

**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
April 28, 2015**

ADDENDUM # 1

RFP# 7549459

TITLE: Adams Library Generator and Electrical Service Improvement Project

Submission Deadline: Wednesday May 6, 2015 at 11:00 am (Local Time)

Notice To Vendors:

- Attached is the sign in sheet from the pre bid conference held on 4/17/2015
- Attached is the updated Bid Form which must be used as well as changes and questions with responses

**Tom Bovis
Interdepartmental Project Manager**

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



State of Rhode Island
 Division of Purchases
 One Capital Hill
 Providence, RI 02908

"NON-MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET

BID NUMBER: 7549459
 Admns Library Generator and Electrical Services Improvements
 BID OPENING DATE: 4/17/15 @ 9:00 A.M.
 PRE-BID MEETING TIME: 4/17/15 @ 9:00 A.M.

Purchasing Representative:
 Jessica Cimorelli
 PRE-BID MEETING START TIME:
 9:00 AM
 Prebid END TIME:

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT NAME	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED BY (Last Name, First Name, Initials)
1 JONES J. O'HEAR	MARK REYNOLDS	2 Pine St Providence, RI	WALTER R. JOHNSON @ BAYCOLLECTIVE.COM	401-785-9850	401-785-2450	
2 RAY'S ELECTRIC	BOB MULLER	14 DASTY ST PAWBUCKET, RI	BOB MULLER @ BAYCOLLECTIVE.COM	401-274-8480	401-274-8918	
3 R F Audet	RAY PATRAUDE	805 S. CAW E. GREENWICH	RAY PATRAUDE @ RFPROVIDENCE.COM	401-884-3310		
4 Eclectic	DEY FONTAINE	3696 Warwick Ave Warwick RI	DEY FONTAINE - Eclectic & Verizon.net	735 6000		
5 K ELECTRIC	DAVE KIRK	24 WARRWICK AVE WARRWICK R.I.	DAVE KIRK @ K ELECTRIC	401-265-8281	401-789-7606	
6 Eureka T	GEORGE ROBERT	165 BASTIN ST	GEORGE ROBERT @ SIVENC.COM	401-467-3574	401-781-8825	
7 CAULSON CORP.	STEVE APPOLDT	34 OXFORD AVE PROVIDENCE, RI	STEVE APPOLDT @ CAULSONCORP.COM	401-373-1100	401-373-0035	
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Solicitation #: _____

Solicitation Title: Adams Library Generator and Electrical Service Improvement Project

BID FORM

To: The State of Rhode Island Department of Administration
Division of Purchases, 2nd Floor
One Capitol Hill, Providence, RI 02908-5855

Bidder:

Legal name of entity

Address (street/city/state/zip)

Contact name

Contact email

Contact telephone

Contact fax

Project: Adams Library Generator
And Electrical Services Improvement Project
Rhode Island College
600 Mount Pleasant Ave
Providence, RI 02908

Solicitation #: _____

Solicitation Title: Adams Library Generator and Electrical Service
Improvement Project

1. BASE BID PRICE

The Bidder submits this bid proposal to perform all of the work (including labor and materials) described in the solicitation for the following price(s):

Solicitation #: _____

Solicitation Title: Adams Library Generator and Electrical Service Improvement Project

Item Number	Item Name and Unit Bid Prices Written in Words and Figures	Estimated Quantity	Total Amount of Item (in figures)
1	Furnish all labor and materials required for construction of the Adams Library Generator and Electrical Service Improvement Project, (including the costs for all Bonds and Addenda) the lump sum price of: _____	lump sum	\$ _____
	(\$ _____)		
2	Furnish all labor and materials required for installation of C Feeder conduit and conductors from transformer on site to existing switch along campus road, including trenching, pavement, curb, sidewalk and landscaping repair, retaining wall penetration and repair and all work incidental to the installation, the linear foot price of: _____	400 lf	\$ _____
	(\$ _____)		
3	Removal of Regulated Soil, the linear foot price of: _____	20 cy	\$ _____
	(\$ _____)		
4	Removal of Hazardous Soils, the cubic yard price of: _____	20 cy	\$ _____
	(\$ _____)		

Solicitation #: _____

Solicitation Title: Adams Library Generator and Electrical Service Improvement Project

Total amount of Bid – Items 1, 2, 3 and 4

\$ _____
(base bid price *in figures* printed electronically, typed, or handwritten legibly in ink)

• **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/Subtractions* 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 or reduce the Base Bid Price by the amount set forth below for each Alternate selected.

Description of Alternate No. 1:

X Add ___ Subtract ___ Alternate No. 1: Manual Medium Voltage Distribution Switch

\$ _____
(amount *in figures* printed electronically, typed, or handwritten legibly in ink)

Solicitation #: _____
Solicitation Title: Adams Library Generator and Electrical Service Improvement Project

4. CONTRACT TIME

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

- Start of construction: Date of PO Issuance
- Substantial completion: 140 Days after Date of PO Issuance
- Final completion: 170 Days after Date of PO Issuance

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, as determined in the sole discretion of the State: \$1,000.

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.

BIDDER

Date: _____

Name of Bidder

Signature in ink

Printed name and title of person signing on behalf of Bidder

Bidder's Contractor Registration Number

**Addendum No. 1
to the Bidding Documents**

**Adams Library Generator and Electrical Service Improvement Project
Rhode Island College
Providence, RI**

Issued April 28, 2015

Under the provisions of Article 7 of Section 00200, Instructions to Bidders, Bidders are informed that the Bidding Documents for the above mentioned Project are modified, corrected, and/or supplemented as follows. Addendum No. 1 becomes part of the Bidding Documents and Contract Documents.

