

# **ADDENDUM NO. 1**

**June 10, 2020**

**REQUEST FOR PROPOSAL DOCUMENTS**

**FOR**

**CAMPUS SOLAR ROOF INITIATIVE**

**PROJECT NO. 950581**

**CONTRACT NO. 950581-DB-2020-68**



The following changes, additions, or deletions shall be made to the following documents as indicated for this Project; and all other terms and conditions shall remain the same. Each bidder is responsible for transmitting this information to all affected subcontractors and suppliers before the Bid Deadline.

1. **ANNOUNCEMENT FOR PREQUALIFIED PROPOSERS**

**Replace** the Announcement for Prequalified Proposers with the one issued in this Addendum.

2. **INDEX OF CONTRACT DOCUMENTS.**

**Replace** the Index of Contract Documents with the one issued in this Addendum.

3. **PROPOSAL SCHEDULE**

**Replace** the Proposal Schedule with the one issued in this Addendum.

- |    |                                 |                        |
|----|---------------------------------|------------------------|
| a. | Technical Submittals Due        | July 8, 2020, 2:00 PM  |
| b. | Lump Sum Base Proposals Due     | July 8, 2020, 2:00 PM  |
| c. | UCR Technical Review            | July 13, 2020          |
| d. | Oral Presentations              | July 14, 2020          |
| e. | Lump sum Base Proposals Opening | July 15, 2020, 2:00 PM |
| f. | Anticipated NTP                 | July 19, 2020          |

4. **TECHNICAL PROPOSAL**

**Replace** the Technical Proposal with the one issued in this Addendum.

5. **UNIVERSITY FURNISHED INFORMATION**

**Replace** the University Furnished Information sheet with the one issued in this Addendum.

- a. **Add** CAD Drawings for Student Recreation Center South (see UFI for link)
- b. **Add** CAD Drawings for Student Services Buildings. (see UFI for link)
- c. **Add** Material Substitution Request/Submittal Package No. 0024-07510-0 Built-Up Bituminous Roofing – Student Services Building, 6 pages.

**6. QUESTIONS & ANSWERS**

RFP RFI No.	QUESTIONS / ANSWERS
1-1	<p><b>Question:</b> Please confirm the term of the Performance &amp; Payment bonds issued by the surety will only cover the course of construction and the standard one year warranty period</p> <p><b>Answer:</b> For the Payment Bond, yes, 1 year. The Performance Bond remains in effect to coincide with the contractor's contractual obligations, which extends past the 1 year warranty period.</p>
1-2	<p><b>Question:</b> What are the laydown locations and parking during construction?</p> <p><b>Answer:</b> The lay down areas are not determined at this time; due to COVID-19 guidelines and the unknown status of in-person instruction the proposed lay-down areas may change. The University will do its best to have this be as close as possible to the job site.</p>
1-3	<p><b>Question:</b> What is the Line side load, site tap connections?</p> <p><b>Answer:</b> Contractor is responsible to review and verify existing site and electrical system at each site to determine the best available source / way for the PV system interconnections. Contractor is also responsible to provide any necessary modification to the existing electrical system as required to provide interconnection of the PV system.</p>
1-4	<p><b>Question:</b> Can we use campus Ethernet connection to tie in monitoring?</p> <p><b>Answer:</b> Yes.</p>
1-5	<p><b>Question:</b> Who is the previous roofing contractor and any warranties associated?</p> <p><b>Answer:</b> For Student Recreation Center, please see University Furnished Information in the RFP. With regards to information for Student Services Building, we cannot confirm information regarding the warranties, we did include a Request for Product Substitution for this project that is dated 2007, we could not locate any information regarding whether or not this request was approved or denied.</p>
1-6	<p><b>Question:</b> Confirming the performance &amp; Payment bonds issued will not exceed one (1) year from the date of substantial completion?</p> <p><b>Answer:</b> See RFI 1-1.</p>
1-7	<p><b>Question:</b> We would like to request a site visit.</p> <p><b>Answer:</b> A site visit has been held.</p>
1-8	<p><b>Question:</b> We would like to request a 20 business day extension for proposal delivery on July 15, 2020?</p> <p><b>Answer:</b> Deadline will be extended to July 8, 2020.</p>
1-9	<p><b>Question:</b> Are there CAD files available.</p> <p><b>Answer:</b> See University Furnished Information issued in this Addendum.</p>
1-10	<p><b>Question:</b> Would there be an interest in having us provide a fully entitled and ready to break ground alternate solution that meets/exceeds the expectations of this current RFP by providing PV power from an offsite location in Riverside County?</p> <p><b>Answer:</b> At this time, no, please submit your proposal based on the current Basis of Design and RFP.</p>

**END OF ADDENDUM**

## **ANNOUNCEMENT TO PREQUALIFIED PROPOSERS**

Subject to conditions prescribed by the University of California, Riverside, sealed proposals for a Design Build contract are invited from prequalified proposers for the following work:

### **CAMPUS SOLAR ROOF INITIATIVE**

#### **DESCRIPTION OF WORK**

The overall goal of this effort is for the University to obtain the services of a design/build contracting team to design, construct, and commission a PV system on two targeted campus buildings. The PV system is expected to provide the maximum generation of renewable power with minimum impact on each building; while also integrating the photovoltaic production into the building(s) and campus electrical systems. Furthermore, the PV system is to include provisions for future integration into the University building management systems (BMS) to monitor and trend energy (kWh), instantaneous power (kW), and calculate carbon/greenhouse gas savings in metric tons (tonnes).

