



State of Utah

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ADDENDUM #2

Date: March 7, 2008

To: Contractors

From: Craig Wessman, Project Manager, DFCM

Reference: Science Building Remodel
Dixie State College – St. George, Utah
DFCM Project No. 07043640

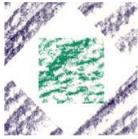
Subject: **Addendum No. 2**

Pages	Addendum	1	page
	<u>Architect's Addendum</u>	<u>5</u>	<u>pages</u>
	Total	6	pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

1.1 **SCHEDULE CHANGES** – There are no changes to the project schedule.

1.2 **GENERAL** – Architects answers to contractors questions.



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Addendum No. 2

Project: Science Building Remodel

Date: 06 March 2008

Address: Dixie State College

Project No.: 0730.01

City, State: St. George, Utah

Owner No.: 07043640

Owner: DFCM

Agency: Dixie State College

To all Bidders of Record:

This addendum forms a part of the contract documents and modifies the original specifications and drawings as noted below. Items of general information are included without reference to the plans and specifications. Revisions to the specifications are referenced by page number and paragraph heading on that page. Revisions to the drawings are reference by the drawing number. Unless otherwise stated, any changes herein offset only the specific drawings, words, or paragraphs mentioned, and the balance of the drawings and specifications remain in full force. Acknowledge receipt of this addendum in the space provided on the Bid form. Failure to do so will subject the Bidder to disqualification.

Item No.	Section or Sheet No.	Description
General Items: 2 -1	Contractor Questions	<p>Question #1: We need ceiling demolition plans. On plan sheet ED101 note 1 says to remove ceilings. This needs to be shown on the architectural sheets.</p> <p>Answer #1: Note 1 on Sheet ED101 refers to Classroom 115, Classroom 116, Computer Lab 117, Cadaver Lab 118, Biology Lab 127, Microbiology Lab 129, Lab Prep 135, Biotech Lab 136, and Classroom 137. The original ceiling tile was removed as part of an abatement project last summer, what remains is the gypsum board substrate the ceiling tile was adhered to. The gypsum board is fastened to furring which is attached to the bottom of the roof joists (see D4/AE901). The intention is to leave the gypsum board and furring in place. However, some demolition will be required to allow access to the structural members above for securing the new suspended ceiling system and mechanical components.</p> <p>Question #2: There is no floor covering demolition called out on the drawings. This needs to be shown on the architectural sheets.</p> <p>Answer #2: The existing floor finish in Classroom 116, Computer Lab 117, Cadaver Lab 118, Biology Lab 127, Microbiology Lab 129, Lab Prep 135, Biotech Lab 136, and Laboratory 209 is to be removed. The floor finish in Office 115A and Lab Prep 115B was previously removed as part of an abatement project last summer.</p>

Item No.	Section or Sheet No.	Description
		<p>Question #3: There is no drawing of the existing ceiling layout in the east end, or physics and astronomy area of the bldg. The electrical drawings show all new light fixtures in this area. Are the existing light fixtures in the same location as the new are to be.</p> <p>Answer #3: The replacement of light fixtures on the first floor, east end addition is addressed on Sheet EL101. Refer to Keyed Note 24. The new fixtures are a one-for-one replacement in the same location as the exiting fixtures.</p> <p>Question #4: There is no light fixture demolition shown in the east end of the bldg on the ED101 plan sheet. The lighting plan show all new fixtures in this area.</p> <p>Answer #4: Refer to Answer #3 above for clarification.</p> <p>Question #5: The walls to be removed in room 118 appear to be masonry. They are shown as stud walls on AD101.</p> <p>Answer #5: The walls shown to be removed in Cadaver Lab 118 on Sheet AD101 are CMU.</p> <p>Question #6: Please identify any areas in the bldg which contain asbestos. Is the asbestos to remain or be removed by owner?</p> <p>Answer #6: There are still some areas in the building which contain asbestos. It is not expected that the remaining asbestos will be disturbed by the work in this project. However, if materials suspected of containing hazardous materials are encountered they will be removed by the Owner under a separate contract (see Specification 01732, Page 3, Part 1, Section 1.7, Paragraph D).</p> <p>Question #7: In the Project Manual there is Specification 08800 - Glazing, but it is unclear where glazing will be used in the project.</p> <p>Answer #7: Some of the laboratory casework has glazed doors (see Casework Elevations on Sheets AE401 and AE402).</p> <p>Question #8: There appears to be no specifications for sinks.</p> <p>Answer #8: Refer to Items 2-2 and 2-3 below in this Addendum.</p>

