UNIVERSITY OF CALIFORNIA, SANTA BARBARA

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SANTA BARBARA • SANTA CRUZ

OFFICE OF DESIGN & CONSTRUCTION SERVICES and PHYSICAL FACILITIES

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SENT VIA: ☐ FAX ON THIS DATE
☐ HAND DELIVERY ON THIS DATE
☐ FEDERAL EXPRESS ON THIS DATE
☐ UNITED PARCEL SERVICE ON THIS DATE

HOLDERS OF PLANS AND SPECIFICATIONS:

San Rafael E-Key System Expansion, Bldgs. 586 & 587
Project No. FM130155S/986395
Addendum No. 2

November 20, 2012

Enclosed is **ADDENDUM NO. 2** to the Construction Documents on the above-captioned project.

The Bid date is hereby changed from Wednesday, November 21, 2012 at 2:30PM, to Tuesday, November 27, 2012 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. 2

to the

CONSTRUCTION DOCUMENTS

NOVEMBER 20, 2012

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 2, sentence beginning with "Bid Deadline..." CHANGE to read as follows:

"Bid Deadline: Sealed Bids must be received on or before 2:30 P.M on Tuesday, November 27, 2012."

II. SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

Item No.

2-1. Replace Text: Page 1, Item 4, CHANGE to read as follows:

Bids will be received on or before the Bid Deadline: 2:30PM, November 27, 2012, and only at:

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

III. SPECIFICATIONS

Item No.

3-1 Section 13700 ACCESS CONTROL SYSTEM, **ADD** pages 7 & 8:
(See Attached, 2 pages)

END OF ADDENDUM NO. 2

shall have a continuous zinc coating. Conduit shall be formed with a continuous welded seam, with a uniform wall thickness, in minimum 10-foot lengths.

B. Conduit Fittings

1. Metal Conduit Fittings: conform to the requirements of UL 514B. Zinc coated steel fittings shall be used with steel tubing, compression type, UL approved for rain tight applications, and setscrew type for indoor applications.

2. Liquid-Tight Flexible Conduit Fittings: galvanized steel, insulated throat, and shall bear the UL label.

3. Locknuts: One interior and one exterior locknut shall be provided for all conduit terminations not provided with threaded hubs and couplings. Locknuts shall be designed to securely bond with the conduit to the box when tightened. Locknuts shall be so constructed that they will not be loosened by vibration.

4. Die cast metal couplers, conduits and fittings are not allowed.

C. Anchors

1. Manufacturers: ITW Red Head or equal.

2. Where supports for conduits or boxes are mounted on concrete surfaces, they shall be fastened with self-drilling tubular expansion shell anchors with externally split expansion shells, single-cone expanders, and annular break-off grooved chucking cones.

3. Bracket supports shall be used where required. Other types of hangers acceptable to the Owner may also be used.

D. Junction Boxes

1. 4-square junction boxes flush ceiling-mounted with blank flush covers.

2. 5-square security junction boxes flush ceiling-mounted with blank flush covers.

3. Sheet Metal Junction Boxes: NEMA OS 1, galvanized steel.

4. Interior Junction Boxes: galvanized flat rolled sheet steel interior wiring boxes of types, shapes and sizes, including box depths, to suit each respective location and installation; construct with stamped knockouts in back and sides, and with threaded screw holes with corrosion-resistant screws for securing box covers and wiring devices.

5. Interior Junction Box Accessories: provide as required, including mounting brackets, wallboard hangers, extension rings, fixture studs, cable clamps and metal straps for supporting outlet boxes.

2.02 ACCESS CONTROL SYSTEM

A. System Specifications

1. Basis of Design is Lenel OnGuard 2010. Proposed substitutions for products, materials and parts shall demonstrate five (5) successful integrations with Lenel OnGuard 2010 within the last three (3) years, at minimum.

a. For Life Safety and Security reasons, all products (including system controllers) shall fully integrate with the existing University (Housing & Residential Services) Lenel OnGuard 2010 System and shall be compatible with existing HID iClass Access Control credentials.

b. Refer to Article 1.08 of this Section.

2. Contractor shall provide, install, program, and configure new card reader licenses on the existing University (Housing & Residential Services) Lenel OnGuard 2010 System to accommodate all of the card reader access controlled doors as shown on the Drawings.

   a. Provide and install two (2) LNL-64-RUP 64-reader license upgrades.

3. Contractor shall provide, install, program, and configure new software support licenses on the existing University (Housing & Residential Services) Lenel OnGuard 2010 System.

   a. Provide and install 2-year SUSP support licenses.

4. Access control system shall support industry standard databases, networks, and identification card printers and shall be compliant with open database connectivity (ODBC).

5. Access control system shall offer streamlined database administration, advanced alarm monitoring, and flexible hardware topology. The system shall include online help screens, system configuration setup wizards, and copy templates.

6. Access control system hardware shall communicate over local-area or wide-area networks (LAN or WAN) TCP/IP communications and shall work with existing facility communication topology. The existing access control server will communicate to the new access control field panels via a network connection over the Owner's LAN/WAN.

7. Access control system intelligent system controller (ISC) shall utilize native Ethernet communications and an advanced 32-bit processor to communicate upstream to the host computer. The ISC can store up to 250,000 cardholders in non-volatile flash memory, and supports selective download for larger cardholder databases. The downstream RS-485 two-wire port can be used to connect up to 32 devices (maximum 64 doors).

8. Access control system available functions shall include Enhanced Imaging, Image Export, Support for 35-bit HID encrypted iClass credentials, Global Anti-passback, 255 time zones, 255 Access Levels, 255 holiday dates and eight different holiday categories, Database Segmentation, System Administration and Identification Management, Alarm Masking Control, and Map Designer.

9. All supervised circuits shall be wired normally closed with a 5-state supervision 1K/2K resistor installed at the End-of-Line device. All End-of-Line supervision resistors shall be installed at the individual protection devices, and not in the access control panel.

B. Access Control Panels

1. Contractor shall provide and install access control panels at locations as shown on the Drawings.

   a. Access control panels shall support all of the devices associated with that panel location as shown on the Drawings.