Reliable and predictable power with minimal annual degradation in output, as well as predictable maintenance, is desirable for a minimum of 25 years. The roof warranty is to be retained and extended as a part of the delivered system. To extend and incorporate the roof warranty, a coating and/or other roofing enhancements are anticipated. The project will be considered complete after the system has been fully accepted by the University and proven to be fully operational for one month.

Maximum Acceptance Cost: **\$2,250,000** (funding is pending administrative approval)

The University has determined that the following Proposers have been prequalified:

**STRONGHOLD ENGINEERING, INC., Riverside, CA 92501**  
**SUNPOWER CORPORATION SYSTEMS, Richmond, CA 94804**

#### **PROCEDURES:**

Request for Proposals will be available beginning at **2:00 PM**, on **Tuesday, May 19, 2020** issued at:

**University of California, Riverside**  
**Planning, Design & Construction**  
**An email link will be sent to proposers in an email to access RFP.**

**Technical Proposals & Price Proposals** must be received on or before: ~~Wednesday, June 17<sup>th</sup>~~ **Wednesday, July 8, 2020, 2:00 PM**. Instructions regarding the drop off of proposals will be provided to the firms listed above at a later date.

Price Proposals will be opened on: ~~Wednesday, June 24, 2020~~ **July 15, 2020, 10:00 AM**. Due to COVID-19 guidelines, a public opening will not be conducted. Immediately after standard due-diligence is conducted of the price proposals, the University will post results and inform all proposers of results.

***Mandatory Zoom Pre-Proposal Conference:*** A mandatory Zoom pre-proposal conference will be conducted on **Friday, May 22, 2020**, beginning promptly at **10:00 AM**. Only proposers who participate in the Zoom pre-proposal conference will be allowed to propose on the project. Firms who do not attend the Zoom pre-proposal conference will not be allowed to submit proposals as design builder on the project.

Proposers shall be prepared with questions concerning needed clarifications and shall only send their project manager, design professional, or other professional intended to work on the project to attend this meeting. For further information, contact Betty Osuna, Contract Administrator at (951) 827-4590, [betty.osuna@ucr.edu](mailto:betty.osuna@ucr.edu).

Proposal Security in the amount of 10% of the Lump Sum Base Proposal, excluding alternates, shall accompany each bid. The surety issuing the Bid Bond shall be, on the bid deadline, an admitted surety insurer (as defined in the California Code of Civil Procedure Section 995.120)

All insurance policies required to be obtained by Design Builder shall be subject to approval by University for form and substance. All such policies shall be issued by a company rated by Best as A- or better with a financial classification of VIII or better, or have equivalent rating by Standard and Poor's or Moody's.

The successful proposer and its subcontractors will be required to follow the nondiscrimination requirements set forth in the proposal documents and to pay prevailing wage rates at the location of the work.

No contractor or subcontractor may be listed on a Bid for this project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

No contractor or subcontractor may be awarded any portion of this project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

The successful proposer shall pay all persons providing construction services and/or any labor on site, including any University location, no less than the UC Fair Wage (defined as \$13 per hour as of 10/1/15, \$14 per hour as of 10/1/16, and \$15 per hour as of 10/1/17) and shall comply with all applicable federal, state and local working condition requirements.

The successful proposer will be required to have the following California contractor's license at the time of the proposal opening: **Electrical Contractor "C-10" license or Solar Contractor "C-46" license.**

Betty Osuna, Contract Administrator, (951) 827-4590, [betty.osuna@ucr.edu](mailto:betty.osuna@ucr.edu)

Bid Board: <https://pdc.ucr.edu/>

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
University of California, Riverside  
**Dates of Publication:** 05/08/2020 thru 05/21/2020

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*\*Document is only issued via Weblink on the “REQUEST FOR PROPOSALS”*

## PROPOSAL SCHEDULE

	ACTIVITY	DATE	TIME
<b>A</b>	RFP will be available to Prequalified Proposers, subcontractors and design consultants.	<b>May 22,2020</b>	<b>2:00 PM</b>
<b>B</b>	<b>Pre-Proposal Conference – Mandatory for all Prequalified Proposers.</b> Via Zoom.	<b>May 22, 2020</b>	<b>10:00 AM</b>
<b>C</b>	The University will hold a <b>Confidential One-on-One meeting</b> with each Proposer prior to the Technical Proposal Submittal for the purpose of answering questions, clarifying RFP and program requirements, reviewing and validating preliminary designs etc. Meeting location: Zoom Conference	<b>May 29, 2020</b>	<b>RTS-112 9:15 AM RTS-114 10:30 AM</b>
<b>D</b>	<b>Technical Proposal Submittal is due from Proposers</b> and will be received only at UCR, Planning, Design & Construction, 1223 University Avenue, Suite 240, Riverside, CA 92507. The Technical Proposal Submittal is defined in the <i>Technical Proposal</i> . Pending COVID-19 Guidelines, location of delivery will change and issued via Addendum.	<u><b>July 8, 2020</b></u> <del>June 17, 2020</del>	<b>2:00 PM</b>
<b>E</b>	<b>Lump Sum Base Price Proposal Submittal is due from Proposers</b> and will be received only at UCR, Planning, Design & Construction, 1223 University Avenue, Suite 240, Riverside, CA 92521-2450. The Lump Sum Base Price Proposal Submittal is defined in the <i>Lump Sum Base Price Proposal</i> . Pending COVID-19 Guidelines, location of delivery will change and issued via Addendum.	<u><b>July 8, 2020</b></u> <del>June 17, 2020</del>	<b>2:00 PM</b>
<b>F</b>	The <b>University’s Technical Review Committee will meet</b> to review timely submitted Technical Proposals as described in the Proposal Evaluation Process document.	<u><b>July 13, 2020</b></u> <del>June 22, 2020</del>	