Acknowledge receipt of this addendum by inserting its number on Page 3 of the Bid Form. Failure to acknowledge receipt of the Addendum may subject the Bidder to disqualification.

Project Manual Changes

Item 1-1 Section 00410 –Bid Form

Delete Section 00410, and **replace** it with the attached revised Section 00410

Item 1-2 Section 00800 – Supplementary Conditions

Add "Attachment C Asbestos Abatement Plan" to Attachments to Supplementary Conditions (enclosed)

Note that the glue from the ceiling tiles in the electrical room tested negative for asbestos. The ceiling tiles are cellulose and therefore testing was not required.

Item 1-3 Section 01520 – Construction Facilities

Delete Item 1.3, Field Office, and **replace** it with the following:

"1.3 Field Office

Separate field office trailer for Resident Project Representative is not required."

Bidding Period Questions & Responses

The following responses/clarifications are based on questions received in writing and raised during the pre-bid meeting conducted on April 17, 2015.

1. Dry Type Transformer 750 KVA or 1000 KVA ?
The 480-120/208 pad mounted dry type transformer is 750 kVA. Provide a 3000 amp secondary as indicated on the drawings and dial it down to 2600 amps. The secondary conductors shall be reduced from eight sets of 4-500kcmil & 1 #500kcmil ground in 4" conduit to seven sets of 4-500kcmil & 1 #500kcmil ground in 4" conduit.
2. Panel PPG to be refed from new electrical switchboard, breaker, pipe size conductors not shown.

On drawing sheet #7 both Panel PPG and Panel A should be relabeled as Panel "RPG". Panel "RPG" is fed from Panel E as indicated single line diagrams. The conduit shown to be demolished and referenced in note #2, is the Rossi Electric feeder from the generator to the Automatic Transfer Switch. This feeder is to remain, however it may need to be relocated in order to install the new equipment. Contractor to verify, existing conditions with shop drawings. Demolition note #2 on sheet 7 should be deleted.

3. F.A. Equipment prevents new door to open 180 degrees, please advise.
The corridor is not a means of egress. The door just south of the fire alarm panels are normally locked. Therefore it is not required that the door open 180 degrees.
4. Please show location of TV Studio panel, TV condenser, chiller, cooling tower, air handler 1 & 2 panel H.
Contractor to verify the locations and feeders of the following equipment:
 - *TV Studio panel – There is a panel located in the control booth and office of the studio and the panelboard located in the electrical room to remain*
 - *TV Studio Condenser – On newer addition roof, above the load dock*
 - *Chiller - New Mechanical Room 136 – First floor just north of Mechanical Room 144 (where the fire pump is located)*
 - *Cooling Tower – On newer addition roof above the load dock*
 - *Air Handler #1 – Mechanical Room 144 (same room as the fire pump)*
 - *Air Handler #2 - New Mechanical Room 136 – First floor just north of Mechanical Room 144 (where the fire pump is located)*
 - *Panel H – Northeast corner of Mechanical Room 144*
5. West wall electric room existing switches to be relocated are the simplex transmitters still in service?
Yes the Simplex transmitters are still in service. The two safety disconnect switches and the two Simplex transmitters shall be relocated to the south wall as indicated on the drawings.
6. Type of splice for feeder "C" and possibly feeder "B"
Provide a medium voltage hot shrink splice.
7. Need to revisit bring in stubs in.
No additional site visits will be scheduled.
8. Please confirm that schedule 40 PVC cement encased is acceptable for underground duct banks.
Schedule 40 PVC conduit is suitable for underground duct banks if the duct banks are concrete encases or located a minimum of 30" below grade.
9. How should the conduit being abandoned in the floor of the electrical room be treated?
Refer to specification section 16091 subsection 3.3.D.
10. There is currently a telephone board on the wall where proposed equipment is located. Will there be a conflict?
The contractor shall remove the existing abandoned telephone backboard and telephone equipment located on the exterior wall of the electrical room.
11. Does the handicap access to the building need to remain open?

Contractor shall keep handicap access to building to the extent practicable in case of emergency. Handicap access shall be clear at the end of every workday.

12. Does the shutdown need to occur off hours?

Yes, the shutdown will occur off hours. Summer Library hours are as follows:

- *May 11th through May 15th: Open Monday through Friday, 9:00 AM to 5:00 PM.*
- *May 18th through August 7th: Open Monday through Friday 8:00 AM to 5:00 PM.*
- *Closed Monday May 25th.*
- *Closed Monday July 6th.*
- *Closed Monday August 10th.*
- *August 11th through August 28th: Open Monday through Friday, 9:00 AM to 5:00 PM.*
- *Monday August 31st fall semester begins Library resumes normal hours, Monday through Thursday 8:00 AM to 11:00 PM, Friday 8:00 AM to 5:00 PM, Saturday/Sunday 11:00 AM to 5:00 PM.*
- *Closed Monday September 7th*

END OF ADDENDUM NO. 1

J:\R\R0236\02 Library Generator\Bidding\Addendum 1.doc

RHODE ISLAND DEPARTMENT OF HEALTH

NOTARIZED CERTIFICATION OF EMERGENCY ASBESTOS ABATEMENT PLAN

Facility: Rhode Island College – Adams Library

Address: 600 Mt. Pleasant Avenue

City/Town: Providence

Zip: 02908

Amendment Phase No:

Abatement Plan Written By: Joseph M. Lepore

Certification No: AAC-661-PD

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

Type of Asbestos Abatement (X) 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 (X) No

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

Contractor: To Be Determined

License No:

Estimated Starting Date: 3/20/2015

Pre-Abatement Sampling Information

Bulk Samples Collected By: Jonathan Van Hazinga

Certification No: AAC-714IS

Bulk Samples Analyzed By: ProScience Analytical Services

Certification No: AAL-093

Air Samples Analyzed By: RI Analytical Laboratories

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: [Signature] (Signature of Building Owner or Agent)

Title: Director of Capital Projects

[Printed Name] (Typed/Printed Name of Certifier)

Date: 3/3/15

Subscribed and sworn before me this 3rd day of March, 2015

[Signature] (Notary Public) JULIETEIXEIRA

My Commission Expires: 3/12/2016

AFFIX 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:
Rhode Island College

2. Application Prepared By:
Joseph M. Lepore

RI certification No: **AAC-661-PD**

Telephone No: **401-737-8500 ext 106**
(Area code, No., Ext.)

3. Building Owner's Mailing Address and

Street: **600 Mt. Pleasant Ave**

City/Town: **Providence**

Zip: **02908**

Telephone No.: **401-456-8537**

(Area Code, No., Ext.)

4. Person to be contacted regarding this application:

Name: **John Paras, Director**

jparas@ric.edu

Telephone No: **(401) 456-8262**

(Area Code, No., Ext.)

5. Location where abatement work will be performed:

Name (if applicable): **Adams Library**

Street: **600 Mt. Pleasant Ave.**

City/Town: **Providence**

Zip: **02908**

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 Determined**

R.I. License No.:

14. Pre-Abatement Air Sample Collection and Analysis:

A). Person collecting pre-abatement air samples:

Name: **Joseph M. Lepore** 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 – Television Studio**
- Area 2 – Electrical Room**
- Area 3 - Exterior**

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

Signature: _____ Date 2/27/15
(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: RI College Campus, Adams Library

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 – Television Studio

(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]	2x2 Transite Ceiling Panels
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 Waiver described in attachment 4

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

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: RI College Campus, Adams Library

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.

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

Area 2 – Electrical Room

(6) 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

(7) 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

(8) PROPOSED REMEDIES:

F). 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.):

G). 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]	Transite Components and ACM Wiring
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]	_____

H). 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.

I). 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.

J). 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

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: RI College Campus, Adams Library

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.

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

Area 3 – Exterior

(10) 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

(11) 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

(12) PROPOSED REMEDIES:

K). 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.):

L). 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]	_____
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]	Waterproofing

M). 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.

N). 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.

O). 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

ASB-16-17A-D

In Process and Clearance Air Sampling

- A. RI Analytical will collect at a minimum, one compliance air sample outside each 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 areas have passed the consultant's visual inspection he or his authorized representative on site shall collect the following clearance air samples;

Area 1 & 2: After the area has passed the consultant's visual inspection, he or his authorized representative on site shall collect at a minimum of 2 PCM clearance air samples will be collected per the first 1000sf of containment area. An additional sample will be collected for each additional 1000sf of containment space.

Area 3: Clearance air samples will not be required as removal is exterior. A qualified individual shall inspect abated areas to confirm that all identified materials have been removed. It is the responsibility of the asbestos contractor to collect personnel air samples in compliance with OSHA 29 CFR 1926.1101 (f). These samples must be submitted to the RI DOH upon completion of the abatement area.

- 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

Material	Location	Quantity	Results	Comment
2x2 Transite Ceiling Tile	Television Studio	24 sf	Assumed Positive	Panels consist of square pegboard style painted black. It is anticipated that panels will be disturbed during the installation of hangers for conduit supports. Remove panels in whole for disposal. Modification of the panels must be completed within a negative pressure enclosure.
Transite Components and wire insulation	Electrical Room	1/8 cyd	Assumed Positive	Transite components and ACM insulated wire are assumed present within the interior of the switchgear. Equipment was energized and inaccessible at the time of the survey.
Waterproofing	Foundation	5 sf	Assumed Positive	Waterproofing mastic is assumed present on the subgrade concrete foundation where conduit will penetrate.

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

Television Studio: A total of 6 2x2 ceiling tiles will be removed from the drop ceiling in order to install the pipe hangers.

Electrical Room: Transite components and ACM insulated wire are assumed to be in the switchgear to be removed in this area.

Exterior: Cutting a trench to run conduit in the concrete of the loading dock may disturb up to 5 square feet of water proofing material.

ATTACHMENT #2 (Cont.)

Laboratory Analysis Reports:

1. Pre Abatement Air Sampling Results
2. Report from Tighe & Bond Including Bulk Sample Results



CERTIFICATE OF ANALYSIS

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

Date Received: 2/19/15
Date Reported: 2/20/15
Work Order #: 1502-03416

PROJECT #150135 RIC - TV STUDIO - PRE-AIRS

Dear: Mr. Joseph Lepore

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 02/18/2015

Work Order #: 1502-03416

Site Location: PROJECT #150135 RIC - TV STUDIO - PRE-AIRS

<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	1: PRE-AIR TV STUDIO	900.0	<12.9	0.006	<0.006
002	2: BLANK		<12.9		
003	3: BLANK		<12.9		

Project #150135

RIC

TV Studio

Pre-Airs

Laboratory blank samples fall within acceptable limits of method.

Rhode Island College Adams Library – Hazardous Building Materials Assessment

TO: Andrew Mayes, P.E. Rhode Island College
FROM: Jonathan Van Hazinga Tighe & Bond
Rebecca Sherer, P.E. Tighe & Bond
DATE: February 13, 2015

This correspondence is provided to summarize environmental assessment activities conducted at the Rhode Island College Adams Library. A facility improvement project, which includes upgrading the electrical system, is currently proposed for the building. This inspection was limited to only those areas being proposed for renovation impact, which consisted of materials associated with the electrical room and television studio that may have potential for disturbance during the proposed renovation.

