



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Administration  
DIVISION OF PURCHASES  
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March 4, 2015

**ADDENDUM NUMBER THREE**

**RFQ # 7549307**

**TITLE: HVAC Upgrades Project, Roberts Hall, RIC**

**Closing Date and Time: 3/12/15 at 2:00 PM**

**Per the issuance of this ADDENDUM #3 (19) pages, including this cover sheet)**



**Specification Change /Addition / Clarifications**

**Attached are the questions, along with the answers, we received regarding this Solicitation.**

**Also there is a Revised (3/4/15) Bid Form (5 pages) attached. Use this form when you submit your Bid Response.**

3/03/15

Pre-Bid Conference on 2/23/15

Solicitation #7549307

Titled: HVAC Upgrades – Roberts Hall – Rhode Island College

**Vendor Questions & Clarifications: Addendum #3**

**Question:** In regards to the mechanical room partition wall for Roberts Hall at RIC, the drawings indicate that there is to be a new partition wall from floor to roof placed in front of the existing partition wall which only rises approximately 10'. During the walkthrough however, it was discussed that the new partition wall was to be built on the existing one to extend it to the roof creating one continuous wall. If a new wall is to be built in front of the existing as per H5.0 indicates, there will have to be relocation of existing conduit, wires, and other items currently mounted on the wall. Is the existing wall to be used to build upon for the full partition wall, or is there to be a full new partition wall to be placed in front of the existing?

**Response:** *Refer to dwg. H5.0 for wall installation requirements. The wall towards the Auditorium will be a new wall in front of the existing while the wall towards the control rooms will be built on top of the existing.*

**Question:** In regards to the piping materials and methods to be used at Roberts Hall at RIC, will "Press" fittings be acceptable using copper materials 2" and smaller for HWS&R/CHWS&R/DTS&R systems?

**Response:** *No.*

**Question:** Hvac Pipe & Equipment Insulation Section 15250 Pg. 4 Par. #8. What is the linear footage of Chilled Water Supply & Return that is to be reinsulated in the second floor ceiling space that is mentioned in the paragraph?

**Response:** *Assume 70 ft. of 3" supply and 3" return piping that will need to have existing insulation removed and new polyisocyanurate insulation as specified. This piping is currently located above the corridor and/or cat walk. The piping will be insulated from the mechanical room to where it drops down thru the floor about 50 ft. East of the mechanical room*

**Question:** I asked this question at the pre-bid meeting. But when I got back to the office and looked at the dwgs more. Most of the pipe is heating hot water supply & return not dual temp. Why is polyisocyanurate & PVC jacket being specified in the catwalk area?

**Response:** *Hot water piping only can be insulated with fiberglass. Use the LPS system for pipe thickness requirements. See page 12 paragraph 3.6 for pipe insulation requirements.*

**Question:** Does new & existing ductwork get insulated?

**Response:** *Yes. All existing duct insulation is being removed due to the asbestos duct tape.*

**Question:** Are Roof Penetrations going to be needed for the install of the Safety Guard Rail for the roofline or can the Guard Rails be attached to the side of the building. It appears that the guard rail is going to be placed at the edge of the roof.

**Response:** *Pre-fabricated Guard rails need to be fastened to the roof structure with a 4"x8" base plate via (4) 4" x 3/8" diameter epoxy bolts embedded into the concrete deck and concrete block at the edge of the roof. The guard rail system shall be permanent and installed/designed per manufacturer's recommendations meeting 29 CFR 1910.*

**Question:** Will there be Roof Access during this Friday's Site Visit in order to confirm the measurements for the crane pick for the RTU placement? The crane pick appears to be lengthy and a measurement will be needed in order to confirm exact distance?

