lighting level of 80-foot candles measured mid-height at substrate surface.

#### 1.6 EXTRA MATERIALS

- A. Supply 1-gallon containers equaling 2% of each color, type, and surface texture; store where directed.
- B. In addition to the manufacturer's label, identify each container with color, type, texture, and room location(s).

### **PART 2 PRODUCTS**

#### 2.1 PAINTS AND COATINGS

- A. Manufacturer: Products made by Sherwin-Williams shall be used in the completion of the work described herein. No substitutions will be allowed. Color selection will be at the sole discretion of the City.

#### 2.2 COMPONENTS

- A. Coatings: Ready mixed, except field catalyzed coatings. Prepare coatings:
  - 1. To a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating.
  - 2. For good flow and brushing properties.
  - 3. Capable of drying or curing free of streaks or sags.
- B. Accessory Materials: Linseed oil, shellac, turpentine, paint thinners and other materials not specifically indicated but required to achieve the finishes specified; commercial quality.
- C. Patching Materials: Latex filler.

### **PART 3 EXECUTION**

#### 3.1 EXAMINATION

- A. Verify that surfaces and substrate conditions are ready to receive Work as instructed by the product manufacturer.
- B. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application.

- C. Test shop applied primer for compatibility with subsequent cover materials.

### 3.2 PREPARATION

- A. Except as may be specified elsewhere in this Section, properly prepare all existing surfaces identified to be painted as stipulated below.
- B. Surface Appurtenances: Remove electrical plates, hardware, light fixture trim, escutcheons, and fittings prior to preparing surfaces or finishing.
- C. Surfaces: Correct defects and clean surfaces which affect work of this section. Remove or repair existing coatings that exhibit surface defects.
- D. Marks: Seal with shellac those which may bleed through surface finishes.
- E. Impervious Surfaces: Remove mildew by scrubbing with solution of tetra-sodium or tri-sodium phosphate and bleach. Rinse with clean water and allow surface to dry.
- F. Galvanized Surfaces: Remove surface contamination and oils and was with solvent. Apply coat of etching primer.
- G. Concrete and Concrete Masonry Unit Surfaces: Remove dirt, loose mortar, scale, salt or alkali powder, and other foreign matter. Remove oil and grease with a solution of tri-sodium phosphate; rinse well and allow to dry. Remove stains caused by weathering of corroding metals with a solution of sodium metasilicate after thoroughly wetting with water. Allow to dry. Clean walls as hereinafter specified.
- H. Uncoated Steel and Iron Surfaces: Remove grease, mill scale, weld splatter, dirt, and rust. Where heavy coatings of scale are evident, remove by hand, power tool, wire brushing or sandblasting; clean by washing with solvent. Apply a treatment of phosphoric acid solution, ensuring weld joints, bolts, and nuts are similarly cleaned. Spot prime paint after repairs.
- I. Shop Primed Steel Surfaces: Sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces. Prime metal items including shop primed items.

### 3.3 APPLICATION

- A. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.
- B. Apply each coat to uniform appearance. Apply each coat of paint slightly darker than preceding coat unless specified otherwise.
- C. Sand metal surfaces lightly between coats to achieve required finish.
- D. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.

### 3.4 FIELD QUALITY CONTROL

- A. Inspect and test questionable coated areas.

### 3.5 CLEANING

- A. Collect waste material which may constitute a fire hazard, place in closed metal containers, and remove daily from site.

