

Date: November 2, 2010

ADDENDUM NO. 2

To Project Bidding Documents For:

**L-614 LMC NURSING / EMT REMODEL
LOS MEDANOS COLLEGE
PITTSBURG, CA**

D.S.A. Appl. No. 01-111031
D.S.A. File No. 7-C1
tBP Proj. No. 20680.00

tBP/ARCHITECTURE
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Concord, CA 94520
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NOTICE ALL CONTRACTORS SUBMITTING BIDS FOR THIS WORK AND TO ALL PLANHOLDERS:

You are hereby notified of the following changes, clarifications and/or modifications to the original Contract Documents, Project Manual, Drawings, Specifications and/or previous Addenda. This Addendum shall supersede the original Contract Documents and previous Addenda wherein it contradicts the same, and shall take precedence over anything to the contrary therein. All other conditions remain unchanged.

This Addendum forms a part of the Contract Documents and modifies the original Contract Documents dated **June 22, 2010** and Addendum #1 dated **September 15, 2010**. Acknowledge receipt of this Addendum in space provided on the Bid Form. Failure to acknowledge may subject Bidder to disqualification.

A. GENERAL INFORMATION

1. The last date for issuance of Addenda is changed to **November 10, 2010**. This addendum will include revisions to Division 0 and Division 1 sections.
2. Construction Period shall begin on December 20, 2010 with completion date of November 18, 2011. This is a period of 334 calendar days, which includes the 15 non-working days to facilitate student testing and other campus activities and the 25 work days with 10 PM-7AM shift for those noise-generating activities specified in the Summary of Work Section 01110 and described in the October 29, 2010 Mandatory Walk Meeting Agenda.
3. Refer to Section 01010 Project Phases to be included in forthcoming Addendum #3 for each phase required for the project schedule. Contractor's attention is also directed to the phased Mechanical Work Scope at the roof which is described, but not limited to, as shown on Contract Documents drawings A-3.1, MD-1.2, M-2.1A, M-2.2.
4. Record Drawings of the College Complex at Los Medanos College are available for inspection at the District office in Martinez by appointment. Contact: Georgette Stewart 925-229-1000 x 1272
5. Staging Site Plan is included as part of this Addendum.

B. CLARIFICATIONS TO BIDDERS QUESTIONS

- Q1. In Section 00451 Statement of Bidders Qualifications, paragraphs 5.4 B,C & D reference synthetic turf playing fields. Will these items be removed as there is not this type of work in the project?
- A1. References to "NCAA Synthetic Turf playing fields" are deleted. New Section for Statement of Bidders Qualifications will be issued as part of Addendum #3 to be issued November 10, 2010.
- Q2. Is this project a union project? Is this a prevailing wage project?
- A2. There is no PLA in this project. This is a prevailing wage project.

- Q3. What is the approximate amount of asbestos to be removed? What is the estimate for removal of asbestos?
- A3. The Hazardous Materials Survey report details areas where hazardous materials have been identified. This report is included in the Appendix of the Bid Documents Specs, available at BPS Planwell website and Contra Costa Builders Exchange. Quantities are not specified.
- Q4. What are the Liquidated Damages for this project?
- A4. As referenced in the Notice to Bidders, Liquidated Damages shall be set for one thousand five hundred dollars (\$1500.00) for each calendar day that the work is delayed,

PRODUCTS/MANUFACTURERS FOR CONSIDERATION AS EQUAL

1. Section 07510 GAF Materials Corp, Specification I-B-4-M(EC)/P6 is accepted as EQUAL PRODUCT to the roofing membrane system specified.
Malarkey Roofing Products Specification R4-AH0 WILL NOT be accepted as EQUAL PRODUCT to the roofing membrane system specified, as no compatible roof insulation board was submitted for review.
2. Section 09670 Dex O Tex A-81 is accepted as EQUAL PRODUCT to Stonhard Leveling Compounds specified.
3. Section 10100 Arco Porcelain on Steel Marker Boards are accepted as EQUAL PRODUCT to Claridge Products Marker Board specified.

