

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

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SANTA BARBARA • SANTA CRUZ

OFFICE OF DESIGN & CONSTRUCTION SERVICES and PHYSICAL FACILITIES

CONTRACTING SERVICES
Building 439
Santa Barbara, California 93106-1030
Telephone (805) 893-3356
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SENT VIA: FAX ON THIS DATE
 E-MAIL
 POSTED ON UCSB PLANROOM AND WEBSITE

HOLDERS OF PLANS AND SPECIFICATIONS:

22 Parking Structure Photovoltaic Project, Bldg. 254
Project No. FM120188LR/986610
Addendum No. 1

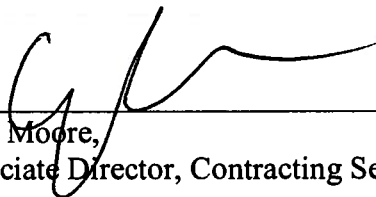
August 19, 2013

Enclosed is **ADDENDUM NO. 1** to the Construction Documents on the above-captioned project.

The Bid date is hereby changed from Wednesday, August 21, 2013 at 2:30PM, to Friday, August 23, 2013 at 2:30PM to be held at:

CONTRACTING SERVICES
Facilities Management, Bldg. 439,
Door #E, Reception Counter
University of California, Santa Barbara
Santa Barbara, CA 93106-1030.

Late arrivals shall be disqualified. Please allow time for unforeseen traffic delays, securing a parking permit and potential parking problems.



Greg Moore,
Associate Director, Contracting Services

ADDENDUM NO. 1

to the

CONSTRUCTION DOCUMENTS

August 19, 2013

GENERAL

The following changes, additions or deletions shall be made to the following document(s) as indicated; all other conditions shall remain the same.

I. ADVERTISEMENT FOR BIDS

Item No.

1-1.

REPLACE Text: Page 1, sentence beginning with "Bid Deadline:" in its entirety, with the following language:

"Bid Deadline: Sealed bids must be received on or before **2:30 PM** on **August 23, 2013**"

II. SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

Item No.

2-1.

REPLACE Text: Item 4, in its entirety, with the following language:

Bids will be received on or before the Bid Deadline: **2:30 PM, August 23, 2013,** and only at:

Contracting Services
Facilities Management, Building 439
Door E, Reception Counter
University of California, Santa Barbara
Santa Barbara, California 93106-1030

III. SPECIFICATIONS

Item No.

3-1

Section 13650 Photovoltaic System, Paragraph 1.06.C, DELETE in its entirety and REPLACE with the following:

All solar energy equipment for electricity generation (including, but not limited to, PV modules, inverters, and combiners) shall have a manufacturer

performance warranty of ten (10) years or more to protect against degradation of electrical generation of 15% or more from their originally rated electrical output.

Item No.

3-2

Section 13650 Photovoltaic System, Paragraph 1.06.D, DELETE in its entirety and REPLACE with the following:

The solar module manufacturer shall provide a performance warranty guaranteeing module electricity production of 80% or more of the original minimum rated power output at year 20 or longer.

IV. GENERAL

Item No.

4-1

Refer to attached Attachment A for list of submitted Requests for Information (RFI's) and University responses.

END OF ADDENDUM NO. 1

Attachment A

- 1. Per conversations with numerous steel fabricator and erectors, 120 days will be very tight deadline. There are heavy liquidated damages associated with running over. Is the University willing to add 60 days to the total construction timeframe to make for a total of 180 days?**
When the required Preliminary Schedule is received from the Apparent Lowest Responsible Bidder, and it appears that additional time may be required due to any phase or portion of the project, the University Representative may, at his option, issue a no cost Change Order extending the Contract Time to accommodate that portion of the project.
- 2. Will it be acceptable to mount the modules directly to the metal purlins instead of the PV Support Strut? This method may save money and is to code when done correctly.**
Alternate attachment methods may be accepted. Contractors shall provide code listed ICC-ES report for attachment method/hardware.
- 3. The drawings indicate a total of 424kW worth of solar including the alternate bid while the specifications state 384kW would be the total including the alternate. Please advise.**
Kilowatt system size references in the Drawings are DC values. The system size that prevails for this project is the minimum total 383 kW AC CEC (i.e. minimum system size 304 kW AC CEC for the Base Bid and minimum system size 79 kW CEC AC for the Bid Alternate) described in the Specifications including Section 01010 "Summary of Work" Paragraph 1.01.A, Section 01100 "Alternates" Paragraph 2.01A, and Section 13650 "Photovoltaic System" Paragraph 1.03.B.
- 4. There is mention of a Weather Station but we did not see this located in the drawings. Is this something we should bid?**
Disregard all references to a weather station in the plans and specifications.
- 5. It was mentioned that University will be issuing the permits. Does this mean there is no fee associated for structural and electrical permitting?**
Permit fees only apply to permits specifically required in the plans and specifications.
- 6. In the specifications there is mention of a sprinkler system. There is no other mention and the actual specifications don't match to a sprinkler system. Please explain.**
There is no work related to an automatic fire sprinkler system in this scope of work.
- 7. Are there any special licenses to uninstall/reinstall the fire alarm devices and or the call boxes?**
All work related to fire alarm devices, pull stations, horn/strobes, etc. must be installed by a C-10 or C-16 licensed contractor. All work related to these items will be inspected by the Campus Fire Marshal and UCSB Life Safety Services.
- 8. Can we attach the metal columns to the top of the existing concrete pilasters? Or must they be attached to the sides? There is some concern about the proposed method.**
In regards to structural attachment at the top of the pedestals, Contractor shall bid per plans. The option to attach at the top of the pedestals may be possible during construction based on results of pedestal reinforcement scan.
- 9. Tigo optimizers are shown in the one line drawing and mentioned in some of the drawings. However there is no specification for the exact model of Tigo to use and whether or not we need one optimizer/maximize for each solar module in the system. Please clarify.**
Per the Drawings optimization is required for every module. Tigo model MM-ES50 or equal. Tigo has approved this model for use with the Panasonic 240w modules. Any deviation must satisfy the requirements set forth under Division 1 Specifications, Section 01640, "Product Options and Substitutions" and Section 13650, "Photovoltaic System".