### 3.6 SCHEDULE—INTERIOR SURFACES

#### A. Concrete/Concrete Masonry Walls:

1. Cleaner/Degreaser: Great Lakes Laboratories, Extra Muscle Prepaint Cleaner (re: 01560754—Cleaners; Caution: After cleaning, previous coating must be abraded to a dull finish prior to application of any new paint/coating)
2. Two (2) Coats Sherwin-Williams B73W00111, Waterbased Tile-Clad® Epoxy, (2)-Component Water-Based Epoxy

#### B. Wood Fiber (Acoustical) Panels:

1. Carefully dust panels using appropriate nozzle and pressure to remove loose dirt and debris. Do not apply pressure at such a level so as to damage wood fiber material in board.
2. Two (2) Coats Sherwin-Williams B30W02651, ProMar® 200 Zero VOC Interior Latex Flat

#### C. Handrails:

1. Cleaner: Great Lakes Laboratories, Extra Muscle Prepaint Cleaner (re: 01560754—Cleaners)
2. Two (2) Coats Sherwin-Williams B73W00111, Waterbased Tile-Clad® Epoxy

#### D. Steel and/or Ferrous Metal:

1. Prime bare steel, if steel is previously coated, touch up bare spots and omit primer over existing paint
2. Primer: Sherwin-Williams B66W00310, Pro Industrial Pro-Cryl® Universal Acrylic Primer
3. Two (2) Coats Sherwin-Williams B66W01151, Pro Industrial DTM Acrylic Semi-Gloss

### 3.7 PAINT COLOR SCHEDULE:

- A. Paint colors will be as later selected by the City.

**END OF SECTION 09 91 00**

**ATTACHMENT G  
TO  
ITB #16-01-03  
BERGLUND CENTER COLISEUM PAINTING  
LEAD BASED PAINT AND ASBESTOS TESTING RESULTS  
(6 Pages)**



**Office of Environmental Management**

Christopher Blakeman, MS, REM  
Environmental Administrator  
Noel C. Taylor Municipal Building  
215 Church Avenue, S.W., Suite 354  
Roanoke, Virginia 24011  
540-853-1173 fax: 540-853-1364

**MEMORANDUM**

DATE: July 21, 2015  
TO: Charlie Anderson, Engineering  
CC: Monica Cole, Purchasing

SUBJECT: Lead Based Paint and Asbestos Testing – BCC Coliseum Paint

In response to concerns that were raised about the possibility of lead and/or asbestos being present in the light/medium grey paint that is scheduled to be abraded and repainted in the coliseum, my office contracted with the EI Group to have multiple surfaces (vertical and horizontal concrete, as well as pipe rail) and areas (four general areas, with multiple surfaces within each) of the paint tested using a portable X-Ray Fluorescence detector on Friday, July 17, 2015. Additionally, EI collected separate paint chip samples which were sent for laboratory analysis and confirmation.

I'm pleased to report that there is no asbestos or lead in the paint that was tested. Attached for your reference are the laboratory sample documents.

Please Reply To:



**AmeriSci Richmond**

13635 GENITO ROAD  
MIDLOTHIAN, VIRGINIA 23112  
TEL: (804) 763-1200 • FAX: (804) 763-1800

**FACSIMILE TELECOPY TRANSMISSION**

**To:** Eric Cureton  
Environmental Investigations, Inc.  
**Fax #:**  
**Email:** ecureton@e1.com

**From:** C. David Mintz  
**AmeriSci Job #:** 115071956  
**Subject:** PLM 24 hour Results  
**Client Project:** Civic Center; Lim Paint AB

**Date:** Monday, July 20, 2015  
**Time:** 13:28:56  
**Comments:**

**Number of Pages:** 3  
(including cover sheet)

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13635 GENITO ROAD  
MIDLOTHIAN, VIRGINIA 23112  
TEL: (804) 763-1200 • FAX: (804) 763-1800

## PLM Bulk Asbestos Report

Environmental Investigations, Inc.  
Attn: Eric Cureton  
15 East Salem Avenue  
Suite 301  
Roanoke, VA 24011

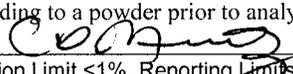
**Date Received** 07/20/15  
**Date Examined** 07/20/15  
**RE:** Civic Center; Lim Paint AB

**AmeriSci Job #** 115071956  
**P.O. #**  
**Page** 1 **of** 1

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CC-01 Location: S. Wall	115071956-01	No	NAD (by CVES) by C. David Mintz on 07/20/15
<b>Analyst Description:</b> Brown / Gray, Heterogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
<b>Comment:</b> Brown Paint-Sealant on top surface			
CC-02 Location: W. Wall	115071956-02	No	NAD <sup>1</sup> (by CVES) by C. David Mintz on 07/20/15
<b>Analyst Description:</b> Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			

### Reporting Notes:

(1) Sample homogenized by grinding to a powder prior to analysis.

