

**ADDENDUM NUMBER ONE**

**University of South Carolina**  
**USC Beaufort Roof Repair Project**  
**Owner's Project Number: H36-9513 / CP00367724**

PREPARED BY: Dwight Cathcart (USC Project Manager)

DATE OF ISSUE: August 29, 2013

TO: ALL BIDDERS OF RECORD

The following items shall take precedence over the drawings and specifications for the above named project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

**BIDDER SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM. FAILURE TO DO SO MAY CONSTITUTE BID NONRESPONSIBLE.**

This addendum consists of 1 page and **FOUR (4) attachments:**

1. Owner provided HAZMAT documents for ACM material found on the Sandstone Building (6) pages, Pre-Bid meeting sign in Sheet (2) pages, Pre-Bid Meeting sign in sheet for HVAC Repair project (1) page, and Q&A from Pre-Bid meeting provided by Essex Consulting Engineers (2) pages.

**I. GENERAL CLARIFICATION**

1. See attached pre-bid sign in sheet for your records.
2. Bid closing location has been changed to 801 Carteret Street, Beaufort College Building, Room 103, Beaufort SC 29902. Date and time to remain the same, 9-5-2013 at 11:00 am.
3. See attached Q&A information provided by Essex Engineers following Pre-Bid Conference.
4. See attached HAZMAT documents provided by the Owner for your information. NOTE that the HAZMAT survey provided is for information only and will not be involved in the scope.
5. Last day for RFI's is August 29, 2013 COB.

END OF ADDENDUM NUMBER ONE

# University of South Carolina Pre Bid Sign In Sheet

Columbia, South Carolina

Project Name:

USCB Roof Repairs

Project Number:

H36-9513

Pre Bid Date & Time:

August 27, 2013 @ 11AM

Name	Company	Address	Phone #	Email
Ted S Bourne	C.E. Bourne Co	PO Box 694 Lanewood, SC 29555	864-223-0188	ted@cebourne.com
Wade Lancaster	Metalcrafts, Inc. ROOFERS SUPPLY OF GREENVILLE	PO Box 1665 Savannah, GA 34 CONSTRUCTION DR. PIEDMONT SC 29673	(912) 236-0615	WLANC@metalcraftinc.com
MIKE MOORSHEAD		1345 N OLE RD SUNTER SE 29571	864-299-0055	mikemo@roofersupplyinc.com
Stahn Wiles	Roche Inc	Sunter, SC 29152	803-775-8560	Roche@sc.rl.beam
Paul Cremer	Fast Roofing	1410 Oakland Ave 1210 HENSLEY HWY PO BOX 1000 ROCHESTER SC 29733	803-773-9391	pcr@fastroofing.com
WILLIAM ZAKKAKOS	Southern Roof & Ceilings	1210 HENSLEY HWY PO BOX 1000 ROCHESTER SC 29733	803-784-7676	willz@southernroof.com
Donny Coleman	Southern Roof & Ceiling Co	BIO Honey Hill Rd Hartsville SC	803-784-7676	donny@southernroof.com
KEVIN SULLIVAN	RPI	429 LANGWOOD DR. RICHMOND HILL, GA 31324	912-651-0543	ksullivan@RPIROOF.COM
RILIND RYAN	Carstar Roofing Co. Inc	3234 Lakeshore Dr Cherokee, SC 29714	843-906-7151	ryanr@cmr1.com

\*Please make sure you list your company name as registered with LTR.

\*By signing and providing your email address, you are authorizing the University of South Carolina to send you information electronically.

