

USC East Energy Facility Lead Abatement
Project Number 50003269
Columbia, SC

Addendum Number One

Date: October 13, 2017

From: Aimee B. Rish
Procurement Specialist

To: All Bidders

The following items add to, modify, clarify, or otherwise later the Drawings and/or specifications and will become a part of the Contract Documents. Where a portion of the Drawings and/or specifications is added to, modified, clarified, or otherwise altered, the portion not so affected shall remain. Bidder shall include all effects that these items may have on his proposal.

Acknowledge receipt of this addendum in the space provided on the Bid Form. Failure to do so may subject a Bidder to disqualification.

GENERAL CLARIFICATIONS

- A. Refer to attached sign-in sheet from the Pre-Bid Meeting for attendance record.
- B. The closing date is scheduled for October 24, 2017 at 2:00PM at 743 Greene Street Conference Room 053.
- C. All bids which are hand-delivered or mailed, are required to be sent to 743 Greene Street; Columbia, SC 29208. Attn: Aimee Rish "Bid Enclosed 50003269."
- D. A second (2nd) site visit has been scheduled for Monday, October 16, 2017 at 10:00am. All interested in attending shall meet at the site located at 801 Henderson Street; Columbia, SC 29208.
- E. The last day for questions is October 16, 2017 by the end of the business day. All questions should be submitted via email to Glynn Ellen of F&ME Consultants. The email address is gellen@fmecon.com. The last addendum will be issued before 2pm on October 19, 2017 if needed.
- F. Attached are two documents added to the construction documents as the Lead Abatement Plan as well as the Contractors Requirements for Disturbance of Lead Containing Material.

QUESTIONS FROM THE CONTRACTORS

- A. Is 480V available in the basement area?
 - a. Response: No.
- B. What is the operating level hoist limit?
 - b. Response: 2 Tons
- C. Who will obtain the DHEC Permit?
 - c. Response: No DHEC permit is required for this work.
- D. Do the blocks under the basement sink need to be moved to abate floor under sink?
 - d. Response: Yes, Contractor to provide temporary support to allow removal of concrete blocks so that floor can be abated under sink. Contractor to replace block after floor abatement is complete.

ATTACHMENTS

Non Mandatory Pre Bid Sign In Sheet

LBP-1 Lead Abatement Plan East Energy Facility

USC Contractors Requirements for Disturbance of Lead Containing Materials

END OF ADDENDUM NUMBER ONE

**University of South Carolina
Non Mandatory Pre Bid Sign In Sheet
Columbia, South Carolina**

Project Name: USC East Energy Facility Lead Abatement
Project Number: 50003269
Pre Bid Date & Time: October 11, 2017 10:00AM 743 Greene St Conference Rm 053

SWMBE Contractor Indicate Below	Name	Company Name	Address	Phone #	Email
S W M B E	PAN BROADHEAD	Eastern Environmental	233 Sloop Point Loop Hamptstead, NC 28443	910 329-7129	DB92461@AOL.COM
S W M B E	Randy Fields	RFR Assoc Inc,	PO Box 6954 Columbia, SC 29260	803-7382989	abby@rraec.net
S W M B E	SID HAVIRD	ARM Environmental	1210 First St. Columbia, SC 29206	803-783-3344	SHAVIR@ARMENVU.COM
S W M B E	Mike Coyle	Hayward & Conly	310 Quandy Rd SUMTER, S.C. 29150	803-494-3886 803-491-776-M	haywardcomp@comcast.net
S W M B E	Aimee Fish	USCFACproc	1300 Pickens St 29208	777-2261	arisk@fmc.sc.edu
S W M B E	Troy Nelson	USC Energy	743 Greene St, Columbia, SC	777-4674	frnelson@esc.edu
S W M B E	Jerry Knox	USC	743 Greene	260-2361	KnoxJL3@maibox.sc.edu
S W M B E	Gerard Ewen	F&M E	1825 1825 Sumner St. Columbia, SC 29201	254-4570	gerard@fmc.col.com
S W M B E	Jeff Leary	F&M E	"	"	jleary@fmc.col.com

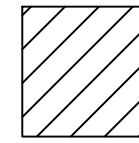
***By signing this sheet you agree to receive information electronically.