**Response:** *No. The existing RIC drawings show the highest roof to be about 50' from finished grade. Online public resources are available to estimate distances for the Crane pick. The ground level area outside of Roberts Hall is accessible at any time for measuring distances. The crane can be set up north or south of Roberts Hall. Exact crane set up location will be dependent on crane size and contractor's ability to demonstrate that the operation can be completed in a safe manner without damaging RIC property. Provide a rigging plan with minimum 3 week notice to RIC for approval. All rigging would need to be done when the building is unoccupied, this will also need to be coordinated with RIC. All crane rigging will need to be done during non-business hours, weekends or Holidays.*

**Question:** Is the roof under warranty ?

**Response:** *No.*

**Question:** Do you have ceiling tile information for what needs to be replaced ?

**Response:** *There are no ceiling tiles. Only ceiling that may need partial removal would be in the intermediate electric room.*

**Question:** What is the completion date ?

**Response:** *Anticipating a P.O. issuance in April, RIC requires the asbestos abatement to be completed by May 22<sup>nd</sup>. Heating system demolition and all major equipment ordered by June 30<sup>th</sup> end of fiscal year. Auditorium work shall be 100% complete by August 21<sup>st</sup>. Heating system shall be 100% complete by September 18<sup>th</sup>. Because the chilled water system cannot be taken down until fall of 2015, the project substantial completion date is set to be Dec. 18<sup>st</sup> 2015. See drawing H3.0 for additional construction sequencing requirements.*

**Question:** When is the heating system shut down ?

**Response:** *April or May depending on the weather.*

**Question:** Is there an asbestos abatement plan ?

**Response:** Yes. It was provided on the Rhode Island Division of Purchases website as Addendum #2.

**Question:** Is refrigerant piping insulation being provided by someone else ?

**Response:** See specification 41968-15630 – HVAC Refrigeration Piping for insulation requirements. The installing contractor will own this work with his contract to RIC.

**Question:** Confirm Duct insulation in the Cat Walk Area.

**Response:** Install 3" of Duct Wrap, .75 lbs/cubic foot in the Cat Walk Area for all (Existing and New) Supply and Return ductwork. Out of Package "R" value of 10.2 and installed "R" value of 8.4.

**Question:** Confirm Aluminum covering for exterior ductwork

**Response:** Cover the rigid duct insulation with 14.0 mil (Embossed) Venture Clad 1577CW-E as specified. No additional covering beyond this is required.

**Question:** What type of guardrails are required ?

**Response:** Standard hand rail type with top bottom and mid bars 39-42" high meeting OSHA and 29 CFR 1910. Refer to products manufactured by Guardian for guidance.

**Question:** Are electrical panels all existing with only new interiors?

**Response:** No. Panel PP is a new panel board, MDP is a new interior and trim.

**Question:** There is a typo on the plans which show 500 amp, should that be 1000?

**Response:** Yes, the Panelboard MDP should have a bus rated for 1200 amp and be main lug only. It should be noted that the existing tub dimensions are 35½" wide X 70 ¾" high X 11½" deep.

**Question:** E2 note 2 says catwalk for demo?

**Response:** Note 2 makes reference to the Mechanical Drawings for additional equipment to be electrically disconnected, and makes reference to the Demolition Scope of Work on Drawing H3.0 for sequence of removal of the equipment.

**Question:** What is the approximate feeder length?

**Response:** The feeders in question are the two RTU feeders indicated on the Modified Electrical Single Line Diagram on Drawing E4.1. The intent is for the feeders to be installed at the ceiling in the Electrical Room head northerly into the adjacent Storage Closet, down a soffit wall to a lower ceiling to the northeast corner of the Storage Room, core drill thru a masonry wall. The feeders will then be in a space between the Auditorium wall and Stage. The feeders will then rise in an accessible chase to the Catwalk space below the roof. The contractor shall carry approximately 200 linear feet for each feeder.

Several pull boxes will be required based on the number of bends required.

The ceilings in the Electric and Storage Rooms contain asbestos and will need to be removed before any construction. The Electric room is approximately 160 s.f. while the Storage room is 100 s.f.

**Question:** In regards to the catwalk area at Roberts Hall above the mechanical space, what is needed for work capability to take place up there with no rails currently in place?

**Response:** All bidders shall have a dedicated safety manager as part of the company that will perform a visual inspection of the working site and submit a Job Hazards Analysis and Safety Plan to RIC and Engineer to show how all of the work will be conducted in compliance with OSHA and CFR 1910 and 1926. Particular attention needs to be made for the fall protection in the Cat Walk area above the Auditorium.

**Question:** In regards to the electrical room at Roberts Hall, who is responsible for protecting the computer servers in the electrical room? If protection is needed, what form of protection? Once protected, will the equipment overheat?