Item No.	Section or Sheet No.	Description
Specifications Items:		
2 -2	15410-4	Part 2, Section 2.3: Revise to read 'SINKS FOR EPOXY RESIN COUNTERTOPS (BY OTHERS).'
2 -3	15410-5	Part 2 - Add the following: 2.5 SINKS FOR ENGINEERED QUARTZ COUNTERTOPS S-2 A. Commercial Sinks, Single Compartment. 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following: a. Elkay Manufacturing Co. model ELU2115 M b. Just Manufacturing Company. c. Prior approved equal. 2. Description: One-compartment, under counter-mounting, type 316 stainless steel commercial sink. a. Overall Dimensions: Coordinate with architect. b. Metal Thickness: 18 Gauge. c. Compartment: 1) Drain: NPS 1-1/2 tailpiece with stopper. a) Location: Centered in compartment.
2 -4	16500-2	Part 2, Section 2.2: A. Change electronic fluorescent lamp ballasts to an Instant Start Low Wattage type with minimum 0.77 Ballast Factor equal to Advance Optanium Series, Catalog Number IOP-2P32-LW-SC for 2 Lamp Ballast, and the same series for 1, 3, and 4 lamp ballasts. 1. Provide ballasts specifically designed for the quantity of lamps to be operated. Do not use 2 lamp ballast to operate 1 lamp. 2. Submit specific ballast manufacturer and catalog numbers to be provided for each fixture type with the fixture shop drawing submittals. B. Change linear fluorescent lamps from reduced wattage type to High Performance Type equal to Phillips F32T8/ADV835/ALTO to produce 3,100 Initial Lumens and with 30,000 Hour lamp life based on 3 hour start. 1. Provide submittals for fluorescent lamps.
Drawing Items:		
2 -5	AD101	Cadaver Lab 118: Add the following note to the walls shown to be demolished 'EXISTING CMU WALL TO BE DEMOLISHED'.

Item No.	Section or Sheet No.	Description
2 -6	AD101	Classroom on the east side of Office 115A and Lab Prep 115B: Add the following room name and number 'CLASSROOM 115' in this space.
2 -7	AD101	Classroom on the east side of Biotech Lab 136: Add the following room name and number 'CLASSROOM 137' in this space.
2 -8	AD102	Plan Demolition Legend as it pertains to Chemistry Lab 204: Revise description 'EXISTING CHEMISTRY LAB BENCH ... & REINSTALL COUNTERTOP & SINK, TYPICAL ...' to read 'EXISTING CHEMISTRY LAB BENCH ... & INSTALL NEW EPOXY RESIN COUNTERTOP TO MATCH EXISTING , TYPICAL ...'.
2 -9	AD102	Chemistry Lab 204: After the utility piping, associated with demolished lab benches, is removed and capped – fill hole in floor with non-shrink grout.
2 -10	AD102	Laboratory 209: After the utility piping, associated with demolished lab benches, is removed and capped – fill hole in floor with non-shrink grout.
2 -11	AE101	Classroom on the east side of Office 115A and Lab Prep 115B: Add the following room name and number 'CLASSROOM 115' in this space. Add the following finish designations 'FLOOR FINISH - 3' and 'WALL FINISH - A'.
2 -12	AE101	Classroom on the east side of Biotech Lab 136: Add the following room name and number 'CLASSROOM 137' in this space. Add the following finish designations 'FLOOR FINISH - 3' and 'WALL FINISH - A'.
2 -13	MP601	Plumbing Fixture Schedule: Add Fixture S-2 as described above in Item 2-3.
2 -14	ED101	Clarification: Existing ceiling will not be replaced in Storage 115A and Office 115B, see Architect's Reflected Ceiling Plan, Sheet AE111.
2 -15	ED101	Storage 115A and Office 115B: Remove existing recessed incandescent fixtures, including recessed fixtures at fluorescent fixture locations. Provide new flush outlet box in existing ceiling for installation of new surface mounted fixtures.
2 -16	EL101	Storage 115A: Change new F-5 Fixture to F-1 Fixture.

Item No.	Section or Sheet No.	Description
2 -17	EL101	Office 115B: Change 3 F-7 Fixtures to 4 F-19 Fixtures. F-19 Fixtures shall be of the same manufacturer and series as F-1 Fixtures except 3 Lamp with one 3 lamp < 10% THD Electronic Ballast.
2 -18	EL101	Office 115B: Install occupancy sensor in existing ceiling. Install occupancy sensor switchpack in accessible ceiling space of Classroom 116.
2 -19	EL102	Fixture Schedule: A. Change electronic fluorescent lamp ballasts to an Instant Start Low Wattage type with minimum 0.77 Ballast Factor equal to Advance Optanium Series, Catalog Number IOP-2P32-LW-SC for 2 Lamp Ballast, and the same series for 1, 3, and 4 lamp ballasts. B. Change linear fluorescent lamps from reduced wattage type to High Performance Type equal to Phillips F32T8/ADV835/ALTO to produce 3,100 Initial Lumens and with 30,000 Hour lamp life based on 3 hour start.

Prior Approvals:

2 -20

ELECTRICAL

Listing herein of the following equipment submitted for prior approval indicates that the brand name and general characteristics are acceptable, but does not relieve the Contractor of the responsibility of providing equipment and accessories as specified in the Contract Documents unless specific mention of the departure was made in the submittal and acknowledged in writing by the Architect and/or Engineer.

ITEM	MANUFACTURER	CAT. NO.
Fixture F-10	Lithonia Luminaire Lighting WF Harris	VR4C-70S-TB-PE-QRS SWP 1212-70HPS-120-CP-BRZ-QR-PC 1200-VL-HZ-CP-70HPS-HPF-120-PC-QRS
Fixture F-17	Fail-Safe Luminaire Lighting	FWE-232-UNV-EB81 LVP-524-LH-120-ST/SC
Fixture F-18	Atlantic Lighting Spectrum Lighting	SQ12T232E1/2-PR SP12SQ

End of Addendum No. 2