C. SPECIFICATIONS:

1. Section 02520 – Site Concrete: **REPLACE** the entire Specification section with new Section 02520 provided in this addendum.
2. Section 09900 – Paints and Coatings:
a. Paragraph 3.04 A is revised as follows:
A. Mechanical equipment, ductwork and piping and Electrical conduit shall be painted, color as selected by Architect.
4. Section 10255 – Headwall Units:
a. Paragraph 1.02 is revised as follows:
1.02 RELATED REQUIREMENTS
A. Section 15480 – Special Piping Systems
B. Section 15490 – Medical Laboratory Gas Systems
C. Section 16110 – Raceways
D. Section 16120 – Wires, Cables and Connectors
E. Section 16130 – Boxes
F. Section 17740 – Structured Cabling
5. Section 12450 – Bench Cushions:
a. Paragraph 1.02 A is revised as follows:
A. Section 06410 – Custom Cabinets.
6. Section 12490 – Roller Shades:
a. Paragraph 1.02 A is revised as follows:
A. Section 06114 – Wood Blocking and curbing: Wood blocking and grounds for mounting roller shades and accessories.

MECHANICAL SPECIFICATIONS

1. Section 15930 – Air Terminal Units:
a. Paragraph 2.01J is revised as follows:
J. Provide 24VAC control to VAV boxes via control transformer tree. Division 16 to

provide 120V to VAV control transformer tree. Refer to HVAC floor plan for location.

2. Section 15950 – Building Automation System:
 - a. Section reference in paragraph 1.02 B is revised to **15950**.
 - b. Division reference in paragraph 1.02 C.2d is revised to **Division 16**.
 - c. Paragraph 1.02 I.2a is revised as follows:
 - a. All power wiring to **VAV control transformer tree and BAS panels. Refer to HVAC floor plan for location.**

ELECTRICAL SPECIFICATIONS

1. Section 16110
 - a. At paragraph 3.02, A.2c ADD **“All exposed conduit shall be painted to match the surface that it is mounted on. Color as selected by Architect.”**
2. Section 16962 – Electrical Acceptance Testing:
 - a. At paragraph 1.04 A, Division reference for submittals is **DIVISION 16**.

TELECOM SPECIFICATIONS

1. Section 17740 – Structured Cabling:
 - a. At paragraph 1.04D, Section reference is revised to **17730** – General Provisions.

D. DRAWINGS

ARCHITECTURAL DRAWINGS

1. Refer to Drawing T-01:
 - a. **ADD** abbreviation “POC” and definition “Point of Connection” to Abbreviations section on this sheet.
 - b. “Wall Types” Legend shown on this sheet is **DELETED** as NOT USED. Wall types shown in “Floor Plan Legend” on sheets A-1.1A, A-1.2 and A-1.3 supersede the deleted legend on T-01.
2. Refer to Drawing A-1.1A:
 - a. Keynote D18 is revised as follows: **“All (E) Pyrex piping is to be removed. See Plumbing drawing PD-1.1 for demolition requirements.”**
 - b. **ADD** General Note 16 as follows:
 16. **All copper feeders and conductors scheduled to be removed and replaced shall be coiled and turned over to the Buildings and Grounds Department.**
3. Refer to Drawing A-1.1B:
 - a. Keynote 23 is revised as follows: **“(E) Stl. Handrails to be removed, salvaged and delivered to College for re-use.”**
4. Refer to Drawing A-1.2:
 - a. Detail references at northwest and southwest corners of EMT Storage 912B are **REVISED** to **1/3.02**.
 - b. **ADD** General Note 7 as follows:
 7. **Provide two (2) layers embossed aluminum as cover over existing interior rain water leader insulation, where exposed. Include aluminum elbows where offsets occur.**
5. Refer to Drawing A-1.3:
 - a. Detail reference at north wall of Corridor 919B between gridlines 8 and 9 is **DELETED** as NOT USED.
6. Refer to Drawing A-1.4:
 - a. At rooms 915, 917 and 924, **DELETE** references to number of panels.
 - b. **ADD** General note 8 as follows:
 8. **See INTERIOR ELEVATIONS for quantities and sizes of acoustical wall panels typ.**

