



BID# 45028

ROOF REPLACEMENT – DONOVAN DINING CENTER & STUDENT UNION AT
RHODE ISLAND COLLEGE

ADDENDUM 1

3/13/17

- **Pre-Bid Meeting Sign In Sheet**
- **Addendum to Project Manual and Drawings**
- **Revised Bid Form**
- **FM Global Checklist**
- **Donovan Dining Center RTU Locator Plan**

RHODE ISLAND COLLEGE - "MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET
 BID# 45028 - BID TITLE: DONOVAN DINING CENTER STUDENT UNION ROOF REPLACEMENT - RIC

3/6/17 @ 9:00 AM
 PRE-BID START TIME: 9:00 am PRE-BID END TIME: 9:55 am

Company	Representative	Address	Email	Phone
1. RIC	Jessica Cincotta	600 Mt. Pleasant Ave Providence, RI 01908	jcmajili@ric.edu	401-456-8047
Commercial Roofing	Miller	360 Kennedy Dr Providence, RI 02906	coz@comroofing.com	860-928-9299
William Starck Architects, Inc	Geoffrey Northrup	124 Cove St, Fall River, WA 10 Pennine St, Prov, RI	Gnorthrup@starckarchitects.com	(508) 679-5733
Dennis White Chewney Roofing Inc	Dennis White	604 Stanford Rd Westport MA 02720	Kaybiki@chewneyroofing.com	508 674 2820
Apollo Roofing	PAT hennan	316 Lockwood ST Provi.	PJ@apollooroofing RI.com	(401) 274-6620
5.				
6. Sarnatal	Faye Nae	200 Den Rd Cedron, MA	Nae.David@us.sika.com	508-455-8637
7. Eagle Corvics Co	Joe Brailon	89 Pataconset Ave Cranston, RI 02920	JOE@EAGLECORVICS.COM	401-781-5778 x105
8. Silkdown Roofing	Ryan Rivers	134 Ferry St. South Grafton MA 01560	ryanrivers@silktownroofing.com	508-877-8908
9. Leon Construction Group	EO Foirice	875 CENTERVILLE RD. WRENTHAM RI	ESTIMATOR@LEON.CON	401-481-8890
10. RIC	METRO PATRICE	600 N PATTANSON AVE PROV RI	A.PATRICE@RIC.EDU	401-456-8207
11. RIC	MARK M. PAONECCI	600 MT PATTANSON AVE PROV RI	M.PAONECCI@RIC.EDU	401-456-8085



WILLIAM STARCK ARCHITECTS, INC.

ADDENDUM #1
TO THE PROJECT MANUAL AND DRAWINGS

Roof Replacement at
Rhode Island College
Donovan Dining Center (DDC) &
Student Union (SU)
Providence, Rhode Island

WILLIAM STARCK ARCHITECTS, INC.
126 Cove Street, Fall River, Massachusetts 02720
10 Dorrance Street, Providence, Rhode Island 02903

March 13, 2017

This Addendum shall be added to and become part of the drawings and project manual, dated February 10, 2017, for the above-referenced project.

- ITEM #1** Unit Prices shall be per Section 012200, Unit Prices. Bidders shall submit the revised Bid Form, attached, in place of the Bid Form included as part of the Solicitation.
- ITEM #2** The Allowances to be included in the Base Bid Price shall be as listed on the Bid Form (\$20,000 for Repairs to roof decking and structure; and \$5,000 for Replacement of HVAC filters). Disregard the Allowances as listed in Section 012000, Price and Payment Procedures.
- ITEM #3** The selected Contractor will be required to complete and submit the attached Checklist for Roofing System, form X2688 to FM Global. The selected Contractor will be provided with this form in Microsoft Word format. Architect will provide Contractor with RoofNav assembly numbers for the specified roof systems; however, Contractor will be responsible for obtaining all RoofNav assembly numbers should the roof system manufacturer to be utilized be changed through an 'or-equal' Substitution, in accordance with the Bid Documents.
- ITEM #4** The following FM Global requirements shall be followed by the Contractor for the duration of the project:
- a. Limit the amount of combustibles in the construction area and provide good housekeeping standards. Dispose of combustible rubbish safely and promptly.
 - b. Avoid hot work if possible. If hot work cannot be avoided, hot work performed shall be properly documented using FM Global's Hot Work Permit System. Have fire extinguishers and hoses connected to hydrants when performing hot work as a fire protection precaution.