<b>G</b>	Proposers shall make an <b>Oral Presentation</b> and describe the best value aspects of their proposals. Cost shall not be discussed during the Oral Presentation.	<u><b>July 14, 2020</b></u> <del>June 23, 2020</del>	<b>RTS-114 09:00 AM</b> <b>RTS-112 10:30 AM</b>
<b>H</b>	Timely submitted <b>Lump Sum Base Price Proposals shall be publicly opened at UCR</b> , Planning, Design & Construction via Zoom, University will acknowledge the timely receipt of submittals and whether or not the submittals appear to be responsive. No cost or point scoring information will be disclosed to the public at this time.	<u><b>July 15, 2020</b></u> <del>June 24, 2020</del>	<b>10:00 AM</b>
<b>I</b>	The University will issue <b>Notice to Proceed</b> for Phases 1 & 2 to the successful proposer.	<u><b>July 19, 2020</b></u> <del>June 29, 2020</del>	
<p><b>Late Proposals: Any proposal, modification, or revision that is received at the designated University of California, Riverside, Planning, Design &amp; Construction location after the exact time specified for receipt of proposals is “late” and will not be considered unless it was the only proposal received. Late proposals and modifications that are not considered will be held unopened, unless opened for identification, and then returned to the Proposer after award.</b></p>			



**TECHNICAL PROPOSAL**

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**TECHNICAL PROPOSAL SUBMITTAL CHECKLIST**

- Submittal in a separate sealed container identifies the: Project Name & Number, Submittal Date, Technical Proposal Submittal, and Identification Number. Submittal is properly addressed and delivered.
- One (1) original and five (5) copies of the written portion of the TECHNICAL PROPOSAL:
  - Electronic copy in PDF format to link provided
- ~~Five~~ **Five** (~~5~~) sets of up to no more than three (3) PRESENTATION **SHEETS** ~~BOARDS~~ for each building, ~~not larger than~~ **approximately** 30" x 42". Include:
  - Copies of ~~boards~~ **sheets** within the technical proposal binder as 11" x 17" sheets
  - Electronic copy in PDF format to link provided
- One (1) bound set of the SCHEMATIC DESIGN SUBMITTAL shall be submitted not smaller than 30" x 42". Include:
  - Within the technical proposal binder as 11" x 17" sheets
  - Electronic copy in PDF format to link provided

## 1. TECHNICAL PROPOSAL

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Proposers shall submit a Technical Proposal conforming to the format outline herein and shall provide all requested information. **FAILURE TO COMPLY WITH THE REQUIRED FORMAT AND/OR PROVIDE THE INFORMATION REQUESTED MAY RESULT IN A NON-RESPONSIVE SUBMITTAL.**

Technical Proposals may be comprised of design narratives, drawings (no larger than 30" x 42"), presentation sheets boards, outline specifications, catalog cut sheets, and other information as required and appropriate. **ALL REFERENCES THAT MAY IDENTIFY THE DESIGN BUILD TEAM SHALL BE REMOVED.**

### 1.1. Technical Proposal Delivery

#### .1 Proposal Delivery Date

Refer to the Proposal Schedule for the Technical Proposal Submittal due date and time.

#### .2 Marking and Identification of Submittals

Proposer shall clearly mark a coverage page for each package to identify the following:

Project Name: **Campus Solar Roof Initiative**

Project Number: **950581**

Marked: "Technical Proposal Submittal"

Date of Submittal: **June 17, 2020**

Design Builder Identification Number: RTS-XXX (*DB Team Assigned number*)

If the Proposals are sent by mail, courier or delivery service, the sealed package shall be marked with the notation "SEALED PROPOSAL ENCLOSED" on the face thereof.

#### .3 Designated Location for Receipt of Technical Proposals

Proposer shall assume full responsibility for timely delivery of proposals. Proposals shall be properly addressed and uploaded to the links provided by the University.