**Response:** Any work done above the servers in the catwalk areas needs to be protected with plywood flooring to prevent anything from falling through the ceiling on top of the servers. The costs associated with any damage will be borne by the contractor. No work inside the server room is allowed.

**Question:** In regards to the roof at Roberts Hall, what is the roofing material currently existing? What is the thickness of the roof?

**Response:** 2" gypsum planks with 2" insulation with on bulb tee perlins.

**Question:** In regards to the new chiller at Roberts Hall, is there an or-equal that will be acceptable in lieu of Multistack?

***Response:** The unit has been carefully selected and analyzed by the Acoustical Engineer for both sound and vibration to ensure that the Auditorium noise criteria is maintained during operation of the chiller. Any proposed "or equal" chiller would need to have completely matching mechanical and acoustical performance. Costs for any acoustical review would be borne by the contractor.*

**Question:** In regards to the existing chiller at Roberts Hall, do you know what type of refrigerant currently exists to be re-claimed?

***Response:** Existing unit tag is a Trane CRHE750B4BOPOR2C2B0 with a Serial # N06D05484 Please confirm with Trane.*

**Question:** In regards to the new partition wall at Roberts Hall, what is the new wall thickness to be installed? We assume it is 4". CH studs are shaft wall studs but you call out BAT insulation. Is the CH stud void supposed to be filled with sound BAT insulation as called out on the drawings or shaft wall material as the CH studs are shaft wall studs?

***Response:** The stud void should be filled with either glass or mineral fiber insulation in the density range 1-4 lb/cu.ft. Suitable products include sound attenuation batts by CertainTeed or Roxul, or ThermaFiber. Stud width (minimum 4") will depend on gauge, considering the height, as noted on Dwg. H5.0.*

**Question:** In regards to the insulation at Roberts Hall, we have the following questions:

1. Note 1 of the Schedule Notes on page 13 of Section 15250 states the following "Insulate new and **existing** CHW air separators and expansion tanks with 2" of vinyl nitrate and PVC jacketing."
  - a. According to the notes on the demolition plan H3.0, the existing CHW air separators and expansion tanks are to be removed and disposed
  - b. Can you please confirm that there will be no existing CHW air separators and expansion tanks to remain in the Mechanical Room that will require insulation?
  - c. And can the word "existing" be removed from Schedule Note 1?
2. Note 2 of the Schedule Notes on page 13 of Section 15250 states the following "Insulate all **existing** pumps with 2" vinyl nitrate painted white"
  - a. According to the notes on the demotion plan H3.0, the existing pumps will be removed and disposed.
  - b. Can you please confirm that there will be no existing pumps to remain in the Mechanical Room that will require insulation?
  - c. And can the word "existing" be removed from Schedule Note 2?
3. In section 15260 para 3.4, the Duct Insulation Schedule specifies that the interior Supply Air ductwork and Return Air ductwork serving RTU-1 and located in the Catwalk Area is to be externally insulated with Flexible Fiberglass Blanket with an out of package R-Value of R-12.0.
  - a. No flexible fiberglass blanket insulations can achieve R-12 with a single layer application.

- b. Is it your intention for a 2-layer application of flexible fiberglass blanket to be used? Or can the R-Value be lessened to a value achievable with a single-layer application?
  - i. 3" thick, ¾# density Flexible Fiberglass Blanket has an out-of package R-Value of R-10.2 and an installed R-Value of 8.4. This is the highest available R-Value in a single layer fiberglass blanket insulation

**Response:** No existing pumps, expansion tanks or air separators require insulation. All new pumps, expansion tanks or air separators require insulation per the specification requirements. Install 3" of Duct Wrap, .75 lbs/cubic foot in the Cat Walk Area for all (Existing and New) Supply and Return ductwork. Out of Package "R" value of 10.2 and installed "R" value of 8.4

**Question:** In regards to the piping materials and methods to be used at Roberts Hall at RIC, can you please provide a specification for the low pressure condensate (LPC)?