- c. Install only as much roof insulation that can be covered with roof membrane in a single working day, or prior to the expected start of inclement weather. Seal loose roof cover edges at the end of each day to minimize potential moisture damage.
- d. Do not allow smoking on the roofs at any time. Smoking should be permitted only in safe designated areas provided with adequate disposal containers. Posted smoking policy signs should be provided throughout the area.
- e. Have a minimum of two (2) 10 lb. ABC fire extinguishers available during construction.

ITEM #5 The parking lot between the Donovan Dining Center and Horace Mann has been approved to be used as the staging area for the Contractor.

ITEM #6 Access on the Quad shall be limited and shall be requested for approval at least seven (7) days before access is needed. Request shall include a site plan showing the requested area, pedestrian control plan (fencing/cones), duration of work on the Quad.

ITEM #7 The two (2)-week look-ahead shall include a site plan demonstrating where staging and access is required outside of the approved parking lot area and any changes to pedestrian traffic flows. The Owner reserves the right to request modifications to the site usage plan to accommodate school activities.

ITEM #8 The College will be engaging the services of a mechanical vendor through a separate contract for the replacement of three (3) rooftop units (RTU-1, RTU-2 and RTU-3), as shown highlighted on the attached A-1.4 sketch. The Contractor will be responsible for coordinating such RTU replacement work with this mechanical vendor, as well as the installation of the three (3) curbs.

The Contractor's scope of work will be modified as follows:

- a. The mechanical vendor will remove the existing rooftop units RTU-1, RTU-2 and RTU-3 as well as the roof curbs for these units. After the units are removed, the Contractor will be responsible to provide a temporary weatherproof covering for the holes in the roof left by the removal of the RTUs.
- b. The mechanical vendor will supply to the Contractor three (3) custom-fabricated roof curbs. These curbs will be approximately the same size of the existing roof curbs. The roof curbs shall be rigged into place by the Contractor, secured to the roof deck and flashed into the new roofing system as shown on the Contract Drawings. The Contractor shall provide a temporary weatherproof covering for penetrations in the roof after the curb is installed.



WILLIAM STARCK ARCHITECTS, INC.

- c. The Contractor shall be responsible for the removal of the temporary weatherproofing. The mechanical vendor will install the RTUs. The Contractor shall seal the RTUs to the roofing membrane so as to provide a weather-tight seal.

ITEM #9 As indicated in the Project Documents, the satellite dish at the Student Union Roof, including post and mounting hardware, shall be removed and disposed of by the Contractor.

ITEM #10 Test cut information is provided in the Project Manual.

ITEM #11 For clarification, tapered insulation shall be 1/8" per foot. All crickets shall have a pitch of 1/2" per foot.

ITEM #12 At Roof Levels 3A and 3B, Contractor shall lift/pull back base flashing at the curtain walls, clean out and ensure that existing weep holes are free of any debris and properly reset flashing in place.

Solicitation #:45028

Solicitation Title: Rhode Island College – Roof Replacement at the Donovan Dining Center and Student Union, Rhode Island College

BID FORM (revised)- Part of Addendum No. 1

To: Rhode Island College
Purchasing Office, Building 5 – East Campus
600 Mt. Pleasant Avenue, Providence, RI 02908

Bidder:

Legal name of entity

Address (street/city/state/zip)

Contact name

Contact email

Contact telephone

Contact fax

1. BASE BID PRICE

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

Part 1: Work Related to the Student Union and Connecting Bridge

\$ _____
(cost of this part in *figures* printed electronically, typed, or handwritten legibly in ink)

Part 2: Work Related to the Donovan Dining Center

\$ _____
(cost of this part in *figures* printed electronically, typed, or handwritten legibly in ink)

TOTAL BID AMOUNT: (Shall Equal Part 1 & Part 2 Added Together)

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

(base bid price in *words* printed electronically, typed, or handwritten legibly in ink)

Solicitation #:45028

Solicitation Title: Rhode Island College – Roof Replacement at the Donovan Dining Center and Student Union, Rhode Island College

Allowances

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

1. Allowance 1: Repairs to roof decking and structure - **Twenty thousand dollars (\$20,000)**
2. Allowance 2: Replacement of HVAC Filters – **Five thousand dollars (\$5,000)**

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: _____

Addendum No. 4 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.

1. **Alternate 1:** All work related to Roof 10 and Roof 11 performed from 8pm-5am.

Add: _____ Subtract: _____

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

(base bid price *in words* 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.

Solicitation #:45028

Solicitation Title: Rhode Island College – Roof Replacement at the Donovan Dining Center and Student Union, Rhode Island College

Unit Price No. 1:

Add to or deduct the cost to replace the existing perimeter wood blocking in accordance with the Bid Documents:

ALLOW: \$ _____/sq. ft.