# University of South Carolina Pre Bid Sign In Sheet

Columbia, South Carolina

**Project Name:** USCB Roof Repairs  
**Project Number:** H36-9513  
**Pre Bid Date & Time:** August 27, 2013 @ 11AM

Name	Company	Address	Phone #	Email
Dwight Cathcart	USC Columbia Main Campus	743 Greene St. Columbia SC. 29208	803-240-5394	dcathcar@usc.edu
<i>[Signature]</i>	USC Beaufort	801 Carlelet 29902	843-521-4140	hjolmet@usc.edu
Dwight Jones	Essex	4611 Hardaway Road Columbia, SC	404/365-6482	djones@Essexco.com
Mike Parrott	USCB	UNIVERSITY BLD BUFFINGTON 29909	843-208-8040	PPARROT@USCB.SPY
Bill Beltz	NEWTECH	6 Ghos Pop 4 Buffton, SC 29910	843 706 3760	WFBELTZ@kcl.com
Lance Barron	Essex	4611 Hardaway Rd Columbia SC	404-365-4482	Lbarron@Essexco.com

Please make sure you list your company name as registered with LTR.  
 \* By signing and providing your email address, you are authorizing the University of South Carolina to send you information electronically.

# University of South Carolina Pre Bid Sign In Sheet

Columbia, South Carolina

Project Name: HVAC Modifications & Upgrades

Project Number: H36-9513-A

Pre Bid Date & Time: August 27, 2013 @ 1:30PM

Name	Company	Address	Phone #	Email
ALEX DRAETS	W.O. BLACKSTONE	184 SHOO RD. COLLA, SC 29201	803-360-6942	adnaets@wo blackstone.com
BAYAN SMYTHE	JOHNSON BROTHERS N. CHARLESTON SC	SEAFARV BLVD 745 GREEN ST COLUMBIA SC 29208	843-725-9187	MARK.A.ZIP @TGI.COM
DAUGHT CATHCART	USE COLUMBIA Main Campus		803-240-5314	daught@fmc. sc.edu
MIKE PARROTT	USCB	1 UNIVERSITY BLVD COLUMBIA SC 29909	843-208-8040	PARROTT@USCB.EDU
J.B. HANEY	USCB	25 W CAMPUS ST. BLUFFTON, SC 29910		
JACKIE HOLMES	USER	801 CARETREET 29902	943 368-1296	hholmes1@uscb.edu
DAUGHT JONES	ESSEX	4611 HARD SUTKLO RD COLUMBIA, SC	404/915-5413	djones@essexo.com

Please make sure you list your company name as registered with LLR.

\* By signing and providing your email address, you are authorizing the University of South Carolina to send you information electronically.

Q&A from  
Pre-Bid Conference  
USCB Beaufort Campus Roof Repairs  
State Project No. H36-9513  
University of South Carolina Beaufort  
Beaufort, South Carolina

August 27, 2013

1. What is the scope for the coping repairs on the Beaufort College Building?  
Answer: Repair cracks in coping cap and cover with elastomeric coating top and inner side.
2. What is the scope for the parapet flashing on the Beaufort College Building?  
Answer: Repair open laps, penetrations, and any physical damage.
3. What is the scope for the metal roof repair on the Beaufort College Building?  
Answer: Prepare spots of corrosion, treat, and coat entire roof with specified coating.
4. Is the faux chimney on the Beaufort College Building in the scope of work?  
Answer: No.
5. What is the scope for the EIFS band on the Sandstone Building?  
Answer: Repair cracks as required based on size and apply elastomeric coating to EIFS bands, including vertical bands.
6. What is the scope for the parapet flashing Sandstone Building?  
Answer: Repair loose laps, penetrations, and any physical damage.
7. What is the scope for the HVAC curb flashing Sandstone Building?  
Answer: Repair loose laps, penetrations, and any physical damage.
8. Are vertical control joints in the brick masonry on the Center for the Arts included in the scope?  
Answer: No.
9. Is the low-slope roof on the Marine Science Building one roof?  
Answer: Yes.
10. Is the low-slope roof deck on the Marine Science Building wood?  
Answer: Yes.

11. Is epoxy injection of the handrail stanchions on the low-slope roof on the Grayson Faculty House included in the scope of work?  
Answer: Yes.

