

**State of Rhode Island
Department of Administration / Division of Purchases
One Capitol Hill, Providence, Rhode Island 02908-5855
Tel: (401) 574-8100 Fax: (401) 574-8387**

**Solicitation Information
May 29, 2015**

ADDENDUM #1

RFQ# 7549564

**TITLE: CHAFEE HALL ELEVATOR UPGRADE, UNIVERSITY OF
RHODE ISLAND, KINGSTON**

Submission Deadline: Monday June 8, 2015 at 11:00 am (Local Time)

Notice To Vendors:

- **Attached includes:**
 - **Sign in sheet from the mandatory pre bid conference held on 5/22/2015**
 - **Notes from meeting**
 - **Bid Form that must be used**
 - **Additional information**

**Tom Bovis
Interdepartmental Project Manager**

Interested parties should monitor this website, on a regular basis, for any additional information that may be posted.



"MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET

Mandatory Pre-bid Conference: Any vendor who intends to submit a bid proposal in response to this solicitation must have its representative attend this mandatory prebid conference, sign, and complete all required information on this Sign-in Sheet. Failure to comply with this requirement will result in the rejection of any bid proposal.

BID NUMBER: 7549577
BID TITLE: Classroom Security Upgrades URI
PRE-BID DATE AND TIME: 5/21/2015 13:00

Purchasing Representative: Tom Bovis
Mandatory Pre-bid START TIME:
Mandatory Pre-bid END TIME:

COMPANY NAME	COMPANY REPRESENTATIVE	SIGNATURE	ADDRESS	CONTACT EMAIL	CONTACT PHONE NUMBER AND FAX NUMBER	PROPOSAL SUBMITTED FOR PURCHASING USE ONLY
1	Barajas	Don Costa	3 Town Office Bldg Providence, RI 02908	Don.Costa@hrw.com	978-501-1003	
2	APG Security	Mike Deops	171 Service Ave Warwick, RI 02886		401-943-7370	
3	APG Security	Arnaldo F. Silvestre	171 Service Ave Warwick, RI 02886	agsilvestre@apgsecurity.com	401-943-2320	
4	Schneider Electric	Karl Lennon	800 Federal St Providence, RI 02908	Karl.Lennon@schneider-electric.com	603-581-8917	
5	Schneider Electric	David Roberts	800 Federal St Providence, RI 02908	darob@schneider-electric.com	401-523-6161	
6	Iron Construction Group	Mike Cellucci	375 Central Blvd Bridgely Court II Providence, RI 02908	estimating@ecg-ri.com	401-490-3144	
7	SHANIX INC ATKINSON FISKEE	NATHAN FISKEE	40 WORTHINGTON AVE 198 Common St Providence, RI 02908	NATHAN@SHANIX.COM	401-941-4022	
8	URI	Tony Davis		davis@uri.edu	401-874-2724	
9	URI	Rich D'Audena		rd@uri.edu	401-874-2724	
10	URI	Den Carter		dcarter@uri.edu	401-874-2724	
11						
12						
13						
14						
15						

Solicitation # :7549564

Solicitation Title:

BID FORM

To: The Department of Administration, Division of Purchases
One Capitol Hill, Providence, RI 02908

Project: Chafee Building Elevator Upgrades
URI Kingston Campus
URI# KC.G.CHAFF.2014.001

Bidder:

Legal name of entity

Address

Contact name

Contact email

Contact telephone

Contact fax

1. BASE BID PRICE

The Bidder submits this bid proposal to perform all of the work (including labor and materials) as described in the solicitation for this Base Bid Price, (including the costs for all Allowances, Bonds, and Addenda):

\$

(Base Bid Price *in figures* printed electronically, typed, or handwritten legibly in ink)

(Base Bid Price *in words* electronically, typed, or handwritten legibly in ink)

Solicitation # :7549564

Solicitation Title:

• **ALLOWANCES**

The Base Bid Price ***includes*** the costs for the following Allowances:

- 1. On-site Elevator Utility/MEP coordination **\$20,000.00**
- 2. Elevator Interior Cab Refit **\$40,000.00**

Total Allowances: **\$60,000.00**

• **BONDS**

The Base Bid Price ***includes*** the costs for all Bid and Payment and Performance Bonds required by the solicitation.

• **ADDENDA**

The Bidder has examined the entire solicitation (including the following Addenda), and the Base Bid Price ***includes*** the costs of any modifications required by the Addenda.

All Addenda must be acknowledged.

