



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
September 19, 2013

ADDENDUM # 8

RFQ# 7458377PHASE3

Title: GENERAL CONTRACTOR - CENTER FOR CHEMISTRY & FORENSIC SCIENCES
UNIVERSITY OF RHODE ISLAND

BID OPENING: THURSDAY SEPTEMBER 26, 2013 AT 11:00 AM (Local Prevailing Time)

Notice to Vendors:

ATTACHED INCLUDES:

- 1 – Sign in sheet from non-mandatory pre bid conference held on 9/12/2013
- 2- Additional information including questions received with responses. No further questions will be answered.
- 3 – Updated Bid Form

**INTERESTED PARTIES SHOULD MONITOR THE WEBSITE FOR ANY INFORMATION
CONTRACTORS MUST COMPLY WITH THE STATE'S PUBLIC COPY REQUIREMENT**

Thomas Bovis
Interdepartmental Project Manager



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

BID NUMBER: 748377PHSE 3
 BID TITLE: GENERAL CONTRACTOR CENTER FOR CHEMISTRY URI
 PRE-BID DATE AND TIME: 9/12/2013 9:00

Purchasing Representative
 THOMAS BOVIS
 Pre-Bid START TIME: 9:00 AM
 Pre-Bid END TIME: 9:30 AM

COMPANY/NAME	COMPANY/REPRESENTATIVE	SIGNATURE	ADDRESS	CONTACT EMAIL	CONTACT PHONE NUMBER AND CONTACT FAX NUMBER	PROPOSAL SUBMITTED FOR PURCHASING USE (Only)
1 ROYANCO PIPING SYSTEMS	(TEEP.) BOB FASAND	R. DiSano	13 EASTMAN RD HULL, WA 02045	RFASAND@PIPING.COM	781-925-1559	
2 BACON Const.	Thomas Donnell	Thomas Donnell	241 AUBURN ST BAPTIST DR. EAST PROVIDENCE RI	TDONNELL@BACONCONST.COM	401-431-1200	
3 DIMBO CONST.	CHRIS DIMORE	Chris Dimore	75 CHAPMAN ST PROVIDENCE RI	cdimore@dimbo.com	(401) 330-2274	
4 LEBOGAT	MARK FISHER	Mark Fisher	525 PLAINS RD KUNDESTOP	FRUBER@LEBOGAT.COM	401.874.2725	
5 URI/OCF	PAG DEFACE	Pag DeFace				
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

University of Rhode Island
New Center for Chemistry & Forensic Science
Kingston, Rhode Island

RFQ #7458377PHASE3

BID DOCUMENTS – PHASE 3 ADDENDUM No. 8

The attention of Pre-qualified Contractors submitting Request for Bids for the subject project at The University of Rhode Island is called to the following addendum to the **Request for Bids**. The items set forth herein, whether of omission, addition, substitution, or clarifications are all to be included in and form a part of the proposal submitted.

This addendum modifies and becomes a part of the University of Rhode Island New Center for Chemistry & Forensic Science – Bid Documents dated 17 October 2012 (Issued 12 March 2013) as indicated below.

All work called for shall comply with requirements for similar work unless otherwise specified.

This Addendum includes the following:

GENERAL

This Addendum includes Civil, Geotechnical, Landscape, Architectural, Structural, Plumbing, Fire Protection, Mechanical and Electrical modifications to drawings and specifications. Drawing modifications may include new drawings, reissued drawings, and sketches showing revisions to existing drawings or written descriptions of revisions to existing drawings or specifications.

GENERAL REQUIREMENTS

Delete the below listed, previously issued document in its entirety and substitute the below listed document, attached to and made part of this addendum.

DOCUMENT 00410 – BID FORM

ARCHITECTURAL

SPECIFICATIONS – 075200 MODIFIED BITUMINOUS MEMBRANE ROOFING

- Substitution Request - Johns Manville Co. will be considered an “or equal” Manufacturer for the Modified Bituminous Membrane Roofing system provided the products meet or exceed the requirements of Spec. 075200 and 01 2500

BID DOCUMENTS – PHASE 3 ADDENDUM No. 8

BIDDER QUESTIONS & RESPONSES

1. **Q.** On drawing S2.31, there is different shading for east side of the 5 line within a cloud. Type of the decking is same and it does not appear to be a different elevation. Please clarify what's happening here?
A. This area should be labeled as deck type "D2". The slab thickness is increased to 7" total thickness in this area, similar to the floor below.