**Response:** See Table below

A. LPC

**MATERIAL:** Carbon Steel (ANSI 150# R.F.)  
**PRESSURE:** Range 166 to 400 psig  
**TEMPERATURE:** Range 32°F to 650 F

Item	Size	Description	Remarks
Pipe	1/2" thru 2"	Carbon steel Schedule 80 ASTM A-106 Grade B seamless threaded & coupled ANSI B36.10	
	2-1/2" thru 16"	Carbon steel Schedule 80 ASTM A-106 Grade B seamless beveled ends ANSI B36.10	
Type of Joint	1/2" thru 2"	Screwed NPT	
	2-1/2" thru 16"	Butt welded	
Fittings	1/2" thru 2"	Malleable iron ASTM-A-197 300# ANSI B16.3 screwed ends black.	
	2-1/2" thru 16"	Carbon steel ASTM A-234 WPB standard weight ANSI B16.9	
Nipples	1/2" thru 2"	Carbon steel ASTM A-106 Grade B Schedule 80 threaded both ends	
Unions	1/2" thru 2"	Malleable iron, 300# class, ASTM A197 Bronze to iron seats.	Note 3
Flanges	1/2" thru 2"	Screwed forged steel ANSI 150# class ASTM A-105 raised face ANSI B16.5.	
	2-1/2" thru 16"	Weld neck forged steel ANSI 150# class ASTM A-105 standard bore raised face ANSI B16.5	
		Exception: Use flat face flanges when mating with flat faced flanges on valves or equipment.	
Gaskets	1/2" thru 16"	11/8" ring gasket Type 316 SS spiral wound Approved Gaskets: Flexitallic style CG with super Flexite filler (Use FF gaskets with FF flanges)	Note 2

Item	Size	Description	Remarks
Thread Sealant		Teflon ribbon ½" wide X 4 mils thick.	
Bolts		Machine Bolts- Carbon Steel ASTM A-307 Grade B; Thread ANSI B1.1 Class 2A; Heavy Hex Nuts- Carbon steel ASTM A-563 Grade A; Thread ANSI B1.1 Class 2B	Note 3
Exception: Use cadmium plated bolts & nuts for outdoor installations			

**Question:**

1. On drawing E4.1 Modified Electrical Single Line Diagram there is only 3- 600Kcmil conductors shown from the bus tap to the line side of the new 450A circuit breaker switch but 4- 600's shown from the load side to the new 225A circuit breakers feeding the RTU's, is a neutral connection required from the line switchboard to the new 450A switch?
2. Is the neutral conductor required for the RTU's? RTU's are listed on the equipment schedule as 208V and not 120/208V.

**Response:** Provide the neutral conductors from the switchboard to the 450 Amp circuit breaker, all other neutral conductors are shown on the wiring diagram.

**Question:** Where will the VFD's for EF-1 & 2 be installed, on the roof next to the fan?

**Response:** The VFD's are shown in the Mechanical Room on Drawing E3.0

**Question:** What is the physical dimension of the existing MDP that is shown to have the interior replaced?

**Response:** The existing tub dimensions are 35½" wide X 70 ¾" high X 11½" deep

**Question:** What is the amperage rating for the new MDP interior?

**Response:** Panelboard MDP is a main lug only, 1200 Amp bus.

**Clarifications:**

- All roof patching and roof work, penetrations, etc. shall be guaranteed for at least 5 years from leakage.
- All HVAC equipment shall carry a minimum warranty of 1 year from date of acceptance. Refer to specifications and schedules for any other extended warranty requirements on equipment or specific parts of equipment.
- Auditorium schedule is attached. Times shown within rectangular boxes indicate time periods when no work can occur that involves or affects the College's use of the auditorium space. Times shown that are circled indicate time periods when the space will be occupied, but work can occur if coordinated at least 5 days in advance with the RIC Project Manager.
- Siemens contact information: Mike Palumbo (Tel. 401-732-4787) or (Cell 401-480-2925)
- The duct sound attenuators model numbers have been changed. See attached revised sound attenuator schedule on next page.