Addendum No. 1, dated _____

Addendum No. 2, dated _____

Addendum No. 3, dated _____

2. ALTERNATES (Additions to Base Bid Price)

The Bidder offers to: (i) perform the work described in these Alternates as selected by the State in the order of priority specified below, based on the availability of funds and the best interest of the State; and (ii) increase the Base Bid Price by the amount set forth below for each Alternate selected.

ADD ALTERNATE No. 1 – Extended Maintenance

As describes in Sections 01 1200 and 14 2101, to provide a total of 3 years of maintenance parts and service.

\$

(Amount *in figures* printed electronically, typed, or handwritten legibly in ink)

(Amount *in words* electronically, typed, or handwritten legibly in ink)

3. UNIT PRICES – None for this project.

Solicitation # :7549564

Solicitation Title:

4. CONTRACT TIME

The Bidder offers to perform the work in accordance with the completion dates specified below:

- Substantial Completion of Elevator #1January 22, 2016
- Substantial Completion of Elevator #2May 13, 2016

The Final Completion date for all Work shall be no later than May 20, 2016.

5. LIQUIDATED DAMAGES

The successful bidder awarded a contract pursuant to this solicitation shall be liable for and pay the State, as liquidated damages and not as a penalty, the following amount for ***each*** calendar day of delay beyond the date for substantial completion of the first elevator, as determined in the sole discretion of the State: **Five Hundred Dollars (\$500.00) per day.**

BID FORM SIGNATURE(S)

This bid proposal is irrevocable for 60 days from the bid proposal submission deadline.

If the Bidder is determined to be the successful bidder pursuant to this solicitation, the bidder will promptly: (i) comply with each of the requirements of the Tentative Letter of Award; and (ii) commence and diligently pursue the work upon issuance and receipt of the purchase order from the State and authorization from the user agency.

The person signing below certifies that he or she has been duly authorized to execute and submit this bid proposal on behalf of the Bidder.

Date: _____

BIDDER _____

Name of Bidder

Signature in ink

Printed name and title of person signing on behalf of Bidder

_____
Bidder's Contractor Registration Number

SECTION 00 9000
ADDENDUM #1

This document is the first Addendum published for the Project. It hereby becomes a part of the Project Manual.

PART 1 – GENERAL

1.1 BID DUE DATE

- A. Bids due on June 8, 2015, 11:00 AM: As of this Addendum, the Bid Due Date has not been extended. Bidders are reminded that the deadline for questions has passed and was Wednesday, May 27, 2015, 5:00 PM.

1.2 MEETINGS

- A. Meeting minutes of the mandatory pre-bid meeting on Friday, May 22, 2015 are attached and are included as part of this Addendum.

1.3 QUESTION RESPONSES

- A. No questions have been received at this time.

1.4 SPECIFICATIONS

- A. Bid Form – The Bid Form has been revised to reflect the new Substantial Completion dates. Replace the Bid Form dated 3/18/14 with the attached Form dated 5/27/15.
B. Section 00 01000 – This section has been deleted. The official Invitation to Bid was included in the Division of Purchases Solicitation #7549564.
C. Section 01 1010 Attachment A – This section has been revised. Replace the section dated February 6, 2015 with the attached section dated May 27, 2015.
D. Section 01 1030 Attachment C – This section has been revised. Add the attached certified and approved Asbestos Abatement Plan dated 2/24/15 to this section.

1.5 DRAWINGS

- A. No Change

1.6 ADDENDA PENDING

- A. A second addendum is not expected to be issued.

1.7 DISTRIBUTION: Available via the Rhode Island Division of Purchasing Website

END OF DOCUMENT

Chafee Hall Elevator Upgrade
University of Rhode Island, Kingston, RI

PRE-BID MEETING NOTES:

Date: May 22, 2015, 1:30 PM at the Sherman Building, 523 Plains Road
Present: Paul DePace, Bob Schultz, Dan Cartier, URI OCP; Thomas Bovis, RI Purchasing; Schane Tallardy, BTGA; John Mundt, Matt Reichin, Sterling Elevator; Carissa Charles, Wilkinson; Various General Contractors (refer to sign-in sheet)
Prepared by: Schane M. Tallardy
Distribution: Addendum

The following agenda was reviewed by Paul DePace, Thomas Bovis, Schane Tallardy, John Mundt and Carissa Charles