As required by state and Federal regulations, characterization of various waste streams generated during construction projects must be completed to ensure their proper management. An asbestos inspection, assessment of potential Hazardous/PCB-containing building materials and sampling of painted surfaces for metals characterization were recently completed to facilitate the upgrade project.

Asbestos Survey

Prior to renovation or demolition, a survey is required to identify and quantify asbestos. This survey is required by the Rhode Island Department of Health (RIDOH) Rules and Regulations for Asbestos Control (R23-24.5-ASB); the National Emission Standards for Hazardous Air Pollutants (NESHAP) Standard for Demolition and Renovation 40 CFR Part 61.145, as well as applicable portions of the Occupational Safety and Health Administration (OSHA) CFR 1926.1101 asbestos in construction regulations. These regulations must be implemented during all facets of asbestos abatement, renovation and demolition as required by law.

The asbestos survey was performed by Tighe & Bond's state licensed asbestos inspector Jonathan Van Hazinga (license number AAC-0714) on January 22, 2015 and consisted of an inspection of accessible areas of the Adams Library building to determine the presence or absence of presumed asbestos-containing materials (PACM) that may be impacted during the proposed renovation activities. Bulk samples of PACM were collected from each homogenous group of materials in general accordance with standards described in the Environmental Protection Agency (EPA) Asbestos Hazard and Emergency Response Act (AHERA) Regulations. Following collection, bulk samples were submitted to ProScience Analytical Services (PAS) of Woburn, Massachusetts for analysis via polarized light microscopy (PLM) with dispersion staining in accordance with the EPA/600/R-93/116 method.

The survey information is summarized in the attached *Asbestos-Containing Materials Inventory*. The inventory lists PACM sampled, sample numbers, material locations and specific comments relative to materials observed. Additionally, the PAS laboratory analytical report is included with this correspondence. The following materials have been assumed as positive for asbestos and must be abated if they will be impacted by the renovation activities:

- Asbestos-cement (transite) suspended ceiling panels located in the television studio that may be disturbed during the installation of hangers for conduit supports.
- Transite components and wire insulation are assumed present within the interior of the switchgear. The equipment was energized and inaccessible at the time of survey.
- Waterproofing mastic is assumed present on the subgrade foundation near the loading dock where conduits may penetrate.

Although the survey included a thorough inspection of the proposed renovation areas, there is the potential that additional materials may be present in concealed areas. If additional PACM is encountered during the renovation project, it should be considered as an asbestos containing material (ACM) until sampling and analysis can confirm otherwise.

Hazardous Material Assessment

In addition to the asbestos survey, an assessment of oil or hazardous materials (OHM) and/or potential PCB-containing building materials was completed at the Site to assist in characterization of the demolition waste streams. As summarized on the attached *Hazardous Materials Inventory*, multiple OHMs were identified that will require proper management during the renovation project.

Potential PCB-containing building materials identified during the assessment are limited to glazing and caulking materials associated with the former access door from the loading dock to the electrical room. During the renovation project, the entire window unit, caulking materials and substrates (plywood and trim wood) directly in contact with the caulking should be handled and disposed of as an assumed *PCB bulk product* material unless PCB testing is completed to demonstrate otherwise.

Lead-Based Paint Sampling

As assessment of painted surfaces with the potential for impact during the renovation project was also completed at the Site to assist in the identification of potential lead-based paint. Three samples (LBP-01 through LBP-03) were collected from various paint systems within the proposed renovation areas. The samples were submitted to PAS for total lead analysis in paint by the EPA SW846-7420/3051 method. A table summarizing the results and the PAS laboratory analytical report for these samples is included with this correspondence. Sample LBP-03, collected from the exterior pad-mounted electrical transformer, reported a lead concentration of 2.3% by weight, which is above the EPA threshold of 0.5% for lead-based paint. The other two samples reported low to non-detectable lead concentrations below the EPA threshold.

Although the concentration of lead in the transformer paint is above the federal lead-based paint threshold, it is anticipated the metal housing of the unit will be recycled and therefore, the elevated lead concentration is not regulated. However, the recycling vendor/facility should be made aware of the elevated lead concentration. Additionally, the renovation contractor should be informed of all paint sample results so they may undertake the necessary safety precautions to avoid worker inhalation of, or contamination of adjacent areas with lead dust in the event paint is subject to sanding, grinding, torch cutting or any other activity causing paint disturbance that may render airborne particulate. If impact to these surfaces will occur as part of the project in the aforementioned manner, compliance with applicable aspects of the OSHA 1926.62 lead in construction standard for worker safety and EPA Renovation Repair and Painting Program rules would be recommended.

Conclusions /Recommendations

An asbestos survey and building material assessment has been completed at the Rhode Island College Adams Library facility to identify potential environmental issues that may impact the proposed improvement project. A summary of the results are provided below:

- PACM identified during the survey effort was assumed as containing asbestos and will need to be abated as part of the renovation project. If additional PACM is encountered during the project it should be treated as ACM until sampling an analysis can confirm otherwise.
- The identified ACM's are to be abated by a Rhode Island licensed asbestos abatement contractor prior to renovation activities that will render these materials friable. Additionally, an abatement plan must be prepared and submitted to RIDOH for review and approval prior to abatement activities.
- Caulking and glazing materials associated with the former access door to the electrical room have the potential to contain PCBs. During the renovation project, the entire window unit, caulking materials and substrates directly in contact with the caulking materials should be handled and disposed of as an assumed *PCB bulk product* material.