Unit Price No. 2:

Add to or deduct the cost to provide new pre-fabricated insulated rooftop unit curb in accordance with the Bid Documents:

ALLOW: \$ _____/curb

Unit Price No. 3:

Hoisting required for work related To the Air Cooled Chillers on DDC roof:

ALLOW: \$ _____/unit

Unit Price No. 4:

Add to or deduct the cost to provide new pre-fabricated grease-containment assembly in accordance with the Bid Documents:

ALLOW: \$ _____/ unit

4. CONTRACT TIME

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

- Start of construction: Within 7 days of issued Purchase Order. On site construction may not begin until May 15, 2017.
- Substantial completion: July 31, 2017
- Final completion: August 11, 2017

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: \$250/day.

Two Hundred Fifty dollars per calendar day.

Solicitation #:45028

Solicitation Title: Rhode Island College – Roof Replacement at the Donovan Dining Center and Student Union, Rhode Island College

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

CHECKLIST FOR ROOFING SYSTEM



CONTACT INFORMATION:

INDEX NUMBER:

ROOFING CONTRACTOR (NAME & ADDRESS)	TELEPHONE NO.:	FAX:
	E-MAIL ADDRESS:	CONTACT:
CLIENT (NAME & ADDRESS)	TELEPHONE NO.:	FAX:
	E-MAIL ADDRESS:	CONTACT:

OVERVIEW OF WORK: *(Submit 1 form per roof area)*

Building Name & Number:			
Building Dimensions: Length:	ft/m;	Width:	ft/m.;
Roof Slope:		Height	ft/m.
Parapet Height ,max (in./m):		Parapet Height ,min (in /m):	
Type of Work:	<input type="checkbox"/> New Construction <input type="checkbox"/> Recover (New roof over existing Roofing System) <input type="checkbox"/> Reroof (New cover/remove existing roofing system to deck) <input type="checkbox"/> Other		
FM Approved RoofNav Assembly Numbers:			

ROOF SURFACING:

<input type="checkbox"/> None	
<input type="checkbox"/> Coating	<i>(Trade Name/Application Rate)</i>
<input type="checkbox"/> Granules	<i>(Application Rate)</i>
<input type="checkbox"/> Gravel/Slag	<i>(Application Rate)</i>
<input type="checkbox"/> Ballast:	<input type="checkbox"/> Stone Size <input type="checkbox"/> Pavers <i>(Beveled or square edge);</i> <input type="checkbox"/> Other:
Ballast Weight (psf):	Field: Perimeter: Corners:

ROOF COVER/MEMBRANE:

(Please provide ALL applicable details including trade name, type, number of plies, thickness, reinforced, adhesive)

<input type="checkbox"/> Panel:	<input type="checkbox"/> Through Fastened Metal <input type="checkbox"/> Standing Seam metal <input type="checkbox"/> Fiber Reinforced Plastic (FRP) <input type="checkbox"/> Other:		
<input type="checkbox"/> Single Ply:	<input type="checkbox"/> Adhered	<input type="checkbox"/> Fastened	<input type="checkbox"/> Ballasted
<input type="checkbox"/> Built Up Roofing (BUR)			
<input type="checkbox"/> Modified Bitumen	<input type="checkbox"/> Lap Width	in/mm	<input type="checkbox"/> Lap Adhesion Type
<input type="checkbox"/> Spray Applied			
<input type="checkbox"/> Other:			

BASE SHEET:

(Please include Trade Name, Type, and Width)

<input type="checkbox"/> None	
Trade Name:	Width: <input type="checkbox"/> 36 In. <input type="checkbox"/> 1 meter (39 In.)
<input type="checkbox"/> Fastened	<input type="checkbox"/> Adhered
<input type="checkbox"/> Secured per RoofNav	OR <input type="checkbox"/> Per FM Global Loss Prevention Data Sheet 1-29
Comments:	
<input type="checkbox"/> Lap Width	in/mm <input type="checkbox"/> Lap Adhesion Type
<input type="checkbox"/> Air Retarder	<input type="checkbox"/> Vapor Retarder

INSULATION

Layer	Trade Name	Thickness (In.)	Fastened	Adhered	Tapered
1. Top			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Next			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Next			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Next			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Glass Fiber/Mineral Wool/Batt		<input type="checkbox"/> Facer Type/Vapor Barrier			
<input type="checkbox"/> Thermal Barrier					

CHECKLIST FOR ROOFING SYSTEM



<input type="checkbox"/> Other:
<input type="checkbox"/> None

DECK:

(Please include manufacturer, type, yield strength, thickness/gage, etc.)