2. **Q.** The new specification Section 033000 specifies barrier one at levels 1, 2 and 3. However addendum #5 narratives, page 8 calls for barrier one at levels, 1, 2, 3, 4 and penthouse only. Please clarify.
A. The narrative response within Addendum 5 is correct – Provide Barrier One or equal for Level 1, 2, 3, 4 & PH.

3. **Q.** In order to estimate the labor to install the fixed auditorium seating many subcontractors have been asking what brand of chair will be used for the fixed auditorium seating.
A. Assume the seating brand to be American Seating Inc. as indicated as the Basis of Design per 126100 – Par 2.2.A

4. **Q.** We have noticed per Sheet A9.50 that the wood door and drawer fronts on the lab case work are detailed as having horizontal grain. This is not standard, although it can be provided. Kewaunee Scientific casework, which is the basis of design for this project, uses vertical grain veneer. We also noticed that in Addendum 5 item X36 the grain orientation on wood doors (not casework) was changed from horizontal to the more typical vertical. Please clarify whether grain orientation on laboratory casework is to remain horizontal as detailed.
A. Grain orientation is to be vertical.

5. **Q.** Drawing S0.00 Paragraph VI #6 states that all new steel will receive one coat of an approved shop primer and the surface preparation prior to painting shall be a SSPC SP6. Is SSPC SP3 and acceptable surface preparation prior to priming?
A. Yes, SP3 is acceptable.

BID DOCUMENTS – PHASE 3 ADDENDUM No. 8

6. **Q.** Please confirm that maintenance anchors and life lines are required on the (3) lower roofs shown on drawing A2.51.
A. Confirmed – They are required as shown – Reference Drawing 8 & 9/A8.53.
7. **Q.** Drawing L1.02 Library Plaza Enlargement states "Security Gate & Bollards see Security Drawings". This is not shown on the security drawings. Should we assume this is by the owner?
A. Refer to Civil Demolition Drawings C3.01 and C3.02 for Security Lift Gate and Appurtenances scope locations. Drawing C3.01 - White Hall -The security gates and associated equipment located near White Hall are existing. They are to be removed and shall be turned over to the owner. The electrical contractor shall cut back and make safe all associated wiring and conduit back to the power source and label breaker in the panelboard as spare. Refer to Civil drawing C3.01 for additional information. Drawing C3.02 - Rodman Hall - The security gate located near Rodman Hall is existing and is to be relocated. The electrical contractor shall extend the existing wiring and conduit as required so as to provide a complete and operational installation. Exact location shall be coordinated in the field, refer to Civil drawing C3.02 for additional information.
8. **Q.** Section 055200 Metal Railings Paragraph 2.11 B specifies the finish for exterior steel railings to be Galvanized and shop primed. We assume finish coats will be completed under Section 099000 Painting. Drawing Detail 1/L5.04 specifies that all steel handrails shall be galvanized and painted. Section 323000 Site Improvements Paragraph 2.9.c.4 specifies that the exterior handrails shall be galvanized and have a "powder coated" finish. Please clarify what is the correct finish for the exterior steel handrails.
A. All site steel handrails, excluding the Podium Guardrails which are stainless steel, shall be hot dipped galvanized and powder coated "black" prior to delivery to the site. All ASTM standards for hot dip galvanizing and powder coating shall be followed.
9. **Q.** Drawing L2.02: At the south podium stairs there is a railing designation #1 which refers us to detail 1/L5.04 for a painted galvanized stair railing. Detail 1/L5.04 is a single line rail. Drawing L4.04 shows the south podium stairs to be a multi-line guard rail. Please clarify what is the detail for these stair railings?

BID DOCUMENTS – PHASE 3 ADDENDUM No. 8

A. South podium stair rails (both sides) shall match Architecturally detailed Podium guardrails (See 16/A8.45) but shall also have a continuous grab rail set 2'-10" from top of stair nosing and inset from guardrail post 1 ½" clear, similar to ramp handrail configuration, detail 3/L5.04 and 3/A8.33 – all components to be stainless steel at this location. Given the vertical drop adjacent to the stairs in these locations, a guardrail is required.