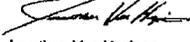
It should be noted that many building materials have the potential to contains PCBs and current EPA regulations do not mandate that building materials be sampled for PCBs. If regulated PCB levels are identified, significant abatement and permitting costs could result for building materials that go well beyond the proposed work areas summarized in this letter. The decision to sample certain building materials for PCBs therefore must be made by the school administration. The approach for this project is to only address in an "assumed" fashion the suspect PCB building materials that may be impacted as part of this project.

This report shall serve as a general indication of hazardous materials findings that may be impacted during the proposed renovation. Given that this project is being publically bid, the abatement activities should be prepared within a scope of work/project design format. We recommend the information provided herein be converted into technical specifications for both hazardous and assumed PCB building materials. The specification(s) would address worker exposure, waste management, and best management practices to control the work area. An asbestos abatement plan would also require submittal to RIDOH for approval and must be prepared by a licensed project designer.

**Asbestos-Containing Materials Inventory
Rhode Island College
Adams Library Proposed Renovation Areas
600 Mount Pleasant Avenue
Providence, Rhode Island**

Sample #	Material	Location	Approximate Quantity	Result	Comment
RIC-01/01A, RIC-02/02A, RIC-03/03A	Wall plaster skimcoat / basecoat	Adams Library - Television studio, throughout wall	-	Negative	Material comprises west interior wall, conduit to penetrate.
AP	2'x2' Transite ceiling panels	Adams Library - Television studio, throughout ceiling	24 SF	Positive	Panels consist of square pegboard style painted black. It is anticipated that panels will be disturbed during the installation of hangers for conduit supports. Remove panels in whole for disposal. Modification (i.e. drilling, cutting, etc.) of the panels must be completed within a negative pressure enclosure.
RIC-04/04A, RIC-05/05A, RIC-06/06A	Sheetrock / joint compound	Adams Library - Television Studio, throughout entryway	-	Negative	Material comprises walls, seam tape was observed to be fiberglass mesh.
RIC-07, RIC-08	Glue daubs	Adams Library - Television Studio, stairwell area	-	Negative	Adheres ceiling tiles to concrete deck.
RIC-09, RIC-10	Glazing and caulking materials	Adams Library - Loading dock area	-	Negative	Glazing is associated with a transom window above plywood that covers a former access door to electrical room. Caulking is applied to plywood and inner wood frame. Materials (including wood substrates) are suspect for PCBs and should be removed and disposed of as such unless testing demonstrates otherwise.
RIC-11, RIC-12	Caulking material	Adams Library - Loading dock area	-	Negative	Material is applied to exterior wood frame and concrete building façade at the former access door to the electrical room. This material is suspect for PCBs and should be removed and disposed of as such unless testing demonstrated otherwise.
RIC-13/13A, RIC-14/14A, RIC-15/15A	Wall plaster skimcoat / basecoat	Adams Library - Electrical room	-	Negative	Material comprises interior walls.
RIC-16, RIC-17, RIC-18	Fitting insulation	Adams Library - Electrical room	-	Negative	Associated with piping for unit heater.

**Asbestos-Containing Materials Inventory
Rhode Island College
Adams Library Proposed Renovation Areas
600 Mount Pleasant Avenue
Providence, Rhode Island**

Sample #	Material	Location	Approximate Quantity	Result	Comment
RIC-18, RIC-19, RIC-20	Black adhesive	Adams Library - Electrical room	-	Negative	Material adheres foil covering to fiberglass insulation on piping associated with unit heater.
AP	Transite components and wire insulation	Adams Library - Electrical room	1/8 CYD	Positive	Transite components and ACM insulated wire are assumed present within the interior of the switchgear. Equipment was energized and inaccessible at the time of the survey.
AP	Waterproofing	Adams Library - Foundation	5 SF	Positive	Waterproofing mastic is assumed present on the subgrade concrete foundation where conduit will penetrate.
LEGEND:				Survey Completed By:	
ACM = Asbestos-Containing Material				 Jonathan Van Hazinga RIDOH # AAC-0714 Tighe & Bond - 446 Main Street, Worcester, MA - 508.754.2201	
AP = Assumed Positive					
CYD = Cubic Yard					
SF = Square Feet					

Hazardous Materials Inventory

Tighe & Bond

Project: Rhode Island College - Adams Library Electrical Upgrade
 Location: Providence, RI

Project # 27-236-2

Location	Waste Type	Container Type	Volume of Contents	Quantity	Comments
Electrical Room - Throughout	Mercury	Fluorescent light tubes	-	30	Various size light tubes, some boxes stored.
Electrical Room - Throughout	PCBs	Ballast	-	15	Within lighting fixtures and stored in electrical room.
Electrical Room - Throughout	PCBs	Oil cutout switches	3 Gal	2	Oil cutout switches associated with older switchgear, assumed as PCB-containing.
Electrical Room - Throughout	Oils	Plastic pail	5 Gal	2	Two pails of refrigeration equipment oil stored in electrical room.
Electrical Room - Exterior	PCBs	Access Door Caulking/Glazing	2'x5' Window	50 LF Caulking	Caulking and glazing materials associated with the former access door to the electrical room are assumed as PCB-containing.
Exterior	Oils	Electrical Transformers	250 Gal	2	Material within pad-mounted 300-kVA transformers to be replaced, exterior sticker indicates oil within is non-PCB.