- Project Name: **Chafee Hall Elevator Upgrade, URI**
- Bid # **7549564**
- URI Staff/OCP Project Manager
 - Paul DePace – URI Director of Capita Projects
 - Bob Schultz – URI Project Manager
 - Dan Cartier – URI Assistant Director of Facilities & Repair
- Architect/Engineers
 - Schane Tallardy – Project Architects, Brewster Thornton Group Architects
 - John Mundt – Sterling Elevator Consultants
 - Jeff Ascii – Wilkinson Associates
- Agenda
 - Review of Bid Requirements, Project Scope, Alternates
 - Questions and Answers
 - Building Walk through
- Bid Procedure
 - Bids Due 6/8/15 @ 11:00am RI Purchasing Office, 1 Capitol Hill, Providence, RI
 - Mandatory Pre-Bid, Sign-in please
 - Docs available online through State Purchasing Website
 - All questions are due to Thomas Bovis, RI Purchasing no later than Wednesday, May 27, 2015 by 5:00pm. Questions should be directed in writing to Thomas.bovis@purchasing.ri.gov. Bid number should be listed in the subject line to insure that the question is properly addressed.
 - All bids must be accompanied by Bid Surety.

- Bid Form – complete in totality (fill in all spaces), Dollars, Alts, Breakouts, Unit Prices, License #, Addenda, Signature
- Schedule
 - The scheduled completion date listed in the bidding documents will be revised. Corrected completion date will be included in the addendum.

Purchasing Review – Thomas Bovis

- Bidders must comply with all requirements set forth in the “Division of Purchases, Instructions to Bidders, Public Works Construction” Document. Bidders should also refer to the “Public Works Bid Preparation Checklist.”
- 5% Bid Surety is required.
- 100% Performance & Payment Bonds will be required.
- Contractors are responsible for current published Prevailing Wage Rates.
- Apprenticeship requirements must be met if the bid is at least \$1 million.
- Minority Business Enterprise Participation goal is 10% - Contractors should contact the MBE office for a list of potential subcontractors.
- Equal Employment Opportunity (EEO) Certification – Paperwork must be completed, filed and approved by the EEO officer prior to issuance of the P.O.

Project Scope Review – Schane Tallardy, John Mundt, Carissa Charles

- Technical Overview of Project
 - Removal of obsolete passenger elevator components, equipment & utilities,
 - Upgrades to the existing passenger elevators including new equipment, components and finishes.
 - Upgrades to the existing elevator machine room as described in the Contract Documents, including installation of a new split HVAC system.
 - Abatement of cab vinyl-asbestos tile flooring prior to start of the rest of the in accordance with the abatement plan.
 - It was noted that the existing elevator machine room layout does not conform to current elevator code requirements; however, due to the nature of the existing construction, the elevator inspector has granted the concessions described in the documents.
- Alternates noted in the construction documents:
 - Alternate #1: Extended Maintenance Agreement – Additional 2 years for a 3 year total.
- Allowances noted in the construction documents:
 - On-site MEP/Elevator Coordination - \$20,000 for labor and materials.
 - Elevator Cab Finish Refit - \$40,000 (\$20,000 per cab).
- General Contractor will be responsible for all permitting.
- Summary – Attachment A
 - ST reviewed the requirements set forth in Summary – Attachment A, special note was made that the building will remain fully occupied during the upgrades and that the utmost care will be required to minimize the impact on building occupants, especially where noise and dust are concerned. One elevator must be fully functioning and accessible to building occupants at all times.

- Contractor will be required to provide temporary construction filters on all impacted return air grills and AHUs and will be required to replace with new filters at substantial completion.
- Scheduling
 - It was noted that the schedule listed in the Construction Documents was meant for a bid date in early spring 2015. Due to the delay in bidding the schedule will be adjusted to accommodate the bid shift.
- Asbestos Abatement
 - It was noted that the Asbestos Abatement Plan is missing from Summary – Attachment C. The approved abatement plan will be provide in the Addendum.
- Project Access
 - It was noted that parking around the Chafee Building is limited and contractors will be required to park in the Contractor lot on Flagg Rd.
 - As there is no crane access at the building, the elevator components will need to be hoisted.
 - The existing basement mechanical room can be used for contractor storage and staging.

Following the pre-bid meeting, Dan Cartier offered to lead a walkthrough of the building. All contractors present stated they were familiar with the building and that a walkthrough was not necessary.

01 1010 SUMMARY – Attachment A

NOTE:

**Contractor to plan and schedule work and submit schedule for review by Owner.
Contractor to meet with Owner and coordinate access to work areas.**

This is a fully occupied building. As such, all work must be performed so as not to interrupt staff or student classes. There will be 2nd shift work involved for core drilling and other noisy/dusty work. Any premium time required must be included in the base bid.