### SOUND ATTENUATOR SCHEDULE

TAG NO.	DESIGN BASIS	LOCATION	MODEL NO.	DESIGN CFM	SIZE (HxWxD)	VELOCITY (FPM)	MAX. DELTA P (IN)	OCTAVE BAND - HZ/DYNAMIC INSERTION LOSS (dB)								REMARKS
								63	125	250	500	1000	2000	4000	8000	
SA S-1	PRICE	RTU-1 SUPPLY DUCT	RM1X120/ZE	12,000	60"x30"x120"	960	.20"	13	18	30	39	46	55	40	20	① ③
SA S-2	PRICE	RTU-2 SUPPLY DUCT	RM1X120/ZE	12,000	60"x30"x120"	960	.20"	13	18	30	39	46	55	40	20	① ③
SA R1-1	PRICE	RTU-1 RETURN DUCT	RM1S4/2D	4,000	30"x20"x84"	-960	.20"	9	13	22	31	42	44	29	16	① ③
SA R1-2	PRICE	RTU-1 RETURN DUCT	RM1S4/2D	4,000	30"x20"x84"	-960	.20"	9	13	22	31	42	44	29	16	① ③
SA R1-3	PRICE	RTU-1 RETURN DUCT	ERM1S4/AE	4,000	20"x18"x84"	-600	.10"	12	17	26	30	41	47	37	24	① ② ③
SA R2-1	PRICE	RTU-2 RETURN DUCT	RM1S4/2D	4,000	30"x20"x84"	-960	.20"	9	13	22	31	42	44	29	16	① ③
SA R2-2	PRICE	RTU-2 RETURN DUCT	RM1S4/2D	4,000	30"x20"x84"	-960	.20"	9	13	22	31	42	44	29	16	① ③
SA R2-3	PRICE	RTU-2 RETURN DUCT	ERM1S4/AE	4,000	20"x18"x84"	-600	.10"	12	17	26	30	41	47	37	24	① ② ③
SA E1	PRICE	UNDER EF-1	ERM1S1/7C	4,000	25"x25"x51"	-920	.10"	7	10	13	16	23	26	20	14	① ② ③
SA E2	PRICE	UNDER EF-2	ERM1S1/7C	4,000	25"x25"x51"	-920	.10"	7	10	13	16	23	26	20	14	① ② ③

- ① FIRM LINED SILENCER
- ② ELBOW SILENCER - LEG LENGTHS TO SUIT FIELD CONDITIONS.
- ③ OTHER ACCEPTABLE MANUFACTURERS:  
A. M.C.  
B. VIBRO ACOUSTICS

NC Roberts Auditorium  
March 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 7:30 AM Elite Performance Challenge <b>6a-11p</b>	2 Summer registration begins for non-degree students 2:00 PM PAS - Prep <b>1p-6p</b>	3 2:00 PM PAS - Prep <b>1p-6p</b>	4 9:00 AM PAS - Load In 7:30 PM Cirque Alfonse TIMBER! - RIC Performing Arts Series <b>7a-11p</b>	5 ACDFA Residency 8:00 AM ACDFA - Concert Tech 1 & 2 Load in 10:00 AM ACDFA - Concert # 1 Tech 1:00 PM ACDFA - Concert # 1 4:00 PM ACDFA Concert # 2 Tech 8:00 PM ACDFA Concert # 2 <b>6a-11p</b>	6 2:00 PM Shake the Ground - Load In / Setup 5:00 PM Shake the Ground, Dance Competition <b>8a-10p</b>	7 ACDFA Residency 9:00 AM Shake the Ground, Dance Competition <b>8a-11p</b>
8 ACDFA Residency 8:00 AM Shake the Ground, Dance Competition <b>8a-10p</b>	9 ACDFA Residency Spring recess begins <b>11a-6p</b>	10 ACDFA Residency 11:00 AM Prep - (ACDFA) <b>11a-6p</b>	11 ACDFA Residency 7:30 PM Keigwin + Company - RIC Performing Arts Series <b>7a-11p</b>	12 ACDFA Residency 8:00 AM ACDFA - Concert Tech 1 & 2 Load in 10:00 AM ACDFA - Concert # 1 Tech 1:00 PM ACDFA - Concert # 1 4:00 PM ACDFA Concert # 2 Tech 8:00 PM ACDFA Concert # 2 <b>6a-11p</b>	13 ACDFA Residency 8:00 AM ACDFA - Concert Tech 3 & 4 Load in 10:00 AM ACDFA - Concert # 3 Tech 1:00 PM ACDFA - Concert # 3 4:00 PM ACDFA Concert # 4 Tech 8:00 PM ACDFA - Concert # 4 <b>6a-11p</b>	14 ACDFA Residency 1:30 PM ACDFA - Informal Concert <b>6a-11p</b>
15 ACDFA Residency 9:00 AM Prep - (ACDFA) <b>6a-11p</b>	16 Classes resume <b>11a-6p</b>	17 <b>11a-6p</b>	18 <b>6a-11p</b>	19 Midsemester grades due 5:00 PM Room Prep prior to Step Up Arrival <b>12p-8p</b>	20 Midsemester grades due 5:00 PM Room Prep prior to Step Up Arrival <b>12p-8p</b>	21 6:00 AM Step Up 2 Dance Competition 2:00 PM Step Up 2 Dance   Load in 5:00 PM Step Up 2 Dance Competition   Solos <b>6a-11p</b>
22 8:00 AM Step Up 2 Dance Competition   Groups and Awards <b>6a-11p</b>	23 <b>11a-6p</b>	24 <b>11a-6p</b>	25 8:00 AM Spring Show 2015, SBRI - Load In 11:00 AM Spring Show 2015, SBRI - Set up <b>7a-11p</b>	26 9:00 AM Spring Show 2015, SBRI - Tech Time 3:30 PM Spring Show 2015, State Ballet of Rhode Island - Rehearsal <b>7a-11p</b>	27 Last day to withdraw from courses w/o permission 10:00 AM Spring Show 2015, State Ballet of Rhode Island - Matinee 7:30 PM Spring Show 2015, State Ballet of Rhode Island - Show 1 <b>7a-11p</b>	28 1:30 PM Spring Show 2015, State Ballet of Rhode Island - Show 2 <b>7a-11p</b>