**FM00433293****USC Work Order****Description** HAZMAT SURVEY USCB CAMPUS ROOF REPAIR PROJECT

<b>Site</b>	BEAUFORT	<b>Assigned To</b>	JPROVENCE
<b>Building</b>	807 CENTER FOR THE ARTS	<b>Crew</b>	HAZMAT
<b>Floor</b>	<b>Room:</b>	<b>Start Date</b>	<b>Priority</b> 3
<b>Equipment</b>		<b>Due date</b>	16-AUG-13
		<b>Request Date</b>	02-AUG-13 by DCATHCAR

<b>Request #</b>	FM00433293	<b>Description</b>	HAZMAT SURVEY USCB CAMPUS ROOF REPAIR PROJECT
<b>Parent WO #</b>			

<b>CP Number</b>	CP00367724	DM12 USCB BEAUFORT CAMPUS ROOF REPAIRS
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<b>State/Internal Project Number</b>	H36-9513
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<b>Requestor</b>	<b>Project Manager</b>	CATHCART, CHARLES D.
<b>Telephone</b>	<b>Telephone</b>	777-9824
<b>Alternate</b>	<b>Estimated Cost</b>	\$ 870.00
<b>Telephone</b>	<b>Billing</b>	FIXED PRICE
<b>Non-Available Time</b>	17220-W702-57120 (DEFERRED MAINTENANCE 2012)	

**Task List**

<b>DATE WORK STARTED</b>	<b>CAUSE</b>	
<b>DATE WORK COMPLETED</b>	<b>CONDITION</b>	
<b>EQUIPMENT</b>		
<b>CLOSING REMARKS</b>		
<b>BENCHSTOCK MATERIALS</b>		
<b>Qty</b>	<b>Description</b>	<b>Price Per Unit</b>

**Supervisor's Approval**

<b>Note Date</b>	<b>Title</b>
09-AUG-13	HAZMAT SURVEY RESULTS - SANDSTONE BUILDING
SURVEY DATE: 8/1/13	
INSPECTOR #: DWIGHT CATHCART (BI-01178)	
STATUS: DWIGHT CATHCART COLLECTED SAMPLES OF THE FOLLOWING MATERIALS. THE MATERIALS HAVE BEEN TESTED FOR ASBESTOS AND RESULTS FOLLOW:	
METAL FLASHING CAULK - POSITIVE FOR ASBESTOS	
PAPER UNDER METAL HIPS AND FLASHING - POSITIVE FOR ASBESTOS	
JOINT FILLER AT ROOFING SEAMS - NEGATIVE FOR ASBESTOS	
PLEASE NOTE: ANY PAINTED SURFACES THAT MAY ADJOIN ROOF AREAS TO BE AFFECTED BY THIS PROJECT HAVE NOT BEEN TESTED FOR LEAD.	
IF YOU ENCOUNTER ANY OTHER MATERIALS IN PLACE AND DEEM THEM SUSPECT FOR ASBESTOS AND/OR LEAD, PLEASE STOP WORK AND CONTACT THE ASBESTOS PROGRAM MANAGER FOR FURTHER TESTING OR ABATEMENT.	
REFER TO THE SURVEY RESULTS DOCUMENT ATTACHED TO THE WO FOR DETAILED INFORMATION.	

Building # USCB Sandstone Building

Sample Analysis

Type of Analysis: Lead / Asbestos

Date: 8-1-2013

Turn Around Time \_\_\_\_\_

Area	Sample ID	Material Sampled	Material Location	F/NF	Cond	Quantity	Pot to Disturb
	1-A	Medal Flashing Caulk	Directly Under Medal flashing and medal hips	NF	Bad		YES
	1-B	Medal Flashing Caulk	Directly Under Medal flashing and medal hips	NF	Bad		YES
	1-C	Medal Flashing Caulk	Directly Under Medal flashing and medal hips	NF	Bad		YES
	2-A	Paper under Medal hips and flashin	Directly Under Medal flashing and medal hips	NF	Bad		YES
	2-B	Paper under Medal hips and flashin	Directly Under Medal flashing and medal hips	NF	Bad		YES
	2-C	Paper under Medal hips and flashin	Directly Under Medal flashing and medal hips	NF	Bad		YES
	3-A	Joint Filler at roofing seams	At the seams of the roof walls	f	Bad		YES
	3-B	Joint Filler at roofing seams	At the seams of the roof walls	f	Bad		YES
	3-C	Joint Filler at roofing seams	At the seams of the roof walls	f	Bad		YES