Paint Analytical Lead Testing Results
Rhode Island College
Adams Library
600 Mount Pleasant Avenue
Providence, Rhode Island

Sample Identification	LBP-01	LBP-02	LBP-03
Date Collected	1/22/2015	1/22/2015	1/22/2015
Sample Location	Exterior Wood Door - Brown paint	Electrical Room Walls - Off-white paint	Exterior Electrical Transformer - Grey paint
Metals (Total)			
Lead	0.35%	<0.012%	2.3%

Sample LBP-03 reported a lead concentration above the regulatory threshold of 0.5% for lead-based paint.



ProScience Analytical Services, Inc

Jon Van Hazinga
Tighe & Bond, Worcester
446 Main St.
Worcester, MA 01608

January 28, 2015

Dear Jon Van Hazinga,

The enclosed analytical results have been obtained by using the EPA/600/R-93/116 method. The "Visual Estimate" quantitative method is generally used for determining the percentage of asbestos and other components of the sample. "The Point Counting" method may also be used upon client request or at the analyst discretion. The Point Count method is usually recommended when the sample contains less than 10% asbestos by Visual estimate. Asbestos content less than 1% is recorded on the report as TR (trace).

The Quality Control data related to the samples analyzed is available upon client's written request. ProScience Analytical Services Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested.

If you have any questions please contact the Laboratory Manager or the Laboratory Director.

Sincerely,

Stefanie Bishop, Optical Asbestos Manager

Aimee Cormier, Laboratory Director

Enclosure: Version 2
LAB BATCH ID: B 94952 CLIENT PROJECT ID: R-236
Client Ref: RIC - Adams Library
AIHA ID# 102754; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; NVLAP
Lab Code 200090-0; RI ID # AAL-093; VT ID# AL016876

ProScience Analytical Services, Inc.

Client Name: Tighe & Bond, Worcester
 PO #: N/A
 Client Project #: R-236
 Client Reference: RIC - Adams Library
 Method: EPA/600/R-93/116

Batch: B94952
 Date Sampled: 1/22/2015
 Date Received: 1/23/2015
 Date Analyzed: 1/25/2015
 Date of Report: 1/28/2015

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-01	White	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Plaster Skim Coat														
Location: N/A														
Comments: Is asbestos present? No. Analyzed: Yes														

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-02	White	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Plaster Skim Coat														
Location: N/A														
Comments: Is asbestos present? No. Analyzed: Yes														

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-03	White	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Plaster Skim Coat														
Location: N/A														
Comments: Is asbestos present? No. Analyzed: Yes														

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-01A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Plaster Base Coat														
Location: N/A														
Comments: Is asbestos present? No. Analyzed: Yes														

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-02A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Plaster Base Coat														
Location: N/A														
Comments: Is asbestos present? No. Analyzed: Yes														

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-03A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Plaster Base Coat														
Location: N/A														
Comments: Is asbestos present? No. Analyzed: Yes														

ProScience Analytical Services, Inc.

Client Name: Tighe & Bond, Worcester
 PO #: N/A
 Client Project #: R-236
 Client Reference: RIC - Adams Library
 Method: EPA/600/R-93/116

Batch: **B94952**
 Date Sampled: 1/22/2015
 Date Received: 1/23/2015
 Date Analyzed: 1/25/2015
 Date of Report: 1/28/2015

Sample ID	Color	Asbestos %						Non-Asbestos %							
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON	
RIC-04	Beige	0	0	0	0	0	0	2	0	2	0	0	0	96	
Description: Sheetrock Location: N/A Comments: Is asbestos present? No. Analyzed: Yes															

Sample ID	Color	Asbestos %						Non-Asbestos %							
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON	
RIC-05	Beige	0	0	0	0	0	0	2	0	2	0	0	0	96	
Description: Sheetrock Location: N/A Comments: Is asbestos present? No. Analyzed: Yes															

Sample ID	Color	Asbestos %						Non-Asbestos %							
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON	
RIC-06	Beige	0	0	0	0	0	0	0	0	0	0	0	0	100	
Description: Sheetrock Location: N/A Comments: Is asbestos present? No. Analyzed: Yes															

Sample ID	Color	Asbestos %						Non-Asbestos %							
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON	
RIC-04A	White	0	0	0	0	0	0	0	0	0	0	0	0	100	
Description: Joint Compound Location: N/A Comments: Is asbestos present? No. Analyzed: Yes															

Sample ID	Color	Asbestos %						Non-Asbestos %							
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON	
RIC-05A	White	0	0	0	0	0	0	0	0	0	0	0	0	100	
Description: Joint Compound Location: N/A Comments: Is asbestos present? No. Analyzed: Yes															

Sample ID	Color	Asbestos %						Non-Asbestos %							
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON	
RIC-06A	White	0	0	0	0	0	0	0	0	0	0	0	0	100	
Description: Joint Compound Location: N/A Comments: Is asbestos present? No. Analyzed: Yes															

ProScience Analytical Services, Inc.