NC Roberts Auditorium  
March 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	31				
	Fall registration begins 12:00 PM RIC Theatre - Scenery Building 11a-6p	12:00 PM RIC Theatre - Scenery Building 11a-6p				

NC Roberts Auditorium  
April 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
			12:00 PM RIC Theatre - Scenery Building <b>11a-6p</b>	12:00 PM RIC Theatre - Scenery Building <b>11a-6p</b>	12:00 PM RIC Theatre - Scenery Building <b>11a-6p</b>	12:00 PM RIC Theatre - Scenery Building <b>11a-6p</b>
5	6	7	8	9	10	11
12:00 PM RIC Theatre - Scenery Building <b>11a-6p</b>	12:00 PM RIC Theatre - Scenery Building <b>11a-6p</b>	12:00 PM RIC Theatre - Scenery Building <b>11a-6p</b>	12:00 PM RIC Theatre - Scenery Building <b>11a-6p</b>			
12	13	14	15	16	17	18
12:00 PM RIC Theatre - Scenery Building <b>11a-6p</b>	12:00 PM RIC Theatre - Scenery Building <b>11a-6p</b>	12:00 PM RIC Theatre - Scenery Building <b>11a-6p</b>	12:00 PM RIC Mainstage - Scenery Building 7:30 PM RIC Theatre - Mainstage Preview <b>11a-11p</b>	7:30 PM GODSPELL Performance #1 <b>11a-11p</b>	7:30 PM GODSPELL Performance #2 <b>4-11p</b>	2:00 PM GODSPELL Performance #3 7:30 PM GODSPELL Performance #4 <b>11a-11p</b>
19	20	21	22	23	24	25
2:00 PM GODSPELL Performance #5 <b>11a-6p</b>	12:00 PM RIC Theatre, Strike <b>11a-6p</b>	12:00 PM RIC Theatre, Strike <b>11a-6p</b>				
26	27	28	29	30		
	10:00 AM Cap & Gown Marshals Meeting <b>9a-2p</b>		Cap and Gown Convocation 12:00 PM Cap and Gown Convocation <b>8a-4p</b>			



NC Roberts Auditorium  
May 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
17	18	19	20	21	22	23
3:00 PM LIBYO Concert 12p-6p	Summer Session I begins			11a-6p	Last day for adding courses or dropping a course 6a-3p 7:30 AM Chamber Theatre - Load In 10:30 AM Eureka, Chamber Theatre Productions 12:30 PM Chamber Theatre - Load Out	
24	25	26	27	28	29	30
	Memorial Day	11a-6p	11:00 AM Miss Rhode Island/Outstanding Teen Program 10a-8p	11:00 AM Miss RI - Setup 10a-8	8:00 AM Miss RI - Load In 3:00 PM Miss RI - Rehearsal 6:00 PM Miss RI 6a-11p	9:00 AM Miss RI - Tech Rehearsal 7:00 PM Miss RI 6a-11p
31						
8:00 AM Dynamic Dance Academy - Rehearsal 6a-11p						