**LATE PROPOSALS: ANY PROPOSAL, MODIFICATION, OR REVISION, THAT IS RECEIVED AT THE DESIGNATED UCR PLANNING, DESIGN DESIGNING & CONSTRUCTION LOCATION AFTER THE EXACT TIME SPECIFIED FOR RECEIPT OF PROPOSALS IS "LATE" AND WILL NOT BE CONSIDERED UNLESS IT WAS THE ONLY PROPOSAL RECEIVED. LATE PROPOSALS AND MODIFICATIONS THAT ARE NOT CONSIDERED WILL BE HELD UNOPENED, UNLESS OPENED FOR IDENTIFICATION, AND THEN RETURNED TO THE PROPOSER AFTER AWARD.**

#### .4 Technical Proposal Delivery Methods (*See marking instructions in 1.1.2 above*)

- a. Mail
- b. Courier (Hand Delivery)
- c. Electronically

#### .5 Unacceptable Delivery Methods

- a. Oral
- b. Telephonic
- c. Facsimile
- d. Email

## 1.2 **Technical Proposal Submittal Instructions**

### .1 Required Copies

**One (1) original and five (5) copies** of the written portion of the Technical Proposal shall be submitted in sealed boxes, envelopes, or other appropriate sealed containers. **One (1) electronic copy** shall be submitted and shall include the written portion of the Technical Proposal and the presentation boards (in PDF format to the link provided).

### .2 Technical Proposal Format

All Technical Proposals shall be submitted in 8.5" x 11" or 11" x 17" 3-ring or spiral bound binders. Items not physically suitable for inclusion may be submitted separately with a clear proposal reference to the separately furnished items.

Technical proposal narrative shall be typed in Times New Roman or a comparable font that is easy to read utilizing 11-point font or larger.

### .3 Design Builder Identification Number

Prior to the Technical Proposal submittal, the University will assign a Design Builder Identification Number to each Proposer. The Design Builder Identification Number shall be used by each Proposer to identify its Technical Proposal submittal.

*Blind Evaluation:* To provide an impartial review of each Proposer's Technical Proposal submittal, the Technical Evaluation Committee will conduct a Blind Evaluation. Therefore, **the entire contents of the Technical Proposal submittal shall have all references to the Proposer's identity removed.** All references that may identify the Design Build team including, but not limited to, firm or team names, staff identification, consultant identification, addresses, telephone numbers, logos, letterhead, stationary, binders, or business cards or specifics about the firm or its size and history shall be removed.

## 1.3 **Presentation Boards**

Proposer shall submit **five (5)** sets of **up to, but no more than three (3)** standalone presentation **sheets** boards for each building, **approximately** not larger than 30" x 42" as part of the Proposal submittal. Plans submitted as part of a presentation **sheet** board shall be to scale with the exception of perspectives and/or renderings.

The following drawings and perspectives shall be provided on presentation **sheets** boards, including copies of **sheets** boards not smaller than ½ size scale drawings and provided **ELECTRONICALLY (IN PDF FORMAT) AS INDICATED:**

- .1 Site Logistics – Indicate for all phases of construction ADA path of travel [POT], pedestrian access, emergency vehicular access, proposed crane and/or helicopter logistics and placement, proposed laydown requirements.
- .2 Floor/Roof Plans – Floor plans indicating scope of work and phasing that will affect the normal day-to-day business of the Student Services Building and Student Recreation Center South, demolition roof plan, new roof equipment plan with electrical.

## 1.4 **Schematic Design Submittal Requirements**

The following drawings shall be provided as bound sheets (the original shall not be smaller than 30" x 42" but additional copies can be 11" x 17") and within the technical proposal binder as 11" x 17" sheets, and on a CD (in Auto CAD or PDF format) as indicated:

- .1 Architectural Floor Plans and Roof Plans
  - a. Scale: Varies (see below)
  - b. Architectural Floor and Roof Plans to include the following Drawing Requirements:

- 1) Floor Plans to include the following: Scale: 1/8" = 1'
    - i. Equipment and fixture locations
    - ii. Dimension structural grid
  - 2) Roof Plan (s) to include the following: Scale: 1/8" = 1'
    - i. Dimensioned structural grid
    - ii. Roof system and openings
    - iii. Roof top equipment and utilities.
- .2 Conceptual Structural Plan
- All levels, typical floor plan shall include:
- a. Scale shall not be smaller than 1/8" = 1'.
  - b. Drawings depicting any structural changes sufficient for University's third-party peer review.
- .3 Electrical Conceptual Roof Plans, and Single Line Diagrams
- a. Scale: 1/8" = 1'
  - b. All information in this section is to be placed over an architectural background
  - c. Conceptual roof plans to include the following Drawing Requirements (typical spaces do not need to be repeated).
    - 1) Location and identification of existing feed to be extended/enlarged.
    - 2) Location and identification of all equipment disconnects.
    - 3) Location and identification of all relevant electrical panels.
    - 4) Conceptual new single line power diagram.

**1.5 Technical Proposal Scoring**

The Technical Proposal will be scored as follows:

Description	Points Available
Executive Summary	0
TAB 1 – Architecture / Aesthetic Context / Roof Warranty	50
TAB 2 – Structural	50
TAB 3 – Electrical Design and Production	100
TAB 4 – Project Enhancements, Functionality and Added Value	20
TAB 5 – Schedule	75
TAB 6 – Deviations from Request for Proposal	0
Oral Presentation	5
<b>Subtotal:</b>	<b>300</b>
Best and Final Offer (if necessary)	20
<b>Total:</b>	<b>320</b>

**2. TECHNICAL PROPOSAL SUBMITTAL**

Each Proposer shall provide the following information in the content and format as described. Proposal shall be indexed with tabs numbered and labeled in bold type denoting the sections as follows:

<b>EXECUTIVE SUMMARY</b>	<b>0 POINTS</b>
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*Suggested Text Length: 1 – 2 pages*

The Executive Summary should stand on its own to convey the primary design, program and technical elements of your proposal that clearly and collectively demonstrate why your project approach represents the overall **best value** to the University.