7. Refer to Drawing A-2.2:
 - a. Detail reference at wall between rooms 921 and 916A at soffit is **REVISED** to **16/5.02**.
 - b. At room 922B, provide lighting as shown on E-2.1.
8. Refer to Drawing A-3.1:
 - a. Keynote D4 is revised as follows:

(E) Mechanical Enclosure Screen, including structural supports, pitch pockets etc. to be removed. **Enclosure Screen shall be removed as part of PHASE 1 . S.M.D. for additional information on demolition and phasing for Mechanical equipment.**

Remainder of keynote remains with no change.
9. Refer to Drawing A-3.2:
 - a. Keynote 18 is revised as follows:

(N) 30x30 walkway pads. **Quantities as required.**
10. Refer to Drawing A-4.1:
 - a. At Detail 1, **ADD** note "**Refer to Door Schedule sheet 8.01 for Accessible Entrance Signage to be located between doors**"
11. Refer to Drawing A-7.1, AR-21:
 - a. Door actuator push plates for door 835-X2 are relocated to new bollard as shown on AR-21. Reference door HW group revision on sheet 8.01
12. Refer to Drawing A-7.2:
 - a. At Detail 1 plan, detail reference for paving joint along gridline E.9 between 10.2 and 10.6 is **REVISED** to **7/2.01 SIM**.
 - b. At Detail 1 plan, circle shown between the two sets of double doors is a drafting error – please disregard.
13. Refer to Drawing 2.01, AR-19:
 - a. At detail 6/7.01, **REVISE** Cementitious topping note as follows: "(N) Cementitious topping (compatible with elastomeric coating). **Max.** 2% away from F.O. Wall to comply with ADA Accessibility Requirements and slope to drain".
 - b. Detail 7/2.01 is revised per AR-19.
14. Refer to Drawing 3.01:
 - a. Assembly keynote 5 on detail 20/3.01 is revised to "**Four-ply BUR membrane system with base sheet and mfr. standard white cap sheet**". Remainder of keynote remains with no change.
15. Refer to Drawing 3.02, AR-22:
 - a. Detail 16/3.02 is revised per AR-22.
16. Refer to Drawing 3.03:
 - a. At detail 8/3.03, **REVISE** wood blocking note as follows: "Cont. Wd. **Furring** typ."
17. Refer to Drawing 4.05:
 - a. At detail 6/4.05, **ADD** note "**Refer to revised details 13+18/6.04 per Addendum #1 sketch AR-13 for attachment of counter to metal framing**".
18. Refer to Drawing 5.02:
 - a. At detail 1/5.02, fabric wrapped acoustical ceiling panel designation should be **AC-3**. Reference spec section 09850.
 - b. At detail 1/5.02, **REVISE** Escutcheon Plate note with "**Provide Mfr. Std. grommet typ.**"
 - c. At detail 2/5.02, fabric wrapped acoustical ceiling panel designation should be **AC-4**. Reference spec section 09850.
 - d. At detail 17/5.02, **ADD** note "**Refer to Det. 8/5.01 for Suspended Ceiling Bracing Assembly for diagonal bracing**".
19. Refer to Drawing 6.02:
 - a. At Elevation 2 in Workroom 923, section detail reference is **REVISED** to **20/6.04**.

20. Refer to Drawing 6.04:
 - a. Drawing title of detail 5/6.04 is **REVISED** to “**Typical Casework Backing and Anchorage**” and applies to all casework shown in project.
 - b. At detail 15/6.04, **ADD** note “**Refer to Typical Casework Backing and Anchorage detail 5 this sheet for additional information.**”
21. Refer to Drawing 7.01, AR-20:
 - a. Detail 20/7.01 is revised per AR-20.
22. Refer to Drawing 7.02:
 - a. At detail 12/7.02, tapered insulation board shall be sloped away from mechanical curb for positive drainage.
23. Refer to Drawing 8.01:
 - a. HW group number for door 835-X2 is revised to **01A**.
 - b. Revise door number **912-X1** from type “**C1**” to type “**B**”.
24. Refer to Drawing 9.01:
 - a. Title for second column from left should be “**FLOOR**”.
 - b. Title for third column from left should be “**EAST WALL**”.