Client Name: Tighe & Bond, Worcester
 PO #: N/A
 Client Project #: R-236
 Client Reference: RIC - Adams Library
 Method: EPA/600/R-93/116

Batch: B94952
 Date Sampled: 1/22/2015
 Date Received: 1/23/2015
 Date Analyzed: 1/25/2015
 Date of Report: 1/28/2015

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-07	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Glue Daubs Location: N/A Comments:														Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-08	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Glue Daubs Location: N/A Comments:														Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-09	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Glazing Compound Location: N/A Comments:														Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-10	Gray	0	0	0	0	0	0	0	0	0	0	0	TR	100
Description: Caulking Material Location: N/A Comments: Other Is Talc. Recommend TEM Analysis.														Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-11	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Frame Caulking Location: N/A Comments:														Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-12	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Frame Caulking Location: N/A Comments:														Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Tighe & Bond, Worcester
 PO #: N/A
 Client Project #: R-236
 Client Reference: RIC - Adams Library
 Method: EPA/600/R-93/116

Batch: B94952
 Date Sampled: 1/22/2015
 Date Received: 1/23/2015
 Date Analyzed: 1/25/2015
 Date of Report: 1/28/2015

Sample ID	Color	Asbestos %						Non-Asbestos %							
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON	
RIC-13	White	0	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Plaster Skim Coat															
Location: N/A															
Comments: Is asbestos present? No. Analyzed: Yes															

Sample ID	Color	Asbestos %						Non-Asbestos %							
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON	
RIC-14	White	0	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Plaster Skim Coat															
Location: N/A															
Comments: Is asbestos present? No. Analyzed: Yes															

Sample ID	Color	Asbestos %						Non-Asbestos %							
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON	
RIC-15	White	0	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Plaster Skim Coat															
Location: N/A															
Comments: Is asbestos present? No. Analyzed: Yes															

Sample ID	Color	Asbestos %						Non-Asbestos %							
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON	
RIC-13A	Beige	0	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Plaster Base Coat															
Location: N/A															
Comments: Is asbestos present? No. Analyzed: Yes															

Sample ID	Color	Asbestos %						Non-Asbestos %							
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON	
RIC-14A	Beige	0	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Plaster Base Coat															
Location: N/A															
Comments: Is asbestos present? No. Analyzed: Yes															

Sample ID	Color	Asbestos %						Non-Asbestos %							
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON	
RIC-15A	Beige	0	0	0	0	0	0	0	0	0	0	0	0	0	100
Description: Plaster Base Coat															
Location: N/A															
Comments: Is asbestos present? No. Analyzed: Yes															

ProScience Analytical Services, Inc.

Client Name: Tighe & Bond, Worcester
 PO #: N/A
 Client Project #: R-236
 Client Reference: RIC - Adams Library
 Method: EPA/600/R-93/116

Batch: **B94952**
 Date Sampled: 1/22/2015
 Date Received: 1/23/2015
 Date Analyzed: 1/25/2015
 Date of Report: 1/28/2015

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-16	Gray	0	0	0	0	0	0	0	70	0	0	0	0	30
Description: Fitting Insulation Location: N/A Comments: Is asbestos present? No. Analyzed: Yes														

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-17	Gray	0	0	0	0	0	0	0	50	0	0	0	0	50
Description: Fitting Insulation Location: N/A Comments: Is asbestos present? No. Analyzed: Yes														

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-18	Gray	0	0	0	0	0	0	0	70	0	0	0	0	30
Description: Fitting Insulation Location: N/A Comments: Is asbestos present? No. Analyzed: Yes														

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-19	Black	0	0	0	0	0	0	0	0	50	0	0	0	50
Description: Black Adhesive Location: N/A Comments: Is asbestos present? No. Analyzed: Yes														

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-20	Black	0	0	0	0	0	0	0	0	50	0	0	0	50
Description: Black Adhesive Location: N/A Comments: Is asbestos present? No. Analyzed: Yes														

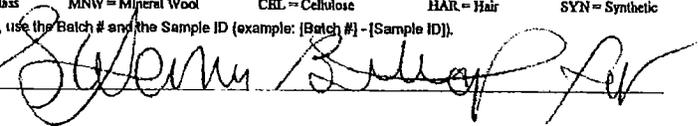
Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
RIC-21	Black	0	0	0	0	0	0	0	0	50	0	0	0	50
Description: Black Adhesive Location: N/A Comments: Is asbestos present? No. Analyzed: Yes														

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
 Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage.

Analyst: Kyle Green



ATTACHMENT #3

Interim Operations & Maintenance Plan

The contractors, maintenance personnel and staff associated with the Adams Library 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

It is the contractor's responsibility to verify material locations and quantities.