Analyzed by: C. David Mintz  Date 7/20/15

\*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: \_\_\_\_\_





EMSL ANALYTICAL, INC.  
Laboratory - 2401 E. Main Street  
Cinnaminson, NJ 08077

### Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

3811

EMSL ANALYTICAL, INC.  
200 ROUTE 130 NORTH  
CINNAMINSON, NJ 08077  
PHONE: (800) 220-3675  
FAX: (856) 786-5974

Company: <u>EI</u>		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different <small>(If Bill to is Different, note instructions in Comments)</small>		
Street: <u>15 E. SALOM AVE STE 301</u>		Third Party Billing requires written authorization from third party		
City: <u>ROANOKE</u>	State/Province: <u>VA</u>	Zip/Postal Code: <u>24011</u>	Country: _____	
Report To (Name): <u>ERIC CURTIN</u>		Telephone #: <u>540-343-7575</u>		
Email Address: <u>ECURTIN@EI.COM</u>		Fax #: _____		
Project Name/Number: <u>CIVIC CENTER</u>		Purchase Order: _____		
U.S. State Samples Taken: <u>VA</u>		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		
		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt		
<b>Turnaround Time (TAT) Options* - Please Check</b>				
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week				
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>				
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input checked="" type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm <sup>2</sup> <input type="checkbox"/> ppm	SW846 7000B	Flame Atomic Absorption	0.01%	<input checked="" type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <small>ASTM non ASTM <input type="checkbox"/>   *If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50 (2013)	ICP MS	1.2 µg/filter	<input type="checkbox"/>
Other				<input type="checkbox"/>
Name of Sampler		Signature of Sampler		
Sample #	Location	Volume/Area	Date/Time Sampled	
<u>CC-Pol</u>	<u>S. WALL</u>	<u>48 in<sup>2</sup></u>	<u>7/12/15</u>	
Client Sample #'s	<u>CC-Pol</u>	Total # of Samples		
Relinquished (Client)	<u>JOETINAGUA</u>	Date:	<u>7/12/15</u>	
Received (Lab):	<u>JH</u>	Date:	<u>7-20-15</u>	
Comments:				
<u>Fx 898737746097</u>				



**EMSL Analytical, Inc.**

706 Gralin Street, Kernersville, NC 27284  
Phone/Fax: (336) 992-1025 / (336) 992-4175  
<http://www.EMSL.com> [greensborolab@emsl.com](mailto:greensborolab@emsl.com)

EMSL Order: 021503811  
CustomerID: EINV62  
CustomerPO:  
ProjectID:

Attn: **Eric Cureton**  
**The EI Group, Inc.**  
**15 Salem Avenue Southeast**  
**Suite 301**  
**Roanoke, VA 24011**

Phone: (540) 343-9595  
Fax: (540) 343-5902  
Received: 07/20/15 10:20 AM  
Collected:

Project: **Civic Center**

**Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)\***

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
CC-P01	021503811-0001		7/21/2015	<0.010 % wt

James Cole, Laboratory Manager  
or other approved signatory

\*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise.  
Samples analyzed by EMSL Analytical, Inc. Kernersville, NC EMSL Lab ID 102564 is accredited by the AIHA Laboratory Accreditation Program (AIHA-LAP), LLC in the Environmental Lead accreditation program for Lead in Paint Chips.

Initial report from 07/21/2015 08:56:55