STRUCTURAL DRAWINGS

1. Refer to Drawing S1.0:
 - a. Under IV. Materials, **ADD** the following note:
7. Xypex Admixtures: Type C-500 as manufactured by Xypex Chemical Corporation. Follow manufacturer’s recommendations.
2. Refer to Drawing S5.3:
 - a. At detail 18/S5.3, **ADD** the following note:
Note: (N) Conc. for patching (E) S.O.G. shall contain XYPEX Admixture. See General Notes.
 - b. At detail 18/S5.3, (N) Conc. Infill note shall be revised to “(N) Conc. Infill **with Xypex Admixture** in (e) Slab-on-grade, thickness to match (E) Slab-on-grade.”

MECHANICAL DRAWINGS

1. Refer to Drawing M-2.2, MR-13:
 - a. Keynote 13 is revised to read: “See Floor Plan **M-2.1A** for duct continuation.”
 - b. Revised description drawing sheet M2.2, Roof Plan - Mechanical: Revise horizontal fanwall to vertical configuration to AHU-1 and AHU-2 per MR-13. Duct transitions also grow longer.
These revisions will be reviewed during the submittal review process.
There are no overall impact to the unit cost, operating weight, unit dimension, footprint, and air performance.
2. Refer to Drawing M-4.1, MR-12:
 - a. At Pump Schedule, note 6 is revised per MR-12 to “**Provide coating to pass 500 hours salt spray test according to ASTM**”
3. Refer to Drawing M-6.1, MR-014, MR-015:
 - a. Added Current Transmitter (CT) to fan supply and return fan motor at Detail 1 per MR-014.
 - b. Added note #2 referring to airflow measurement station per MR-014.
 - c. Added Current Transmitter (CT) to pumps control diagram detail 2 per MR-015.
4. Refer to Drawing M-6.2, MR-016:
 - a. Revised control details 1 and 2 per MR-016.
5. Refer to Drawing M-6.3, MR-017:
 - a. Revised DDC Control Architecture detail per MR-017.

PLUMBING DRAWINGS

1. Refer to Drawing PD-1.1:
 - a. Sheet Keynote 1 is revised as follows: "Remove (E) sink and associate appurtenances. **Remove all existing Pyrex piping to the last pipe segment stub at wall of floor below. Provide airtight rubber cap with compression band. Patch hole to match existing wall.**"

ELECTRICAL DRAWINGS

1. Refer to Drawing E2.1:
 - a. At Drawing E-2.1, the lighting switch(es) located at door in rooms 901 and 913, are located to north side of door. See AR-1 included in Addendum #1 for shifted door location.
 - b. At Drawing E-2.1, the exit sign located at exit door in rooms 901 and 913, is located above door. See AR-1 included in Addendum #1 for shifted door location.
2. Refer to Drawing E-3.1:
 - a. At Drawing E-3.1, the j-box designed by keynote 36 in rooms 901 and 913, are located to north side of door. See AR-1 included in Addendum #1 for shifted door location.

FIRE ALARM DRAWINGS

1. Refer to Drawing F-1.0:
 - a. Revise Sheet Keynote 4 as follows: "**Locate new Digital Alarm Communicating Transmitter (DACT) in Sector 8A Mezzanine Electrical Room 2403. This DACT shall be connected to the FACP at third floor Sector 8. Remove existing DACT. Provide dedicated branch circuit to new DACT. Coordinate final location with Architect.**"
2. Refer to Drawing F3.1:
 - a. At Drawing F-3.1, fire alarm devices located at door in rooms 901 and 913 are located to the north side of door. See AR-1 included in Addendum #1 for shifted door location.

TELECOM DRAWINGS

1. Refer to Drawing TC-1:
 - a. At Office 926, see sheet E-3.1 for location of data outlets; the data outlets shall be location at the north wall, adjacent to the electrical outlets.

ATTACHMENTS

The following attachments are part of Addendum No. 2:

SPECIFICATION SECTIONS

Section 02520 – Site Concrete

DRAWINGS

AR-19, AR-20, AR-21, AR-22

MR-12, MR-13, MR-014, MR-015, MR-016, MR-017

MISCELLANEOUS

Staging Site Plan

END OF ADDENDUM