University of South Carolina
Non Mandatory Pre Bid Sign In Sheet
 Columbia, South Carolina

Project Name: USC East Energy Facility Lead Abatement
Project Number: 50003269
Pre Bid Date & Time: October 11, 2017 10:00AM 743 Greene St Conference Rm 053

SWMBE Contractor Indicate Below	Name	Company Name	Address	Phone #	Email
S W M B E	MARCOS ZUNIGA	GREEN SOURCE ENVIRONMENTAL	4035 DANIELSVILLE RD. ATHENS, GA	(706) 549-1001	MARCOS@GREENSOURCESHOMESINC.COM
S W M B E	TJ Roswell	URS		7-1208	ntiassea@mc.sc.edu
S W M B E	Kelly Bergeman	USC - EHS		7100-0240	bergertc@mailbox.sc.edu
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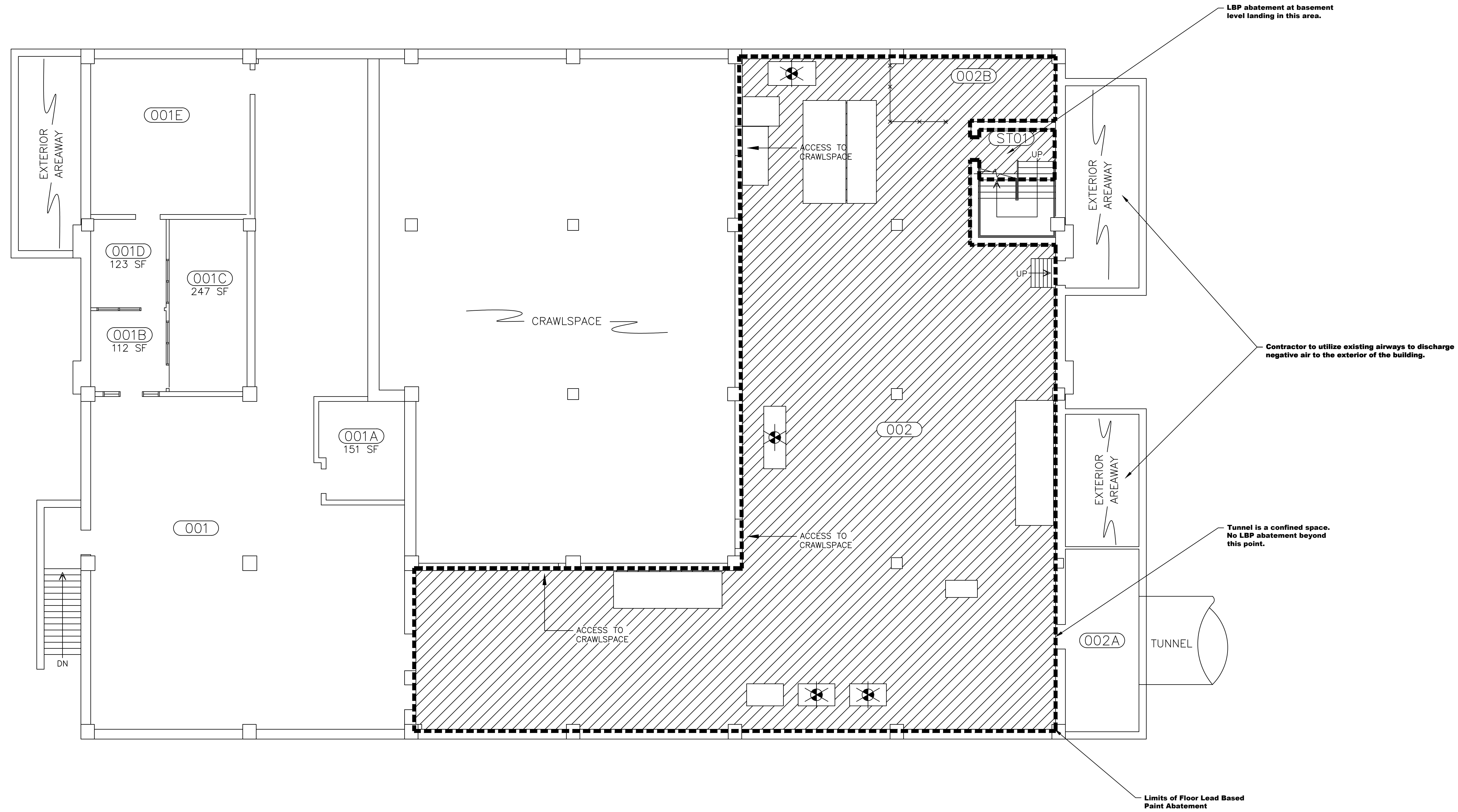
***By signing this sheet you agree to receive information electronically.