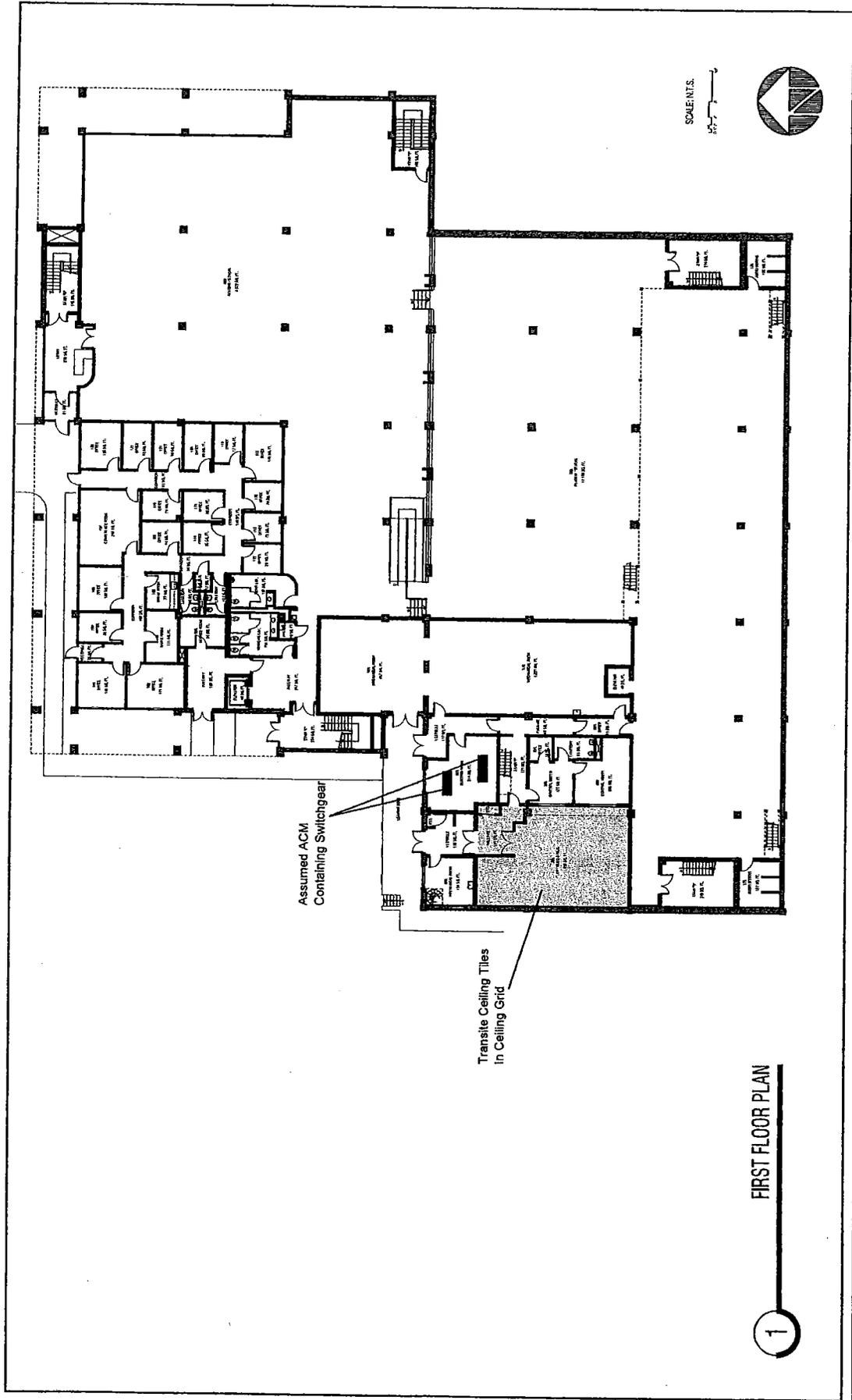
All proper OSHA, federal, state, and local safety regulations were followed for this project.

Area 2 will be removed utilizing B8.2 and B8.3 work procedures.

Area 3 will be abated utilizing B8.8 exterior procedures.

We are requesting a waiver of a three chambered decontamination unit as well as a waiver to utilize 1 layer of 6 mill poly for walls within Area 1. Ceiling tiles are laid in and should come out of grid with ease. We are anticipating dust above and on the tracks that will be contained within the one layer enclosure. All other B8.2 and 8.3 procedures will apply.

Attachment #5
Building Diagram



FIRST FLOOR PLAN

1

RHODE ISLAND COLLEGE



600 Mount Pleasant Avenue | Providence, Rhode Island | 02908

PREPARED BY:
URBAN DESIGN GROUP

530 Wood Street | Bristol, Rhode Island | 02809 | 401-254-2032

BUILDING # 23
JAMES P. ADAMS LIBRARY

DATE: 04-18-2012
SHEET #: 23.1

Solicitation #: _____

Solicitation Title: Adams Library Generator and Electrical Service
Improvement Project

BID FORM

To: The State of Rhode Island Department of Administration
Division of Purchases, 2nd Floor
One Capitol Hill, Providence, RI 02908-5855

Bidder:

Legal name of entity

Address (street/city/state/zip)

Contact name

Contact email

Contact telephone

Contact fax

Project: Adams Library Generator
And Electrical Services Improvement Project
Rhode Island College
600 Mount Pleasant Ave
Providence, RI 02908

Solicitation #: _____

Solicitation Title: Adams Library Generator and Electrical Service
Improvement Project

1. BASE BID PRICE

The Bidder submits this bid proposal to perform all of the work (including labor and materials) described in the solicitation for the following price(s):

Solicitation #: _____

Solicitation Title: Adams Library Generator and Electrical Service Improvement Project

Item Number	Item Name and Unit Bid Prices Written in Words and Figures	Estimated Quantity	Total Amount of Item (in figures)
1	Furnish all labor and materials required for construction of the Adams Library Generator and Electrical Service Improvement Project, (including the costs for all Bonds and Addenda) the lump sum price of: _____	lump sum	\$ _____
	(\$ _____)		
2	Furnish all labor and materials required for installation of C Feeder conduit and conductors from transformer on site to existing switch along campus road, including trenching, pavement, curb, sidewalk and landscaping repair, retaining wall penetration and repair and all work incidental to the installation, the linear foot price of: _____	400 lf	\$ _____
	(\$ _____)		
3	Removal of Regulated Soil, the linear foot price of: _____	20 cy	\$ _____
	(\$ _____)		
4	Removal of Hazardous Soils, the cubic yard price of: _____	20 cy	\$ _____
	(\$ _____)		

Solicitation #: _____
Solicitation Title: Adams Library Generator and Electrical Service
Improvement Project

Total amount of Bid – Items 1, 2, 3 and 4

\$ _____
(base bid price *in figures* printed electronically, typed, or handwritten legibly in ink)

- **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/Subtractions 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 or reduce the Base Bid Price by the amount set forth below for each Alternate selected.

Description of Alternate No. 1:

Add Subtract Alternate No. 1: Manual Medium Voltage Distribution Switch

\$ _____
(amount *in figures* printed electronically, typed, or handwritten legibly in ink)