10. **Q.** Revised RCP A6.31 continues to show enlarged RCP 4/A6.32 for lounge 302A. The enlarged RCP however has not been revised to show the changes made on A6.31 (Addendum #5). Please advise if this room is to receive shades or not.
A. Darkening shades, pocket and cove are still required at this location per detail 2/A9.33 Sim. Locate the edge of chilled beam 1'-6" east of the vertical face of the cove or 3'-0" from the window frame.
11. **Q.** Drawing A9.73 Detail 2 Enlarged Plan Write Up. At the wall between the write up room and the lab space there is a detail marked 2/A9.74. Shouldn't this detail be marked as 3/A9.74?
A. Yes
12. **Q.** Specification Section 08 4225 All glass Doors & Partitions. Where on the plans are the all glass entrances and doors?
A. All glass doors and partitions no longer exist in the project. Delete Section 08 4225.
13. **Q.** Drawing A4.21A Exterior Roof Access door # 202G (HM Door w/ HM Frame) has been deleted in Addendum #5. The door has been replaced by a door built into the curtain wall per elevation CW1B/A8.05. The door schedule on A9.20 has not been revised. What is the door number for this revised door? What is the door/frame material and hardware set?
A. This access to the roof was revised as part of the elimination of the lounge area at the west end of the corridor. The new door is part of the aluminum curtain wall system and should remain numbered 202-G . Revise A9.20 Door Schedule information to be of aluminum construction with painted finish – Refer to Spec. Section 08 4410 and coordinate HW Set HW-34.

BID DOCUMENTS – PHASE 3 ADDENDUM No. 8

14. **Q.** Addendum #5 changed the exterior wall panels on the penthouse from a metal rain screen panel specified in Section 07 4215 Metal Plate Panels to a standing seam panel specified in Section 074113 Metal Roofing & siding Panels. Should Section 07 4215 Metal Plate Panels be deleted?
A. Yes – Delete Section 07 4215.
15. **Q.** Specification Section 075200 Modified Bituminous Roofing Paragraph 2.5 specifies Roof Expansion Joints. Where are the roof expansion joints?
A. There are no roof expansion joints required per the design unless specifically required by the System Manufacturer.
16. **Q.** Addendum #5, Item X58: "Revise Finish Material and Support System at Classrooms 100 and 105. Should we assume this also includes the ceilings in Rooms 100A & 105A?
A. Yes this would include Rooms 100A & 105A.
17. **Q.** Addendum #5, Item X58, Revised Specification Section 098410: Is it safe to assume the revised basis of design Armstrong Soundsoak 85 will be used for the ceiling and wall fabric wrapped acoustical panels? They will just have different fabric finishes between FAB #1,3 & 6.
A. Yes – Different finishes and sizes.
18. **Q.** Drawing A9.67 shows a perforated metal ceiling panel around the snorkels and the lab bench service risers. These perforated metal ceiling panels are shown on the reflected ceiling plans and are identified in the ceiling legend but they are not in the acoustical ceiling specification. Could you please provide a manufacturer, specification and finish for these perforated metal ceiling panels?
A. Refer to Details 2/A9.66 and 4/A9.67 for specification and pattern information. Product to be Armstrong "Metalworks" or equal – custom fabrication is acceptable.
19. **Q.** Drawing A9.70 General Chemistry Lab Benches: The HVAC plans (4/H6.05) show a stainless steel exhaust duct drop down to the bench. We assume the stainless steel duct enclosure w/ the service door is considered a service chase and will be furnished and installed under Section 12 3555 Laboratory Furniture. Please confirm!

BID DOCUMENTS – PHASE 3 ADDENDUM No. 8

A. Yes - It is the intent that this enclosure be provided under specification 12 3555 Laboratory Furniture.

20. **Q.** Drawing A9.70 General Chemistry Lab Benches: The details for these benches show a vented chamber/exhaust plenum between the benches and is connected to the exhaust riser noted in Question #2 above. Is it safe to assume that the exhaust plenum/vented chamber and the linear slot diffuser w/ grill and damper are by the HVAC subcontractor? The ductwork and the linear diffusers do not appear in detail 4/H6.05.

A. The stainless steel grilles, vented chamber and plenum assembly is integral with the lab casework and is intended to be furnished under Spec. Section 12 3555. Coordination between trades and scopes of work will be the responsibility of the General Contractor.

21. **Q.** The curtain wall manufacturers have requested the live load deflection per floor. Please provide the live load deflection per floor.

A. Floors have been designed for a maximum of L/360 deflection.

22. **Q.** Addendum #5 (PH2) deleted the hurricane resistance requirement however the wind load is still based on 115 mph basic wind speed. Is this still correct?

A. Refer to the revised table as part of Question #24 Response as included within this Addendum.

23. **Q.** Addendum #5 (PH2) item X39 Sheet A8.63 was referenced as changed but not included in Addendum #5 drawings.

A. Item X39 – Drawing 14/A8.63 was “referenced” as a required change but was not indicated as a revised drawing included with the Addendum. The intent is to simply delete the Fincap expression as shown in the detail.

24. **Q.** The structural drawings list wind loads at 60 psf typical and 98 psf at the corners. A curtain wall supplier ran the wind load calculations based on the criteria they listed and got a very different result. Could you please confirm that the wind loads listed on the structural drawings is accurate?