One elevator must be fully available for public use at all times. The first elevator must be completed in time for the start of classes for the Spring Term 2016. The substantial completion date for elevator #1 will be January 22, 2016. The second elevator must be completed in time for Commencement 2016. The substantial completion date for elevator #2 will be May 13, 2016.

The Contractor will be responsible for providing protection for all furniture and belongings in each office that may have utility work. The Contractor is also responsible for cleaning their work areas after each shift so that they are ready for Owner occupancy the next day.

The Contractor is responsible for maintaining egress paths during construction to the satisfaction of the Fire Marshall and the AHJ.

The building occupants are sensitive to dust issues. The Contractor will be responsible for providing dust containment in each area while it is under construction and then cleaning each contained area daily when the shift is over. The Contractor will also be responsible for providing and maintaining temporary construction filters on all impacted return air grills and AHUs and replacing with new filters at substantial completion.

Parking is restricted to areas designated by the University. Construction worker parking is currently located on Flagg Road behind the Dining Services Warehouse. Deliveries must be coordinated in advance with building maintenance staff and URI's Project Manager.

Any material not installed during the shift must be removed from occupied areas at the end of each shift. Materials may be stored within the Mechanical Room if not blocking access or equipment.

END OF DOCUMENT



Department of Health

Three Capitol Hill
Room 206
Providence, RI 02908-5097

401-222-5980
RI Relay 711
www.health.ri.gov

March 4, 2015

University of Rhode Island
David Welsh
177 Plains Road
Kingston, RI 02881

Plan Number: 69832

Dear David Welsh :

This is in reference to the asbestos abatement plan which you submitted for:
University of Rhode Island - Chafee Hall 142 Flagg Rd South Kingstown, RI 02881.
The above referenced asbestos abatement plan is hereby approved as conforming with Part C of the
Rhode Island Rules and Regulations for Asbestos Control.

A review of your request for a waiver of the floor sheeting requirement, as described in Attachment #4,
has been approved by this office.

Please note that a licensed asbestos abatement contractor shall submit an ASB-22 start work notification
at least 10 working days before any on-site work begins at a planned asbestos project. In addition, a
licensed site supervisor shall notify this office by telephone when the licensed asbestos contractor begins
site preparation.

A "Confirmation of Receipt of Asbestos for Disposal" must be forwarded to this office within five (5)
working days of receipt.

If you have any further questions concerning the above-referenced asbestos abatement plan, please
contact John O'Brien at 222-2440.

Sincerely,

David Spink
Asbestos Control Program Manager
Rhode Island Department of Health
401-222-7756

[StandardPlanApprovalWithWaiver_cb1]

RHODE ISLAND DEPARTMENT OF HEALTH

NOTARIZED CERTIFICATION OF ASBESTOS ABATEMENT PLAN

Facility: **University of Rhode Island – Chafee Hall**

Address: **Kingston Campus, 142 Flagg Rd.**

City/Town: **Kingston** Zip: **02881** Amendment Phase No: _____

Abatement Plan Written By: **Daniel J. Simas** Certification No: **AAC-567-PD**

Summary of specific waivers/variances being requested: **see attachment #4** _____

Type of Asbestos Abatement Removal Enclosure Encapsulation
 Demolition Glovebag Asphalt Roofing
 Other (specify) _____

Is this plan being submitted in response to a Notice of Violation and/or a Notice of Requirement to Submit an Asbestos Abatement Plan? Yes No

If yes, Indicate Notice/Building Evaluation No(s):

Contractor: **To Be Selected** License No: **LAC-**

Estimated Starting Date: **3/9/15**

Pre-Abatement Sampling Information

Bulk Samples Collected By: **Charles E. Prescott III** Certification No: **AAC-642-IS**

Bulk Samples Analyzed By: **RI Analytical Laboratories Inc.** Certification No: **AAL-008C3**

Air Samples Analyzed By: **RI Analytical Laboratories Inc.** Certification No: **AAL-008C3**

Clearance Air Sampling Information

Air Samples to be Collected By: **RIAL Personnel**

Air Samples to be Analyzed By: **RIAL** Certification No: **AAL-008C3**

CERTIFICATION

I certify that: this asbestos abatement plan is prepared and submitted under the provisions of Section 23-24.5-6 of the RI Asbestos Control Act and Parts A and C of the RI Rules and Regulations for Asbestos Control; all abatement/management activities performed in conjunction with this plan must be in compliance with the specifications prescribed in this plan (when approved) and the most current revision of all applicable federal and state regulations; and the asbestos abatement/management activities described in this plan must be performed by a RI licensed asbestos abatement contractor.

