



State of Utah

GARY R. HERBERT
Governor

GREGORY S. BELL
Lt. Governor

Department of Administrative Services

KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management

DAVID G. BUXTON
Director

ADDENDUM NO. 2

Date: November 22, 2011

To: Invited Contractors

From: Bianca Shama

Reference: Various Energy Upgrades – Weber Valley Detention Center
Division of Juvenile Justice Services – Roy, Utah
DFCM Project No. 11023430

Subject: **Addendum No. 2**

Pages	Addendum Cover Sheet	1 page
	<u>Engineer's Addendum No. 2</u>	<u>2 page</u>
	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.

2.1 SCHEDULE CHANGES: There are no Project Schedule changes.

2.2 GENERAL ITEMS: See attached Engineer's Addendum No. 2 dated November 22, 2011.



ADDENDUM # 2

Date: November 22, 2011
Project: Weber Valley Youth Detention Facility
Roy, Utah
Chiller Replacement & Stand-alone HVAC Unit

MECHANICAL

1. Contractor is responsible for removing and disposing of the existing chiller and associated existing chilled water piping indicated on the drawings.
2. Provide new schedule 40 ASTM A53 black steel pipe for the new chiller as indicated on the drawings.
3. The exterior chilled water piping shall be insulated with 1-1/2" preformed fiberglass insulation with an all service jacket.
4. All exterior chilled water piping shall have an aluminum jacket.
5. The existing ceiling supply air diffusers and existing ceiling return air grilles in the Control Room 186 shall be removed.
 - a. Removed the existing branch supply air ductwork serving the existing ceiling diffuser in the control room ceiling diffuser. Cap the ductwork at the main.
 - b. Remove the existing branch return ductwork serving the existing control room return air grille. Cap the ductwork at the main.
6. The existing stand-alone air conditioning unit in Control Room 186 has no ductwork.
7. Chiller shall be provided with a disconnect switch furnished with the chiller.
8. The contractor shall be responsible for filling out the forms for the energy rebates. The following are links to the information from Rocky Mountain Power:
 - a. The requirements for a standalone HVAC unit to qualify for Rocky Mountain Power incentive:

http://www.rockymountainpower.net/content/dam/rocky_mountain_power/doc/Business/Save_Energy_Money/UT_FinAnswer_Express_HVAC_Incentives.pdf

- b. The minimum energy efficiency requirement for a chiller to receive a RMP rebate is: http://www.rockymountainpower.net/content/dam/rocky_mountain_power/doc/Business/Save_Energy_Money/UT_FinAnswer_Express_OtherEquipment_Incentives.pdf

- c. The application for Rock Mountain Power Incentives: http://www.rockymountainpower.net/content/dam/rocky_mountain_power/doc/Business/Save_Energy_Money/UT_FinAnswer_Express_NonLighting_Application.pdf

DISCIPLINES

Mechanical Engineering
Electrical Engineering
Technology Design
Acoustical Engineering
Lighting Design
Theatre Design
Fire Protection Engineering
Building Commissioning

CENTERS OF ENGINEERING EXCELLENCE

Healthcare
Higher Education
K-12 Education
Government
Houses of Worship
Special Projects

SALT LAKE CITY

324 S. State Street
Suite 400
Salt Lake City, UT 84111
phone: 801-328-5151
fax: 801-328-5155

PHOENIX

1501 W. Fountainhead Parkway
Suite 340
Tempe, AZ 85282
phone: 480-621-3444
fax: 480-621-3445

www.spectrum-engineers.com
800-678-7077

November 22, 2011
Weber Valley Youth Detention Facility, Roy, Utah
Addendum # 2
Page 2 of 2

ELECTRICAL:

1. Provide a new circuit from the existing electrical panel to the new chiller. Provide a new 400 amp breaker in the existing panel. The new breaker shall have an adjustable trip.
2. Provide new 3-1/2" conduit, with (3)#500 and (1) # 3 ground wire between the new 400 amp breaker to the disconnect switch at the new chiller

If there are any questions please feel free to contact our office.

Sincerely

A handwritten signature in black ink that reads "Ray W. Moore". The signature is written in a cursive, flowing style.

Ray W. Moore, P.E. CPD, LEED AP
Principal, Mechanical/Plumbing Engineer