BID DOCUMENTS – PHASE 3 ADDENDUM No. 8

A. These loads were based on FM Global requirements which no longer apply; therefore, use wind load requirements based on the RI Building Code. See the revised table 11.5.1 below.

TABLE II.5.1 COMPONENTS AND CLADDING WIND PRESSURE LOADS ON BUILDING (BELOW PENTHOUSE)

EFFECTIVE WIND AREA (SF)	ROOF LOADS						WALL LOADS			
	ZONE 1		ZONE 2		ZONE 3		ZONE 4		ZONE 5	
	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG
10	+5.5	-48.5	+5.5	-76.1	+5.5	-103.8	+33.2	-33.2	+33.2	-60.8
20	+5.5	-45.7	+5.5	-72.5	+5.5	-98.9	+33.2	-33.2	+33.2	-60.8
50	+5.5	-42.1	+5.5	-67.2	+5.5	-92.4	+30.4	-31.3	+30.4	-53.7
100	+5.5	-39.6	+5.5	-63.5	+5.5	-87.5	+28.6	-30.1	+28.6	-48.5
500	-	-	-	-	-	-	+23.9	-27.0	+23.9	-36.2

TABLE II.5.2 COMPONENTS AND CLADDING WIND PRESSURE LOADS AT PENTHOUSE

EFFECTIVE WIND AREA (SF)	ROOF LOADS						WALL LOADS			
	ZONE 1		ZONE 2		ZONE 3		ZONE 4		ZONE 5	
	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG
10	+18.1	-64.2	+18.1	-93.8	+18.1	-123.4	+47.7	-47.7	+47.7	-77.3
20	+18.1	-61.2	+18.1	-89.8	+18.1	-118.1	+47.7	-47.7	+47.7	-77.3
50	+18.1	-57.2	+18.1	-84.2	+18.1	-111.2	+44.7	-45.7	+44.7	-69.7
100	+18.1	-54.6	+18.1	-80.3	+18.1	-105.9	+42.8	-44.4	+42.8	-64.2
500	+18.1	-81*	+18.1	-118*	+18.1	-155*	+37.8	-41.1	+37.8	-51.0

NOTES:
 1. POS - INDICATES POSITIVE PRESSURE (INWARD OR TOWARD THE SURFACES)
 2. NEG - INDICATES NEGATIVE PRESSURE (OUTWARD OR AWAY FROM SURFACES)

25. **Q.** Schedule drawing# P10.01, Symbol BP-1 triplex system: Spec section 221 123.03 page 2 of 9 calls out 100 GPM each pump at 80 PSI, 3HP. Could you please provide the inlet pressure to the triplex pump package?

A. The hydrant flow test indicates 68psi Static, 54 residual while flowing 1190 gpm. Based on this flow it appears that the pressure at the building entrance will be approximately 54 psi under design flow conditions.

26. **Q.** Specification Section 05 5010 and Section 06 4050 both specify Counter Top or Bench top support brackets. Both specification sections refer to a pre-manufactured powder coated aluminum bracket. On the drawings in rooms 003, 183, and 180 it shows Stainless Steel counter top support brackets. Which one is correct the specifications or the drawings?

A. Provide powder coated aluminum at all referenced locations.

BID DOCUMENTS – PHASE 3 ADDENDUM No. 8

27. **Q.** Drawing detail 8/A9.71 shows counter top support brackets at the Orgo Chemistry Benches. Is it safe to assume these brackets are the pre-manufactured powder coated aluminum brackets per Section 06 4040?
A. Yes.
28. **Q.** Specification Section 06 4110 specifies "lecterns". The drawings for rooms 100 & 105 state "see AV drawings". Is it safe to assume that the lecterns will be furnished and installed as part of the audio visual?
A. The lecterns will be Owner Furnished.
29. **Q.** Section 11 5070 Fume Snorkels: The basis of design fume snorkel ceiling tube column (MTI by Movex) is manufactured as anodized aluminum. The drawings detail 1/A9.67 specifies that the column will be stainless steel. All the other specified alternative manufactures make the fume snorkel tube column as anodized aluminum or powder coated steel. Stainless steel does not appear to be an option. Will anodized aluminum or powder coated steel be acceptable?
A. Anodized aluminum is acceptable and the proffered finish with powder coated steel to match the casework as an option only in the event that anodized aluminum is not available within a manufacturer.
30. **Q.** Specification Section 08 4100 Entrances & Storefronts Paragraph 2.3 specifies that the entrance doors be "aluminum". The doors schedule A9.20 specifies that several of the entrance doors be "Stainless Steel". Which one is correct the specifications or the drawings?
A. Provide Aluminum doors per Specification Section 08 4100.
31. **Q.** Will a revised Bid Form be issued as part of this addendum and the corresponding answers?
A. Yes. See the revised Bid Form attached to this document.