<input type="checkbox"/> Steel:	
<input type="checkbox"/> LWIC (Form Deck):	<input type="checkbox"/> Cementitious Wood Fiber:
<input type="checkbox"/> Concrete: <input type="checkbox"/> Pre-cast panels or <input type="checkbox"/> Cast in Place	
<input type="checkbox"/> Wood	
<input type="checkbox"/> Fiber Reinforced Cement	<input type="checkbox"/> Fiber Reinforced Plastic
<input type="checkbox"/> Gypsum: <input type="checkbox"/> Plank	<input type="checkbox"/> Poured
<input type="checkbox"/> Other:	
Comments:	

ROOF STRUCTURE (Include Size, Gage, Etc.):

<input type="checkbox"/> Purlins <input type="checkbox"/> "C" OR <input type="checkbox"/> "Z"		
<input type="checkbox"/> Joists <input type="checkbox"/> Wood OR <input type="checkbox"/> Steel		
<input type="checkbox"/> Beams <input type="checkbox"/> Wood OR <input type="checkbox"/> Steel		
<input type="checkbox"/> Other:		
Spacing: Field:	Perimeter:	Corners:
Comments:		

FASTENERS USED IN ROOF ASSEMBLY:

Roof Cover Fasteners: Trade Name:		Length:	Diameter:
Stress Plate/Batten:			
Spacing: Field: X	Perimeter: X	Corners: X	
Insulation Fasteners: Trade Name:		Type:	
Size:		Stress Plate:	
Spacing: Field:	Perimeter:	Corners:	
Deck Or Roof Panels Fasteners:		Type:	
Trade Name:		Size Washer:	
Length:	Weld:	Washer:	
If Weld: Size:	Deck Side Lap Fasteners: Field: X	Perimeter: X	Corners: X
Spacing: Field: X	Perimeter: X	Corners: X	
Base Sheet Fasteners		Type:	
Trade Name:		Length:	
Head Diameter:		Spacing: (Attached Sketches as necessary)	
Spacing Along Laps: Field:		Perimeter:	Corners:
No. Intermediate Rows: Field:		Perimeter:	Corners:
Spacing Along Intermediate Rows: Field:		Perimeter:	Corners:

PERIMETER FLASHING:

(Attach a detailed sketch of metal fascia, gravel stop, nailer, coping, etc.)

<input type="checkbox"/> FM Approved Flashing	<input type="checkbox"/> Per FM Global Loss Prevention Data Sheet 1-49
<input type="checkbox"/> Other:	Comments:

DRAINAGE:

For new construction: Has roof drainage been designed by a Qualified Engineer per FM Global Loss Prevention Data Sheet 1-54 and the local building code? <input type="checkbox"/> Yes <input type="checkbox"/> No (Attach details)
For re-roofing and recovering: will the roof drainage be changed from the original design (for example: drain inserts, drains covered or removed, new expansion joints, blocked or reduced scupper size)? <input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, were the changes reviewed by a Qualified Engineer? <input type="checkbox"/> Yes <input type="checkbox"/> No (Attach details)
Is secondary (emergency) roof drainage provided per FM Global Data Sheet 1-54? <input type="checkbox"/> Yes <input type="checkbox"/> No (Attach details)

CHECKLIST FOR ROOFING SYSTEM



FM Global OFFICE REVIEW

(Please leave blank for FM Global Office Review)

WIND:

Design Wind Speed: <i>(mph)</i>	Ground Terrain: <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D
Uplift Pressure in field: <i>(psf)</i>	Uplift Rating Required:
Adequate Uplift Rating Provided:	Adequate? <input type="checkbox"/> Yes <input type="checkbox"/> No

FIRE:

Internal Assembly Rating: <input type="checkbox"/> Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Non-Combustible	
External Fire Rating: <input type="checkbox"/> Class A <input type="checkbox"/> Class B <input type="checkbox"/> Class C <input type="checkbox"/> None	
Concealed Spaces? <input type="checkbox"/> Yes <input type="checkbox"/> No	Sprinklers below Roof? <input type="checkbox"/> Yes <input type="checkbox"/> No
Adequate? <input type="checkbox"/> Yes <input type="checkbox"/> No	

HAIL:

Hail Rating Needed? <input type="checkbox"/> SH <input type="checkbox"/> MH <input type="checkbox"/> None	Hail Rating Provided? <input type="checkbox"/> SH <input type="checkbox"/> MH <input type="checkbox"/> None
Adequate? <input type="checkbox"/> Yes <input type="checkbox"/> No	

COLLAPSE:

If standing seam, has collapse been reviewed? <input type="checkbox"/> Yes <input type="checkbox"/> No
--

COMMENTS:

