State of Utah

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Department of Administrative Services
KIMBERLY K. HOOD
*Executive Director*

Division of Facilities Construction and Management
DAVID G. BUXTON
*Director*

# ADDENDUM NO. 1

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|---|---|
| Date: | November 2, 2009 |
| To: | Contractors |
| From: | Craig Wessman – Project Manager |
| Reference: | Mechanical Retrofit – BDAC Building<br>College of Eastern Utah – Price, Utah<br>DFCM Project No. |
| Subject: | **Addendum No. 1** |

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|---|---|---|---|
| Pages | Addendum Cover Sheet | 1 | page |
| | Engineer's Addendum No. 1 | 2 | pages |
| | Total | 3 | 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.***

**While we contend that SB220 should only be potentially applicable to a contract issued after the effective date of said bill, this is to clarify that for purposes of this contract, regardless of the execution or effective dates of this contract, the status of Utah Law and remedies available to the State of Utah and DFCM, as it relates to any matter referred to or affected by said SB220, shall be the Utah law in effect at the time of the issuance of this Addendum.**

**1.1 SCHEDULE CHANGES:** No Project Schedule changes.

**1.2 GENERAL ITEMS:** See attached Engineer's Addendum No. 1.

# ADDENDUM

Project Name: College of Eastern Utah - BDAC | Addendum No.: 1

DFCM Project # 09092610 | Date: November 2, 2009

From: WHW Engineering Inc
8619 South Sandy Parkway
Sandy, Utah 84070
Phone (80) 466-4021 Fax (801) 466-8536

To: All Contractors

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This Addendum forms and becomes a part of the Contract Documents and modifies the original Bidding Documents dated October 2009 as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Two (2) pages.

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**I - CHANGES TO PRIOR ADDENDA:** N/A

**II - CHANGES TO BIDDING REQUIREMENTS:** N/A

**III - CHANGES TO AGREEMENT & OTHER CONTRACT FORMS:** N/A

**IV – CHANGES/CLARIFICATIONS TO CONDITIONS OF THE CONTRACT:** N/A

**V - CHANGES/CLARIFICATIONS TO SPECIFICATIONS:**

**Item V-1.** Section 15186 “Steam Condensate Pumps” paragraph 2.1-F. Motors. Premium efficient motors are not required for condensate pumps.

**Item V-2.** Section 15181 “Hydronic Piping” contractor shall use an all steel piping system or an all copper piping system, not a mixture of the two.

**Item V-3.** Section 15900. The DDC System for the campus is by Utah Controls. Controls shall be provided and installed by Utah Controls. Control valves. Shall be provided by control contractor and installed by mechanical contractor.

**Item V-4.** Section 15900 “Controls”. The control valves that were installed in the last update may be reused if valves are large enough for the new gpm. Replace all 3-way valves, with two-way valves.

**VI - CHANGES/CLARIFICATIONS TO DRAWINGS:**

**Item VI-1.** Drawing MD 401 note 31. Change note to read “Remove the total heat recovery system including piping, equipment, valves, controls, hangers, seismic restraints, etc. in equipment room only. Cap risers.”

**Item VI-**2, Drawing ME-601: VAV Box schedule - Add to schedule VAV 208 with the following information: Serves rms: 218 &219 inlet dia 8” max cfm 620, APD (in) .47; heating coil EAT 55°F; coil LAT 100°F; coil BTUH 24,000; flow gpm 1.6; EWT 108° F; LWT 150° F; Rows 2; max NC level 25; manufacture model Price SDV.

**Item VI-**3. Drawing ME601: In order for the Controls Contractor and Balancing Contractor to size control valves and balance to the new CFM’s and GPM’s required, the following information is added for the existing VAV boxes.

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| VAV 101 1.7 GPM | 600 CFM |
| VAV 102 9.5 GPM | 3000 CFM |

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|---|---|
| VAV 103 8.4 GPM | 3130 CFM |
| VAV 113 2.4 GPM | 400 CFM |
| VAV 201 2.9 GPM | 1200 CFM |
| VAV 202 2.9 GPM | 1200 CFM |
| VAV 203 2.9 GPM | 1200 CFM |
| VAV 204 2.9 GPM | 1200 CFM |
| VAV 205 2.9 GPM | 1200 CFM |
| VAV 209 3 GPM | 1200 CFM |
| UH -1 - 12.6 GPM | - 4 req'd |
| FC-1 - 8.5 GPM | - 2 req'd |

**Item VI-**4. Drawing ME102 - VAV Box 208. Change HWS and HWR from 3/4" dia. to 1/2" dia.

PRIOR APPROVALS

THE FOLLOWING ITEMS, AS SUBMITTED, ARE CONSIDERED, IN GENERAL AND IN NAME ONLY, AS EQUAL TO THOSE ITEMS SPECIFIED. THIS REVIEW DOES NOT RELIEVE THE CONTRACTOR OR SUPPLIER OF THE RESPONSIBILITY OF CONFORMING TO THE DRAWINGS AND SPECIFICATIONS, NOR DOES IT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS FOR COORDINATION WITH OTHER TRADES. ALL DIMENSIONS SHALL BE CONFIRMED AND CORRELATED AT THE JOBSITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS AND THE SUITABILITY OF "EQUAL" PRODUCTS FOR THE SPECIFIED APPLICATION.

| **Description** | **Manufacturer** |
|---|---|
| Test and Balance | Independent Test and Balance |
| Steam Traps | Watson McDaniel |
| Condensate Pump Set | Watson McDaniel, Skidmore, FloFab |
| Steam to Hot Water Convertor | JFD, Cemline, Howards Engineering |
| VAV Boxes | Air Specialties |
| Hydronic Pumps | Weinman, FloFab |
| Auto Air Vents | Wheatley, Watson McDaniel, FloFab |
| Circuit Setters | Danfoss, Gerand |
| Check Valves | IFC, Metraflex |
| Strainers | IFC, Metraflex, FloFab |
| Suction Diffusers | PACO, Weinman, FloFab |
| Triple Duty Valves | PACO, FloFab |
| Vacuum Breakers | Barnes & Jones, Conbraco, McDonnell & Miller |
| Flex Connectors | Twin City, FloFab |
| Steam Safety Valves | Watson McDaniel |
| Chemical Pot Feeder | FloFab |
| Balancing Valves | FloFab |
| Expansion Tank | FloFab |
| Airtrol Fittings | FloFab |