END OF PHASE 3 ADDENDUM NO. 8

DOCUMENT 00410 - BID FORM

Date: _____

To: Dept. of Administration
Division of Purchases
One Capitol Hill
Providence, RI 02908

Project: New Center for Chemistry & Forensic Science
University of Rhode Island, Kingston Campus

Submitted by: _____
(include address,
tel. & FAX nos., _____
and license no. _____
if applicable) _____

1. BID

Having examined the Place of The Work and all matters referred to in the Bid Documents and in the Contract Documents prepared by *Wilson Architects Inc.* for the above mentioned project, we, the undersigned, hereby offer to enter into a Contract to perform the Work for the Sum of:

_____ (\$ _____.)
(written, and numerically)

- We have included the specified Allowances from Section 01200 in Division 1 of the Specifications in the above Bid sum as follows:

1. Unknown Existing Materials Investigation, Abatement, & Repair Allowance - \$40k
2. Structural Repair Allowance - \$40k
3. MEP Repair Allowance - \$40k

Total Allowances \$120,000.00

- We have included the required Bid security in the above Bid Sum. We have included 100% Payment and Performance Bonds in the above Bid Sum.
- We have included the original Bid and required additional “**public copy**” if required by Document 00210 – Supplemental Instructions to Bidders.

2. ALTERNATES

We propose to modify the above Bid Sum by the following amount(s) as identified by (a) numbered Alternative(s) specified in Section 01200 of the Specifications, and as may be selected by the Owner:

H4 – Add White Hall Water Plant Changes

Add: _____ (\$ _____)

H6 – Add AHU #4 and Associated Work

Add: _____ (\$ _____)

A7 – Add Full Build-out of Level 4

Add: _____ (\$ _____)

A8 – Add Full Build-out of General Chemistry Teaching Labs 135, 145, 235 & 245

Add: _____ (\$ _____)

3. UNIT PRICES

Refer to Section 31 0000 – Earthwork for specified unit prices/SF for each as noted for the following items:

1. Unsuitable Soils
2. Bulk Rock
3. Trench Rock

4. ACCEPTANCE

This offer shall be open to acceptance and is irrevocable for sixty days from the bid closing date. If this bid is accepted by the Owner within the time period stated above, we will:

- Proceed under the Agreement, subject to compliance with required State regulatory agency approvals as described in the Bid Documents.
- Furnish the required bonds in compliance with amended provisions of the Instructions to Bidders.
- Commence work within seven days after receipt of a Purchase Order from URI Purchasing.

If this bid is accepted within the time stated, and we fail to commence the Work, or we fail to provide the required Bonds, the security deposit shall be forfeited to the Owner by reason of our

failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which a Contract is signed.

In the event our bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

5. CONTRACT TIME

If this Bid is accepted, we will achieve Substantial Completion of the Work by *December 1, 2015*. We have included all premium time or additional staffing required to accommodate this schedule.

6. LIQUIDATED DAMAGES

Time is of the Essence: If we fail to achieve certification of Substantial Completion at the expiration of the agreed upon Contract Time indicated above, we acknowledge that we will be assessed Liquidated Damages for each calendar day the project continues to be in default of Substantial Completion, as follows:

\$ 1000.00 per calendar day.

7. REQUIREMENT FOR LICENSE NUMBER

In compliance with the requirements of Rhode Island General Law, Section 5-65-23, my Rhode Island license number for the work to be performed by this firm as prime contractor is:

LICENSE NUMBER: _____.

8. ADDENDA

The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.

Phase 2 Addendum No. 1, dated _____.
Phase 2 Addendum No. 2, dated _____.
Phase 2 Addendum No. 3, dated _____.
Phase 2 Addendum No. 4, dated _____.
Phase 2 Addendum No. 5, dated _____.
Phase 3 Addendum No. 1, dated _____.
Phase 3 Addendum No. 2, dated _____.
Phase 3 Addendum No. 3, dated _____.
Phase 3 Addendum No. 4, dated _____.
Phase 3 Addendum No. 5, dated rescinded _____.
Phase 3 Addendum No. 6, dated _____.
Phase 3 Addendum No. 7, dated _____.
Phase 3 Addendum No. 8, dated _____.

9. BID FORM SIGNATURE(S)

(Bidder's name)

By: _____

Title: _____

Corporate Seal:

END OF DOCUMENT