Solicitation # 7549307

Solicitation Title: HVAC Upgrades Project, Roberts Hall, RI College

**BID FORM (REVISED 3/4/15)**

To: The State of Rhode Island Department of Administration  
Division of Purchases, 2<sup>nd</sup> 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: Roberts Hall - HVAC Upgrades  
Rhode Island College  
600 Mount Pleasant Ave  
Providence, RI 02908

**1. BASE BID PRICE**

- A. The Bidder submits this bid proposal to perform all of the work (including labor and materials) 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)

B. Allowances for unit price items = **+ \$50,000.00**

**BASE BID PRICE TOTAL (SUM OF A +B) = \_\_\_\_\_**

Solicitation # 7549307

Solicitation Title: HVAC Upgrades Project, Roberts Hall, RI College

- **Allowances**

1. Allowance of \$50,000.00 for unit price items included in #3 Unit Prices:

- Notes:
- A. Any unit price allowance work shall be reviewed and approved by the RIC Project Manager before work is started. Contractor to provide cost estimate with detailed breakdown for approval.
  - B. Any portion of the allowance not used during construction shall be credited to the Owner.
  - C. Unit price work is to be used for unforeseen project conditions only

- **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

Solicitation # 7549307

Solicitation Title: HVAC Upgrades Project, Roberts Hall, RI College

amount set forth below for each Alternate selected.

Check "Add" or "Subtract."

Description of Alternate No. 1:

\_\_\_ Add \_\_\_ Subtract Alternate No. 1:

New gypsum wallboard ceilings in the Electric Room (160 s.f.) and Storage Room (100 s.f.)

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

**3. UNIT PRICES**

The Bidder submits these predetermined Unit Prices as the basis for any change orders approved in advance by the State. These Unit Prices include ***all*** costs, including labor, materials, services, regulatory compliance, overhead, and profit.

- 1. Fire Protection Piping Relocations: \$ \_\_\_\_\_/LF
- 2. Electrical Conduit Relocations: \$ \_\_\_\_\_/LF
- 3. Plumbing Piping Relocations: \$ \_\_\_\_\_/LF
- 4. Hot Water or Chilled Water Piping Relocations: \$ \_\_\_\_\_/LF
- 5. Steam and Condensate Piping Relocations: \$ \_\_\_\_\_/LF
- 6. Ceiling Removal and Reinstallation: \$ \_\_\_\_\_/SF

Solicitation # 7549307

Solicitation Title: HVAC Upgrades Project, Roberts Hall, RI College

**4. CONTRACT TIME**

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

- Start of construction: Date of PO Issuance
- Completion of asbestos abatement, order major equipment and demo of heating system : May 22<sup>th</sup> 2015
- Auditorium RTU's installed and work in this area 100% complete:  
August 21<sup>th</sup> 2015
- Heating systems 100% completion: September 18<sup>th</sup> 2015
- Substantial completion: December 18<sup>th</sup> 2015

Note 100% complete means fully operational and commissioned with acceptance/sign off of system by RIC and Engineer of Record. Beneficial use does not mean the system has been accepted by the Engineer of Record.

**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: \$ 750.00 per day. The bldg. heating system needs to be back online and fully operational by September 18<sup>th</sup>. If the system is not operational by September 18<sup>th</sup> this contractor shall be responsible for all costs associated with providing a rental boiler to heat the bldg. This shall include all rental costs, fuel oil costs, start-up tests, electrical, plumbing, temporary steam and condensate piping with supports and insulation, backflow preventers, certification, stationary engineer costs, boiler stack installation above roof line etc.. as needed to make the heating system fully operational. Any emissions and boiler permitting and costs will also be the responsibility of this contractor.

Solicitation # 7549307

Solicitation Title: HVAC Upgrades Project, Roberts Hall, RI College

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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