<b>TAB 1</b>	<b>50 POINTS</b>
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*Suggested Text Length: 1 – 2 pages*

**ARCHITECTURAL DESIGN / AESTHETIC CONTEXT / ROOFING WARRANTY**

Proposer shall:

1. Demonstrate that the proposed design addresses:
  - i. Preservation of existing architectural characteristics.
  - ii. Roofing warranty extension.

*Narrative may incorporate graphic information and/or presentation boards.*

<b>TAB 2</b>	<b>50 POINTS</b>
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*Suggested Text Length: 1 – 3 pages*

**STRUCTURAL**

Proposer shall:

1. Include a description of the proposed structural design and identify proposed materials and system advantages.
2. Demonstrate that the proposed structural design:
  - i. Will meet or exceed the requirements of the RFP requirements, including, but not limited to the California Building Code and University of California Seismic Safety Policy.
  - ii. Includes considerations for wind, vibration, and deflection control.

*Narrative may incorporate graphic information and/or presentation boards.*

<b>TAB 3</b>	<b>100 POINTS</b>
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*Suggested Text Length: 1 – 5 pages*

**ELECTRICAL DESIGN AND PRODUCTION**

Proposer shall (i) indicate the University's electrical design requirements will be met or exceeded; and (ii) include descriptions of the electrical systems:

1. Electrical design narrative shall identify:
  - a. How this design maximizes power production within the roof footprint of each building.
  - b. Power feed pathway and power distribution.
  - c. Low voltage systems design and pathway.
  - d. Energy conservation measures included.

*Narrative may incorporate graphic information and/or presentation boards.*

**TAB 4**

**20 POINTS**

**Suggested Text Length: 1 – 3 pages**

**PROJECT ENHANCEMENTS AND ADDED VALUE**

Proposer shall demonstrate:

1. How the proposed design, equipment, controls, constructability, logistics may exceed the requirements of the base bid.
2. *Added Value.* Summarize project enhancements that provide the University with added value to the base bid requirements, such as additional features beyond the program requirements.

*Narrative may incorporate graphic information and/or presentation boards.*

**TAB 5**

**75 POINTS**

**Suggested Text Length: 1 – 2 pages**

**SCHEDULE**

Proposer shall develop and provide a Work Plan demonstrating how it intends to staff and manage the tasks and resources necessary to accomplish the Work, commencing with the Notice to Proceed and ending with the completion of Construction.

1. *Project Approach.* Identify opportunities for improvement, project constraints, mobilization, and potential obstacles that may be associated with each phase of the project and how the Proposer will address each of these challenges. The project approach shall be consistent with and supported by the other elements of the Work Plan that are listed below:
  - i. Approach to key elements of project management and administration (staffing plan)
  - ii. Proposed strategies for addressing project constraints and overcoming potential challenges that may be associated with each phase of the project and how the Proposer will address each of these issues
  - iii. Ordering and delivery of long-lead equipment and/or controls on an expedited schedule. Performing work on a schedule that best limits day-to-day business impact to the Student Services Building and Student Recreation Center (South).
2. *Preliminary Construction Schedule.* Submit a Preliminary Schedule and supporting narrative for the project following Notice to Proceed that are consistent with its Work Plan and that:
  - i. Describes the Proposer's approach to the fast-track design and construction of the project
  - ii. Indicates significant contract activities including shoulder to shoulder sessions, and procurement activities and durations, including the activities required to complete the Construction Documents and obtain required approvals.
  - iii. Identifies the division of the Work by construction Drawing Package and provide the proposed breakdown of drawings and specification sections to be included in the package.



**ORAL PRESENTATION****5 POINTS**

Proposer shall make an oral presentation of its proposal following the University's evaluation of Technical Proposals and prior to the public opening of the Lump Sum Base Price Proposals. However, if at the conclusion of the evaluation of Technical Proposals, the University determines that requesting a BAFO would be in its best interests, the University will defer the oral presentation and proceed directly to a BAFO process. The University may elect to request written proposal clarifications from the Proposers prior to holding BAFO discussions.

During the oral presentation, Proposers will be allowed 30 minutes to present the most important aspects of their proposals and 30 minutes to answer questions and provide clarifications requested by the Technical Evaluation Committee. Discussions may cover any of the requirements described in the RFP.

Proposed cost shall not be discussed during the oral presentation. The University's summation of Proposal Clarifications shall be accepted by signature of selected Proposer and incorporated into their Proposal by reference.

**BEST AND FINAL OFFER (BAFO)****20 POINTS**

The University may determine that clarifications to the initial proposals and additional discussions with the Proposers are necessary to obtain proposals that are responsive with respect to program and cost requirements, and to optimize the ability to obtain best value for this project. In this case, the University will conduct discussions with each Proposer following the technical evaluation with the intent of allowing the Proposers to submit a BAFO. The University will request BAFO submittals from the Proposers to clarify and document understandings reached during discussions. Instructions for the BAFO submittals including the deadline, format, and content requirements will be issued in writing by the University.