Certified by: *David Welsh* Title: *Industrial Hygienist*
(Signature of Building Owner or Agent)

David Welsh Date: *2/24/15*
(Typed/Printed Name of Certifier)

Subscribed and sworn before me this *24* day of *February*, 20*15*

[Signature] My Commission Expires: *7/18/17*
(Notary Public)

APPLY NOTARY SEAL HERE

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Health

Office of Occupational & Radiological Health

APPLICATION FOR APPROVAL OF AN ASBESTOS ABATEMENT PLAN

1. Building Owner's Name:
University of Rhode Island

2. Application Prepared By:
Daniel J. Simas

RI certification No: **AAC-567-PD**

Telephone No: **401-737-8500 ext 121**
(Area code, No., Ext.)

3. Building Owner's Mailing Address and Telephone Number:

Street: **177 Plains Road**

City/Town: **Kingston**

Zip: **02881**

Telephone No.: **401-874-2591**

(Area Code, No., Ext.)

4. Person to be contacted regarding this application:

Name: **David Welsh**

Telephone No: **401-874-5500**

(Area Code, No., Ext.)

5. Location where abatement work will be performed:

Name (if applicable): **URI – Chafee Hall**

Street: **Kingston Campus**

City/Town: **Kingston**

Zip: **02881**

6. Is this application being submitted in response to a "Notice of Requirement to Submit an Asbestos Abatement plan"? () Yes (X) No

If Yes, what is the due date for submittal of Abatement plan? _____
(Mo.) (Day) (Yr.)

Evaluation Number on the Notice: _____

7. Contractor who will be performing abatement work (if selected):

Name: **To be selected**

R.I. License No.: **LAC-**

14. Pre-Abatement Air Sample Collection and Analysis:

A). Person collecting pre-abatement air samples:

Name: **RIAL Personnel**

Affiliation: **RIAL**

B). Laboratory performing analysis of pre-abatement air samples.

Name: **RIAL**

RI Certification No.: **AAL-008C3**

C). Methodology used in the collection and analysis of pre-abatement samples:

NIOSH Method 7400 [Most Current Revision]

OSHA 29 CFR 1926.1101 – Appendix A & B

Other (Specify) _____

15. A. Indicate how the regulated asbestos containing material (RACM) will be removed from the abatement site. If a hauler or broker will be used to transport the RACM to a disposal site, they must also be identified.

To be determined _____

B. Provide the name and location of the authorized asbestos waste facility to which the removed material will be transferred for disposal (if known).

To be determined _____

16. Person designated as compliance monitor for abatement work. **[NOT REQUIRED]**

Name: _____ **RI Analytical Personnel** _____

Affiliation: _____ **RIAL** _____

17. In-Process & Clearance Air Sampling: **See Attachment #1**

- A. Describe on an attachment the type, number and location of air samples that will be collected outside the work area during the abatement project.
- B. Describe on an attachment the plan of action to be followed if the Indoor Non-Occupational Air Exposure Standard for Asbestos (0.01 fibers per cubic centimeter) is exceeded outside the work area during the abatement project.
- C. Describe on an attachment the type, number and location of air samples that will be collected as part of the final clearance testing.
- D. Describe on an attachment the plan of action to be followed if the Indoor Non-Occupational Air Exposure Standard for Asbestos (0.01 fiber per cubic centimeter) is exceed during final clearance testing.

18. A separate and fully completed Form ASB-16A must be submitted for each area to be abated. List below the entry in Item 1 from each attached ASB-16A.

Area 1 – Elevators

19. I certify that this plan was prepared by me and I am responsible for its content.

Signature: _____

Date _____

(Month) (Day) (Year)

Affiliation: **RI Analytical Laboratories, Inc**

20. ASBESTOS ABATEMENT PLAN APPLICATION FEE:

- () Operation & Maintenance Only \$ 75
 - () Up to One (1) NESHAP Unit \$ 75
 - () Between One (1) & Ten (10) NESHAP Units \$ 300
 - () Between Ten (10) & Fifty (50) NESHAP Units \$ 600
 - () Over Fifty (50) NESHAP Units \$ 900
 - (X) RI State Agency Waived Application Fee
-

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Health

Office of Occupational & Radiological Health

APPLICATION FOR APPROVAL OF AN ASBESTOS ABATEMENT PLAN

SUPPLEMENTAL INFORMATION: AREA DESCRIPTION AND PROPOSED REMEDY

BUILDING LOCATION: **Chafee Hall, University of Rhode Island Kingston Campus**

INSTRUCTIONS: All items on this form must be addressed. All references to attachments must be clearly identified. All attachments must be marked with the specific item numbers on this form to which they pertain.