License # \_\_\_\_\_ FM# \_\_\_\_\_ Signature \_\_\_\_\_ Requestor \_\_\_\_\_

**Send lab results in PDF format as soon as possible to:**

Ed Pitts 803-777-3296  
720 College St.  
Columbia, SC 29208  
[EHP@finc.sc.edu](mailto:EHP@finc.sc.edu)

Darryl Washington 803-777-2399  
720 College St.  
Columbia, SC 29208  
[WashinDH@finc.sc.edu](mailto:WashinDH@finc.sc.edu)

Ty Russell 803-777-1208  
720 College St.  
Columbia, SC 29208  
[NTRuss@finc.sc.edu](mailto:NTRuss@finc.sc.edu)

Fax # 803-777-3990



Reset Form

Print Form



4781

Building # USCB Sandstone Building

Sample Analysis: Lead Asbestos

8-1-2013

Type of Analysis: I-lead Asbestos Date:

Turn Around Time

Area	Sample ID	Material Sampled	Material Location	F/NF	Cond	Quantity	Pot to Disturb
	1-A	Medal Flashing Caulk	Directly Under Medal flashing and medal hips	NF	Bad	1000 LF	YES
	1-B	Medal Flashing Caulk	Directly Under Medal flashing and medal hips	NF	Bad	1000 LF	YES
	1-C	Medal Flashing Caulk	Directly Under Medal flashing and medal hips	NF	Bad	1000 LF	YES
	2-A	Paper under Medal hips and flashin	Directly Under Medal flashing and medal hips	NF	Bad	75 SY	YES
	2-B	Paper under Medal hips and flashin	Directly Under Medal flashing and medal hips	NF	Bad	75 SY	YES
	2-C	Paper under Medal hips and flashin	Directly Under Medal flashing and medal hips	NF	Bad	75 SY	YES
	3-A	Joint Filler at roofing seams	At the seams of the roof walls	f	Bad	50 SF	YES
	3-B	Joint Filler at roofing seams	At the seams of the roof walls	f	Bad	50 SF	YES
	3-C	Joint Filler at roofing seams	At the seams of the roof walls	f	Bad	50 SF	YES

License # BI-01178 FM# DO 433313

Send lab results in PDF format as soon as possible to:  
Ed Pitts 803-777-3296  
720 College St.  
Columbia, SC 29208  
ELIP@fmc.sc.edu

Fax # 803-777-3990

Signature: [Signature] Requestor: D. Calhoun

Ty Russell 803-777-1208  
720 College St.  
Columbia, SC 29208  
NTRussell@fmc.sc.edu

FX 7958 0549 9320



EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

### Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

4781

EMSL Analytical, Inc.  
706 Gralin Street

Kernersville, NC 27284  
PHONE: (336) 992-1025  
FAX: (336) 992-4175

Company: University of South Carolina		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 743 Greene Street		Third Party Billing requires written authorization from third party	
City: Columbia	State/Province: SC	Zip/Postal Code: 29208	Country: United States
Report To (Name): Darryl Washington		Telephone #: 803-917-0291	
Email Address: washind@fmc.sc.edu		Fax #: 803-777-3990	Purchase Order:
Project Name/Number: USC-B ROOF / FMO0433313		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: SC		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options\* - Please Check

3 Hour  6 Hour  24 Hour  48 Hour  72 Hour  96 Hour  1 Week  2 Week

\*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

**PLM - Bulk (reporting limit)**

PLM EPA 800/R-93/116 (<1%) *mj*

PLM EPA NOB (<1%)

Point Count  400 (<0.25%)  1000 (<0.1%)

Point Count w/Gravimetric  400 (<0.25%)  1000 (<0.1%)

NIOSH 9002 (<1%)

NY ELAP Method 198.1 (friable in NY)

NY ELAP Method 198.6 NOB (non-friable-NY)

OSHA ID-191 Modified

Standard Addition Method

**TEM - Bulk**

TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1

NY ELAP Method 198.4 (TEM)

Chatfield Protocol (semi-quantitative)

TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2

TEM Qualitative via Filtration Prep Technique

TEM Qualitative via Drop Mount Prep Technique

**Other**

Check For Positive Stop - Clearly Identify Homogenous Group

Date Sampled: \_\_\_\_\_

Samplers Name: \_\_\_\_\_

Samplers Signature: \_\_\_\_\_

Sample #	HA #	Sample Location	Material Description
		Stop positive for all homogeneous areas	

Client Sample # (s): \_\_\_\_\_

Relinquished (Client): \_\_\_\_\_ Date: \_\_\_\_\_ Total # of Samples: 9

Received (Lab): *mj* Date: 8/6/13 Time: \_\_\_\_\_

Comments/Special Instructions: \_\_\_\_\_ Date: \_\_\_\_\_ Time: 10:00

**EMSL Analytical, Inc.**

706 Grallin Street, Kenersville, NC 27284

Phone/Fax: (336) 992-1025 / (336) 992-4175

greensboroiab@emsl.com

EMSL Order: 021304781

CustomerID: UNSC62

CustomerPO:

ProjectID:

Attn: **Darryl Washington**  
**University of South Carolina**  
**743 Greene Street**  
**Columbia, SC 29208**

Phone: (803) 777-7000  
 Fax: (803) 777-3990  
 Received: 08/06/13 10:00 AM  
 Analysis Date: 8/7/2013  
 Collected:

Project: USC-B Roof/FM00433313

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1-A 021304781-0001	Flashing Caulk	Black Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
1-B 021304781-0002	Flashing Caulk	Brown/Gray/Black Fibrous Homogeneous	5% Cellulose	92% Non-fibrous (other)	3% Chrysotile
1-C 021304781-0003	Flashing Caulk				Stop Positive (Not Analyzed)
2-A 021304781-0004	Paper	Black Fibrous Heterogeneous	5% Synthetic	95% Non-fibrous (other)	None Detected
2-B 021304781-0005	Paper	Brown/Black Fibrous Heterogeneous	15% Cellulose	83% Non-fibrous (other)	2% Chrysotile
2-C 021304781-0006	Paper				Stop Positive (Not Analyzed)
3-A 021304781-0007	Joint Filler	Brown/Black Fibrous Heterogeneous	5% Cellulose 30% Glass	65% Non-fibrous (other)	None Detected
3-B 021304781-0008	Joint Filler	Brown/Black Fibrous Heterogeneous	5% Cellulose 10% Glass	85% Non-fibrous (other)	None Detected
3-C 021304781-0009	Joint Filler	Brown/Black Fibrous Heterogeneous	5% Cellulose 30% Glass	65% Non-fibrous (other)	None Detected

**Analyst(s)**

Kristie Elliott (6)  
 Nicole Shutts (1)

Stephen Bennett, Laboratory Manager  
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%  
 Samples analyzed by EMSL Analytical, Inc. Kenersville, NC NVLAP Lab Code 102104-0, CA ELAP 2689, Virginia 3333-000228, West Virginia LT000321

Initial report from 08/07/2013 07:50:17



**EMSL Analytical, Inc.**

706 Gralin Street, Kenersville, NC 27284  
Phone/Fax: (336) 992-1025 / (336) 992-4175  
greensborolab@emsl.com

EMSL Order: 021304781  
CustomerID: UNSC62  
CustomerPO:  
ProjectID:

Attn: **Darryl Washington**  
**University of South Carolina**  
**743 Greene Street**  
**Columbia, SC 29208**

Phone: (803) 777-7000  
Fax: (803) 777-3990  
Received: 08/07/13 10:00 AM  
Analysis Date: 8/8/2013  
Collected:

Project: **USC-B Roof/FM00433313**

**Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM  
via EPA/600/R-93/116 Section 2.5.5.1**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
3-C 021304781-0010	Joint Filler	Black Fibrous Heterogeneous	100	None	No Asbestos Detected

Analyst(s)

Scott Combs (1)

Stephen Bennett, Laboratory Manager  
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.  
Samples analyzed by EMSL Analytical, Inc. Kenersville, NC

Initial report from 08/08/2013 09:57:08