The BAFO submittal will consist of two components:

1. A revised technical proposal or technical proposal supplement covering all additions, changes, or clarifications to the original technical submittal. Revised drawings, presentation boards and other supplements may also be submitted as appropriate and in accordance with the University's written instructions for the BAFO submittal.
2. A revised Lump Sum Base Price Proposal, Lump Sum Base Price Proposal Spreadsheet, and a new Proposal Security, in accordance with the University's written instructions for the BAFO submittal



## UNIVERSITY FURNISHED INFORMATION

The following information is made available for the convenience of Proposers and is not a part of the Contract. The information is provided subject to the provisions of subparagraph 3.1.1 of the General Conditions.

*Issued via Weblink*

### PREVAILING WAGES

**General Prevailing Wage Determinations** and information can be accessed at [www.dir.ca.gov](http://www.dir.ca.gov) or by contacting University's principal Facility office.

**Advertisement Date: May 8, 2020**

### DESCRIPTION

No.	Title:	Prepared by:	Date:
<b>01. UCR POLICIES, GUIDELINES &amp; STANDARDS</b>			
A.	UCR CAD Standards		May 2017
<b><u>B.</u></b>	<b><u>CAD Drawings – Student Recreation Center South Building</u></b> <input type="checkbox"/> <a href="#">950581 CAD Requested</a>		<b><u>October 2012</u></b>
<b><u>C.</u></b>	<b><u>CAD Drawings – Student Services Building</u></b> <input type="checkbox"/> <a href="#">950581 CAD Requested</a>		<b><u>March 2009</u></b>
<b>02. UCR ROOF WARRANTIES</b>			
A.	15 Year System Warranty	Student Recreation Ctr.	July 2014
<b><u>B.</u></b>	<b><u>Material/Product Substitution -Submittal</u></b> <b><u>Package No. 0024-07510-0</u></b> <b><u>Built-up Bituminous Roofing</u></b>	<b><u>Student Services Building</u></b>	<b><u>June 2007</u></b>

DIVISION ONE - GENERAL REQUIREMENTS

SECTION 01630  
MATERIAL/PRODUCT SUBSTITUTION REQUEST

To: University's Representative  
Project Name: University of California, Riverside -  
Project Number:

A. We hereby submit for your consideration the following product instead of the specified item:

- 1. Section 07510 Sub-article \_\_\_\_\_
- 2. Specified Item BUILT-UP BITUMINOUS ROOFING
- 3. Proposed Substitution (Mfg., type, Model, etc.)  
SARNAFIL PVC (POLYVINYL CHLORIDE)  
SINGLE PLY MEMBRANE OVER SPECIFIED INSULATION

B. Complete all of the following:

- 1. Does this Substitution offer The Regents a cost credit (including costs for changes by other trades)? MEP FLASHINGS How much? \_\_\_\_\_
- 2. Does this Substitution offer earlier delivery or less construction time? YES
- 3. Does this substitution affect any dimensions, layout, or details of other trades as shown on the drawings? Yes \_\_\_\_\_ No X  
(If yes, explain) \_\_\_\_\_
- 4. What are the specific differences between this substitution and the specified item?  
BUILT-UP ROOFING IS OIL BASED ASPHALT MATERIAL,  
PVC IS A SINGLE SHEET FASTENED TO THE DECK.

C. Attach the following items as applicable:

Check if attached

- |   |                                     |
|---|-------------------------------------|
| 1. Manufacturer's technical data                                | <input checked="" type="checkbox"/> |
| 2. Laboratory test or performance results                       | <input checked="" type="checkbox"/> |
| 3. Drawings and wiring diagrams of the proposed product         | <input checked="" type="checkbox"/> |
| 4. Drawings and description of changes required by other trades | <u>N/A</u>                          |
| 5. Samples  | <input checked="" type="checkbox"/> |
| 6. Manufacturer's guarantee and maintenance instructions        | <input checked="" type="checkbox"/> |
| 7. Documentation of code compliance for all specific uses       | <input checked="" type="checkbox"/> |

D. The undersigned agrees to pay for all additional review, design, testing, changes in the contract documents, and construction as a result of the acceptance of this substitution, at no cost to the Regents.

E. Submitted by (Contractor) ALCAL ROOFING & WATERPROOFING

{PRIVATE} (University Representative's use only.)

Accepted \_\_\_\_\_ Rejected \_\_\_\_\_ Revise and Resubmit \_\_\_\_\_ See Attached \_\_\_\_\_

# Submittal Transmittal

## EDGE Development, Inc.

UCR - Student Academic Support Services  
 Project # 07003  
 Riverside, CA 92507

Tel: (951) 296-0776 Fax: (951) 296-0775

**RECEIVED**

**JUN 01 2007**

**SASAKI ASSOCIATES, INC.**

**Submittal Package No 0024 - 07510 - 0**

**05/25/2007**

<b>Transmitted To:</b> Cyril Chong Sasaki Associates, Inc. 77 Geary Street, 4th Floor San Francisco, CA 94108 Tel: (415) 776-7272 Fax: (415) 202-8970	<b>Transmitted By:</b> Ryan Herrell EDGE Development, Inc. 27368 Via Industria, Suite 101 Temecula, CA 92590 Tel: (951) 296-0776 Fax: (951) 296-0775
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Qty	Submittal Package No	Description	Due Date	Package Action
9	0024 - 07510 - 0	07510 - Built-Up Bituminous Roofing	6/10/2007	FOR APPROVAL