(1) Area Location/Identification (Room Name/No., Evaluation Number, etc.):

Area 1 – Elevators

(2) Attach a description of each type (e.g. pipe, ceiling, etc.) of regulated asbestos containing material (RACM) in this area, including condition, location, quantity and asbestos content. Attach a copy of the laboratory report(s) for all samples. (NOTE: All laboratory reports must include the name of the building(s) and the location(s) of the sample(s).

Refer to Attachment #2

(3) Attach a current scale drawing of this area, showing direction of North and East, which has been clearly annotated to show the type, location and quantity of all RACM in this area. This drawing must include a legend which acts as a guide to the scale, symbols and nomenclature used in the drawing. If a master plan or multiple drawings are provided, indicate the specific location(s) and drawing number(s) which depict this area. The location of the decontamination chamber must also be so indicated on the appropriate drawing(s).

Refer to Attached Building Drawing

(4) PROPOSED REMEDIES:

A). Attach a description of the interim Operations and Maintenance Plan that will be implemented in accordance with C.1.2 (b).

Refer to Attachment #3

(4) PROPOSED REMEDIES (cont.):

B). Will any portion of this area be abated by use of B.8 work procedures?

Yes No

If Yes, indicate below which RACM in this area will be abated by use of the following B.8 work procedures:

B.8.2 & B.8.3	[REMOVAL]	Floor Tile
B.8.2 & B.8.4	[ENCAPSULATION]	_____
B.8.2 & B.8.5	[ENCLOSURE]	_____
B.8.6	[DEMOLITION]	_____
B.8.7	[GLOVEBAG]	_____
B.8.8	[ASP. ROOFING]	_____

C). Are you requesting any waivers to the above selected B.8 procedure for any of the abatement activities in this area?

Yes No

If yes, attach a detailed description of the waivers requested you are proposing to utilize. All items must be keyed to the specific section(s) of the regulations for which waivers are requested.

D). Are you proposing alternative procedures under B.11 for any of the abatement activities in this area?

Yes No

If yes, attach a detailed description of the alternate procedures requested you are proposing to utilize. Alternate procedures must include a justification for not following specific section(s) of the regulations and be as protective of public health.

E). Will any RACM remain in this area after abatement?

Yes No Beyond scope of inspection

If Yes, attach a description of the RACM that will remain and the details of the on-going Operations and Maintenance Plan that will be implemented in accordance with C.1.2(b). **See Attachment 4**

AGENCY USE ONLY

ATTACHMENT #1

In Process and Clearance Air Sampling

- A. If requested by the building owner, RI Analytical will be on site for part time monitoring and will collect one compliance air sample outside the containment area daily for the duration of asbestos removal operations inside this building. The sample will be collected outside the decontamination unit.
- B. Any deviation in proper procedures on the part of the contractor shall be reported to the building owner. This includes inadequate paperwork on site, disagreement and/or any deviation from previously outlined work procedures, or if compliance samples in the work area vicinity exceed 0.01 f/cc. The contractor's work shall then be stopped, without repercussion to the building owner or the project-monitoring firm until any conflicts and/or problems have been resolved.
- C. After the interior areas have passed the consultant's visual inspection, he or his authorized representative will collect:

Area 1 – A minimum of 2 PCM Clearance Air Samples per containment

- D. If clearance monitoring after clean-up results in fiber concentrations in-excess of the RI rules and regulation clearance air requirements, the project area shall be wet-cleaned, misted with water, and encapsulated with a liquid encapsulant. A period of no less than 24 hours shall elapse before the next set of clearance air samples can be collected. The sampling process shall be repeated until a satisfactory clearance air level is attained.

The asbestos contractor is held responsible for any costs associated with the re-cleaning and re-sampling of an area should clearance air samples exceed 0.01 f/cc.

ATTACHMENT #2

ASB-16A-2

Description of Asbestos Containing Material

Chafee Hall WO# 1502-02867

Sample #	Description	Location	Asbestos %	Quantity
01	12x12 Brown Floor Tile	Elevators	5-15% Chrysotile	~60 sf
02	Black Mastic to 01	Elevators	Not Detected	--

It is the contractor's responsibility to verify all quantities.