 Contractor to abate LBP from concrete floor surface in areas designated

 Contractor to abate LBP from elevated concrete equipment pad in areas designated

ABATEMENT GENERAL NOTES

1. Contractor shall thoroughly read all specifications and thoroughly review all abatement documents prior to commencement of abatement activities.
2. Contractor is responsible for actual quantities associated with the abatement.
3. Contractor shall thoroughly clean areas where abatement is to occur prior to abatement operations.



1 BASEMENT FLOOR PLAN
 AB-1 SCALE: 1/8" = 1'-0"

DRWN. BY: CTC	CHKD. BY: JSL
APPR. BY: GME	NOTES:
1	2
2	3
3	SCALE
	1/8" = 1'0"

F&ME CONSULTANTS
 GEOTECHNICAL – ENVIRONMENTAL – MATERIALS
 COLUMBIA, SOUTH CAROLINA

FLOOR LEAD BASED PAINT ABATEMENT PLAN
 University of South Carolina
 EAST ENERGY FACILITY
 BASEMENT LEVEL
 Columbia, South Carolina

F&ME CONSULTANTS
 PROJECT NUMBER:
E5700.06

DRAWING NUMBER:
LBP-1

UNIVERSITY OF SOUTH CAROLINA

Contractor Requirements for Disturbance of Lead Containing Materials

The following contractor requirements exist to ensure that work disturbing lead containing materials at the University of South Carolina occurs in a safe and compliant manner, while minimizing risk to University personnel, property and the environment. You are encouraged to read and understand the OSHA standard for lead in the construction industry, 29CFR 1926.62.

SUBMITTALS

The following information must be provided to and approved by the University before any disturbance of lead materials may begin.

1. Description of each activity where lead materials will be disturbed.
2. Description of controls that will be used to minimize the generation of lead dust (i.e. wet methods, ventilation).
3. Demonstration that disturbance will not result in airborne concentrations of lead in excess of the OSHA Action Level of 30 $\mu\text{g}/\text{m}^3$ (i.e. a negative exposure assessment or NEA). Air monitoring data from previous, similar jobs conducted within the past 12 months are acceptable. If you do not have an NEA for the work described, then all work must be maintained under negative pressure and comply with OSHA 1926(e).
4. Description of decontamination procedures for personnel, equipment/tools and PPE to prevent the migration of lead materials from the work area.
5. Documentation that all personnel that will be involved in lead disturbance are trained in accordance with CFR 1926.62(l).
6. Description of process for collection, containerization and on-site management of lead containing waste material.

MINIMUM REQUIREMENTS

The University may conduct a safety inspection of your work site at any time. At a minimum, the following items will be inspected. Failure to comply may result in a work stoppage until items are corrected.

1. Access to work area must be clearly demarcated and restricted. OSHA-compliant lead work signage must be posted in conspicuous locations.
2. When vacuums are used for dust collection, HEPA vacuums must be used. Dry sweeping is prohibited.
3. Lead materials that have been removed from structures must be captured so as to prevent contamination of other building materials or the environment. For outdoor work, lead materials may not come in contact with the ground.
4. Lead materials that have been removed must be cleaned up promptly (at least daily and before leaving the worksite at any time).
5. No lead materials may leave work area outside of impermeable containers. Workers must be adequately decontaminated prior to leaving work area.
6. The University will manage the disposal of all hazardous lead waste through its existing Hazardous Waste Management program. The disposal of lead waste not meeting the definition of Hazardous Waste must be coordinated through the University. Minimum requirements for on-site management of lead waste:
 - a. The contractor is responsible for providing containers for the storage of waste/disposal. Containers must be impermeable and capable of being closed.
 - b. Waste container must remain closed at all times unless adding or removing waste.
 - c. Waste container must be labeled with words that describe its contents (i.e. – lead paint waste).
 - d. No more than fifty-five (55) gallons of hazardous waste may be accumulated on-site at any one time.