Transmitted For	Delivered Via	Tracking Number
APPROVAL	HAND	

Items	Qty	Description	Specification	Section	Submittal Item	Item Action
001	7	07510 - Built-Up Bituminous Roofing - Substitution Request	07510.001		02	FOR APPROVAL
002	7	07510 - Built-Up Bituminous Roofing - Product Data (on CD)	07510.002	1.04.A	02	FOR APPROVAL
003	7	07510 - Built-Up Bituminous Roofing - Certificates (on CD and Letter)	07510.003	1.04.C	07	FOR APPROVAL
004	3	07510 - Built-Up Bituminous Roofing - Samples (White Acrylic Coating 12"x12" Specified Color)	07510.004	1.04.B.1	01	FOR APPROVAL

01-Samples; 02-Product Data; 03-Mix Designs; 04-Shop Drawings; 05 Test Results; 06- Mill Certs; 07- Certs; 08-MSDS; 09-Installation Instructions; 10-Wiring Diagram

**Remarks**

**REVIEWED FOR COORDINATION AND GENERAL CONFORMANCE WITH THE CONTRACT DOCUMENTS. THIS REVIEW DOES NOT RELIEVE THE SUBCONTRACTOR/VENDOR FROM FULL COMPLIANCE WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS.**

EDGE DEVELOPMENT, INC.

BY: *[Signature]*

DATE: 5/25/07

see attached email clarification

REVIEWED ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE WORK AND IS RELYING ON THE ACCURACY OF INFORMATION CONTAINED IN THE SUBMITTAL. SEE CONTRACT DOCUMENTS FOR CONTRACTOR'S RESPONSIBILITY FOR DIMENSIONS, QUANTITIES, COORDINATION, REVISED SUBMITTALS ETC.

<input checked="" type="checkbox"/>	REVIEWED
<input type="checkbox"/>	REVIEWED AS NOTED. PROCEED
<input type="checkbox"/>	REVISE AS NOTED AND RESUBMIT
<input type="checkbox"/>	REVIEWED BY CONSULTANT PROCEED AS NOTED
<input type="checkbox"/>	NOT A REQUIRED SUBMITTAL NOT REVIEWED

SASAKI ASSOCIATES, INC.  
 77 GEARY STREET, 4TH FLOOR  
 SAN FRANCISCO, CA 94108  
 (415) 776-7272 FAX (415) 202-8970

SA# 616107 DATE 6/6/07 BY [Signature]

Co. Company Name	Contact Name	Copies	Notes
EDGE Development, Inc.		1	File, Jobsite

# Sika Sarnafil Inc.

*World Class Roofing and Waterproofing*

May 15, 2007

RECEIVED

MAY 17 2007

EDGE DEVELOPMENT

**ALCAL ROOFING & INSULATION**  
1614 Marlborough Ave., Unit S2  
Riverside, CA 92507

Re: **Approved Applicator**

Project: Student Academic Support Services  
University of California, Riverside

To Whom It May Concern:

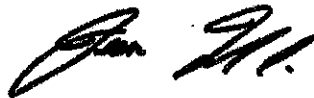
This letter is to certify that Alcal Roofing & Insulation has been an approved and qualified Sika Sarnafil roofing applicator in good standing since 1994.

Alcal Roofing & Insulation has earned the status of *2006 Elite Applicator*, our highest overall rating relative to quality installations, technical expertise, payment history and integrity.

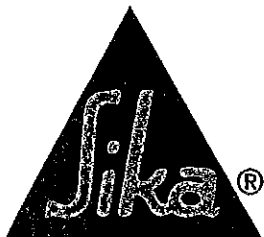
If you have any questions, please contact our office.

Regards,

**Sika Sarnafil, Inc.**



Jesse Quezada  
Western Area Director



06/05/2007 07:26 061703077 11

Ryan Herrell

From: cchong@sasaki.com  
Sent: Monday, June 04, 2007 5:50 PM  
To: Ryan Herrell; Marc Bergenda  
Cc: cchong@sasaki.com  
Subject: UCR-SASS roof substitution

Please provide answers to the following questions:

1. The membrane sample provided is G410, the product data on the CD is for S327 membrane. I believe that one is mechanically fastened and the other is adhered. Which one are you proposing? **S-327 MA**

2. Is a/nother submitted to replace ONLY the perlite board or to replace BOTH the perlite board and the 4" min. insulation?

Cyril Chong  
Associate  
415 776 7272 x236  
www.sasaki.com

**THE SUBMITTED M.I.C. REPLACING ALL INSULATION. THE PERLITE IS ONLY USED IN BUILT-UP ROOFING APPLICATIONS BECAUSE HOT ASPHALT CANNOT BE APPLIED OVER POLYISO INSUL WITHOUT BLISTERING THE ROOF SYSTEM. WE WILL MATCH THE R-VALUE IN THE SPECS.**



6/5/2007



**CCW WIP 300HT**  
**WATER & ICE PROTECTION**  
**SELF-ADHERING**  
**ROOFING UNDERLAYMENT**

**DESCRIPTION**

CCW WIP 300HT Water and Ice Protection is a high tensile strength rubberized asphalt underlayment specifically designed to withstand temperatures up to 240°F (116°C).