ATTACHMENT #2 (Cont.)

Laboratory Analysis Reports:

1. Pre-Abatement Air Sampling Results
2. Asbestos Bulk Sample Results



CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Chris Lee
41 Illinois Avenue
Warwick, RI 02888

Date Received: 9/10/14
Date Reported: 9/11/14
Work Order #: 1409-20311

PROJECT #140723 URI - CHAFEE HALL - 9/10/14 2ND FLOOR

Dear: Mr. Chris Lee

Attached please find the results of sample(s) analyzed for fiber concentration in fibers/cc.

METHODOLOGY: Phase contrast Microscopy, utilizing NIOSH Manual of Analytical Methods,
U.S. Department of Health and Human Services 3rd, as revised May 15, 1989.

QUANTIFICATION LIMIT: The sensitivity of this method is based on 10 fibers per graticule field.
The graticule field area is 0.00777 square millimeters.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Sample collected by RIAL personnel on 09/10/2014

Work Order #: 1409-20311

Site Location: PROJECT #140723 URI - CHAFEE HALL - 9/10/14 2ND FLOOR

<u>SAMPLE #</u>	<u>IDENTIFICATION:</u>	<u>REPORTED VOLUME (L)</u>	<u>FIBER DENSITY FIBER/SQUARE MM</u>	<u>Q.L. F/CC</u>	<u>CONC. F/CC</u>
001	01 - OFFICE AREA	1050	<12.9	0.005	<0.005
002	02 - BLANK 1		<12.9		
003	03 - BLANK 2		<12.9		

Project #140723

University of Rhode Island

Chafee Hall

9/10/14 2nd Floor

Laboratory blank samples fall within acceptable limits of method.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Chad Prescott
41 Illinois Avenue
Warwick, RI 02888

Date Received: 2/11/2015
Date Reported: 2/11/2015
Work Order #: 1502-02867

Site Location: PROJECT #150114 URI - CHAFFEE HALL - ELEVATOR

Enclosed please find your sample(s) analysis results for asbestos content. The six asbestos types include amosite, chrysotile, crocidolite, anthophyllite, tremolite, and actinolite.

METHODOLOGY: Polarized Light Microscopy (PLM) as suggested by EPA 600/R-93/116, July 1993 edition and EPA 600/M4-82-020, December 1982.

If the samples are found to be inhomogeneous, individual components will be analyzed separately. If individual components cannot be separated, the samples will be homogenized and a single result will be provided for the entire sample.

Sample results pertain only to items tested. The report must not be reproduced except in full with permission of R.I. Analytical. Samples submitted for analysis will be retained for three months for your future reference.

Our laboratory maintains NVLAP accreditation for bulk asbestos fiber analysis NVLAP lab code 101440-0.

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:



Data Reporting

R.I. Analytical Laboratories, Inc.
CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
 Date Received: 2/11/2015
 Work Order #: 1502-02867
 Site Location: PROJECT #150114 URI - CHAFFEE HALL - ELEVATOR

METHOD: EPA 600/R-93/116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS	DATE ANALYZED	ANALYST
001	01: 12 X 12 BROWN FT	PLM Fiber Analysis			
		Asbestos	Detected	2/11/2015	EVH
		Chrysotile	5-15 %	2/11/2015	EVH
		Non-fibrous	85-95 %	2/11/2015	EVH
		Sample Color	Gray	2/11/2015	EVH
002	02: BLACK MASTIC	PLM Fiber Analysis			
		Asbestos	Not Detected	2/11/2015	EVH
		Non-fibrous	100 %	2/11/2015	EVH
		Sample Color	Black	2/11/2015	EVH

Project #150114
 URI - Chaffee Hall
 Elevator

ATTACHMENT #3

Interim Operations & Maintenance Plan

The contractors, maintenance personnel and staff associated with Chafee Hall are aware of the presence and location of ACBM within the above stated areas. They have been instructed not to disturb the material due to the potential health hazards if fibers become airborne.

1. Notification

All building occupants, also any contractors entering the building and/or premises to perform work, shall be notified of the presence and location of asbestos-containing material(s) and cautioned regarding disturbance of the material(s). Also, the building occupants must be notified regarding the occurrence of asbestos abatement activities. If an emergency fiber release occurs, the following procedures shall be initiated.