CCW WIP 300HT is a composite membrane consisting of rubberized asphalt laminated to an impermeable polyethylene film layer, providing dual-barrier moisture protection.

**FEATURES & BENEFITS**

- **High Temperature Formulation:** CCW WIP 300HT will resist temperatures up to 240°F without degradation of the adhesive.
- **Moisture and Air Barrier:** CCW WIP 300HT protects the roof structure from water seepage caused by ice dams and wind driven rains.
- **Self Sealing:** CCW WIP 300HT membranes seal around roofing nails, staples, screws and clips used to install the primary roofing system.
- **Self Adhering:** CCW WIP 300HT membranes bond directly to the roof substrate for fast and easy installation without the need for additional adhesives.
- **Skid Resistant:** CCW WIP 300HT features a unique skid-resistant surface for safe and easy installation.
- **Permanent Protection and Low Life Cycle Cost:** CCW WIP 300HT will not crack, dry out or rot resulting in long term waterproofing performance.
- **Aesthetically Pleasing:** CCW WIP 300HT is a concealed waterproofing system that will not detract from the architectural aesthetics of the primary roofing system.

**INSTALLATION**

**General Information**

Carlisle Coatings & Waterproofing offers six roofing underlayment products. The installation instructions are generic to all CCW WIP membranes unless otherwise stated.

**Weather Conditions**

CCW WIP roofing underlayments are applied when the roof deck is dry and the substrate temperature is 40°F (4.4°C) or higher. At temperatures below 40°F, nailing or priming may be used to temporarily hold the membrane in place while adhesion develops. This product is designed to be covered with the primary roofing system and should not be exposed to sunlight for an extended period.

**Substrate Preparation**

*New Construction:* Prepare the roof deck by removing all loose objects, dirt, dust or debris.

*Re-roofing:* Remove all old materials from the roof deck in the area to be covered with CCW WIP roofing underlayment, replace water-damaged sheathing and sweep roof deck thoroughly.

*Priming:* Not required for attachment to wood surfaces. All concrete surfaces should be primed.

**VALLEYS, HIPS & RIDGES**

Cut CCW WIP roofing underlayment into manageable lengths. Align over the center of the valley, hip, or ridge. Remove release film. Press the middle of the membrane first before working towards the edges. For open valleys, cover CCW WIP roofing underlayment with metal valley liners.

**EAVES & RAKES**

Cut CCW WIP roofing underlayment into 10 - 15 ft. pieces. Remove 2 - 3 ft. of release film and align the edge of the membrane, sticky side down, so it overhangs the drip edge by 3/8" (10mm). Continue to remove release film and press as you move across the roof. Use a hand roller and/or hand pressure to press into place. Overlap end laps a minimum of 6". CCW WIP roofing underlayment should reach a point 2' inside the interior wall line. If additional courses are required, the top lap must be at least 3.5".

*Drip Edges:* At the rake edge, apply CCW WIP roofing underlayment first and place drip edge on top. At the eave, apply drip edge first and place CCW WIP roofing underlayment on top of the drip edge so that it overhangs drip edge 3/8" (10mm).

**TECHNICAL DATA**

PROPERTY	ASTM	RESULTS
Thickness	D-1970	40 mils
Tensile	D-412	550 psi.
Elongation	D-412	300.%
Pliability	D-1970	Pass @ -25°F
Permeance	E-96	0.01 perms max.
Water Absorption	D-1970	0.1% max.
Peel Adhesion	D-1970	4 lb/in.
Lap Adhesion	D-1970	10 lb/in.

## METAL ROOF UNDERLAYMENT

Under water shedding metal roof systems or low slope metal roofs with a minimum 1/2" slope, start at the low point and apply CCW WIP 300HT roofing underlayment over the full surface of the roof deck. Review the metal roofing manufacturer's instructions for limitations or precautions. Beginning at the eaves, apply product from the low point to the high point of the roof, running the roll horizontally.

For standard installation details, follow the CCW WIP detail drawings. For non-standard installation instructions contact your local Carlisle Coatings & Waterproofing representative.

## LIMITATIONS

- CCW WIP 300HT should be installed when air, roof deck and membrane temperatures are at or above 40°F (4.4°C).
- CCW WIP 300HT should not be left exposed to sunlight for more than 60 days.
- CCW WIP 300HT membrane should not be folded over the roof edge unless protected by a gutter or other flashing materials.
- The primary roof system must be ventilated to prevent excessive moisture build-up in the interior structure.
- Use caution during the installation of the membrane as it may become slippery when wet or covered with frost.

## PACKAGING

3' x 66.7' (0.91m x 20.4 m), 65 lbs., Rolls per pallet 25

**Storage:** CCW WIP 300HT roofing underlayment rolls should be stored on end, under cover, and in areas where the temperature is between 40° and 100°F (4.4° and 37.8°C). Do not double stack pallets.

## LIMITED WARRANTY

CARLISLE COATINGS & WATERPROOFING INCORPORATED (CARLISLE) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any CARLISLE materials prove to contain manufacturing defects that substantially effect their performance, CARLISLE will, at its option, replace the materials or refund its purchase price.

This limited warranty is the only warranty extended by CARLISLE with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. CARLISLE specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever.

The dollar value of CARLISLE's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the CARLISLE material in question.