2. Fiber Release Episodes

A. Minor Release Episode

If a minor fiber release episode occurs (release of less than 10 linear feet or 25 square feet of material), trained maintenance staff may perform the cleaning. Access to the area shall be restricted during clean-up. All debris shall be thoroughly wetted using amended water and placed in labeled, double six-mil polyethylene bags. The area shall then be cleaned using HEPA filtered vacuums and/or wet cleaning methods. Damaged material must be cleaned and repaired with non-asbestos-containing material. The area shall then be evaluated to decide if further action is necessary.

B. Major Release Episode

If a major fiber release episode occurs (falling or dislodging of more than 10 linear feet or 25 square feet of ACBM), the cleaning must be carried out and directed by persons accredited to conduct and design response actions. After such an episode, the area shall be immediately restricted and entry to the area prevented. Warning signs shall be posted to caution people other than those qualified to deal with the problem. Air handling units in the area shall be shut down to prevent the spread of fibers beyond the problem area. A response action shall be designed and carried out by qualified personnel.

3. Training

Any employee who, because of their work, may disturb asbestos-containing material shall be trained and certified as a Competent Person as described by the R.I. Rules and Regulations for Asbestos Control. The program coordinator shall ensure that the procedures described above to protect the building occupants shall be followed for any operations and maintenance activities disturbing or involving ACBM.

ATTACHMENT #4

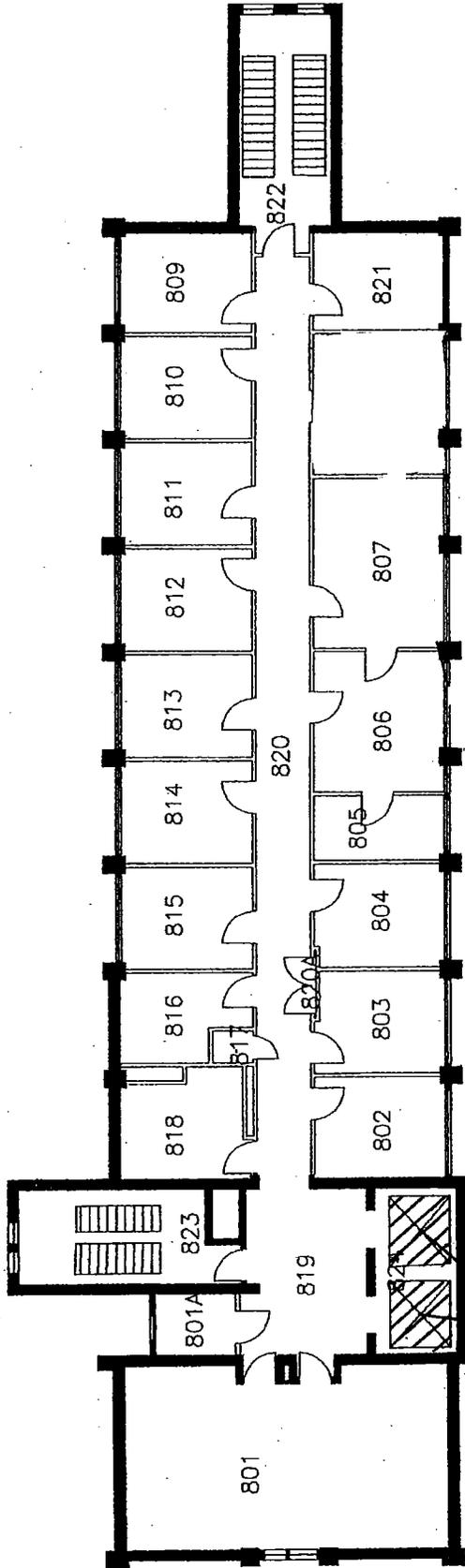
Scope of Work / Description of Waivers

All proper OSHA, federal, state, and local safety regulations shall be followed.

All materials will be removed utilizing B8.2 and B8.3 work procedures.

RI Analytical requests a waiver of floor poly due to the nature of the work being conducted.

RI Analytical requests a waiver on signage through out the entire building; instead signage shall be placed in the immediate work area. All immediate entrances to the abatement areas will be marked with the appropriate signage and only accessed by the contractors associated with the project.



KC 69 Page 9 of 10

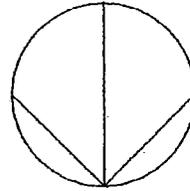
CHAFFEE HALL

Building # 1269

EIGHTH Floor Date: 2 NOV 2000

Property office
University of Rhode Island
Kingston, Rhode Island

Drawn By: ACC



Asbestos Containing Floor Tile