



State of Utah

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Department of Administrative Services

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Division of Facilities Construction and Management

DAVID G. BUXTON  
Director

## ADDENDUM NO. 4

Date: March 11, 2009

To: Short-Listed Contractors

From: Brian Bales, Project Manager, DFCM

Reference: Security Improvements – Lone Peak Facility  
Department of Corrections – Draper Prison  
DFCM Project No. 07354100

Subject: **Addendum No. 4**

Pages	Addendum Cover Sheet	1 page
	Specific DFCM Project Requirements	3 pages
	<u>Architect's Addendum</u>	<u>14 pages</u>
	Total	18 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.

**4.1 SCHEDULE CHANGES:** No schedule changes.

**4.2 GENERAL ITEMS:**

4.2.1 Specific DFCM Project Requirements attached.

4.2.2 Architect's Addendum attached.

## **ADDENDUM #4**

### **Security Improvements, Lone Peak facility Project # 07354100 SPECIFIC DFCM PROJECT REQUIREMENTS**

1. **Scope**

The contractor shall study the project plans and specifications prior to bid to fully understand the scope of work. Prior to bid, it is the contractor's responsibility to understand the details and scope of any subcontracted work and the costs associated with the performance of work by subcontractors.

2. **Risk**

The contractor shall identify risks for the project.

3. **General Conditions**

Prior to bidding this project, the contractor shall review the DFCM General Conditions paying special attention to the following articles.

- a. 4.1.5 Intent and hierarchy
- b. 4.2.2 Responsibility
- c. 6 Protection of persons and property

4. **Demolition**

The contractor is solely responsible to determine the means and methods for demolition. Adequate safety for personnel and property shall be provided. If required, temporary shoring, bracing and protection shall be provided. Due to the scale of the drawings, it is impossible to show the impact of every demolished surface on surrounding surfaces and structures. It is the contractor's responsibility to identify the extent and cost of repair work for surfaces that adjoin and are indicated to remain in place. Those costs shall be included in the contractors bid.

5. **Or Equal Products**

When the project has been designed with a specified manufacturers products and "or equal" products are allowed, all or equal products shall be equivalent in performance, color and physical characteristics. Products that do not meet these criteria will be considered to be a lower quality or lower cost product and will not be considered. It is the contractor's responsibility to insure prior to bid that all "or equal" products meet the stated criteria and specific project requirements. This includes products supplied by subcontractors.

## SPECIFIC DFCM PROJECT REQUIREMENTS

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6. **ADA Accessibility**  
For remodel and improvement projects providing correct ADA compliance is a coordinated effort between the architect and the contractor. During the construction phase, the contractor shall coordinate closely with all trades so as to meet the requirements of the drawings and specifications. The contractor shall insure that all ADA required slopes and dimensions are maintained after the final finishes are applied. The contractor shall closely monitor the toilet stub ups and tile wall build up thickness. The contractor shall use the designed float or bust allowances to maintain the correct ADA requirements. Where the plans do not provide enough float or bust allowance, it shall be brought to the attention of the A/E before proceeding with ADA aspects of the project.
7. The final bid set of plans and specifications were available for the selected contractors at DFCM on Monday, February 23<sup>rd</sup> in electronic format. It is the contractor's responsibility to insure that the bid is based on the Final plans and specifications provided.
8. Not Used
9. Not Used
10. Not Used
11. Not Used.
12. **Contract documents** : DFCM will provide 1 set of printed plans and specifications which have been Stamped by the DFCM building official. The contractor will be required to provide additional printed sets as needed for construction.
13. **Fabricators**: Off site fabrication structural products and elements shall be performed by certified and approved fabricators. Fabricators shall be approved by The State of Utah building official prior to fabrication. The Fabricators certificate of compliance shall be submitted at the appropriate time. For additional information or clarification please contact the DFCM building officials. There is a link to their department on the DFCM web site.

## SPECIFIC DFCM PROJECT REQUIREMENTS

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### Fabricator's Certificate of Compliance

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Each approved fabricator that is exempt from Special Inspection of shop fabrication and implementation procedures per section 1704.2 of the International Building Code must submit a *Fabricator's Certificate of Compliance* at the completion of fabrication.

Project:

Fabricator's Name:

Address:

Certification or Approval Agency:

Certification Number:

Date of Last Audit or Approval:

Description of structural members and assemblies that have been fabricated:

I hereby certify that items described above were fabricated in strict accordance with the approved construction documents.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

Attach copies of fabricator's certification or building code evaluation service report and fabricator's quality control manual



SCOTT P. EVANS – ARCHITECT & ASSOCIATES P.C.

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March 11, 2009

**PROJECT:**

**Department of Corrections  
Draper Prison  
Lone Peak Facility  
Security Improvements**

Draper Prison,  
Draper, Utah

**OWNER:**

State Of Utah - DFCM  
4110 State Office Building  
Salt Lake City, Utah 84114

**DFCM PROJECT NUMBER: 07354100**

## **ADDENDUM NO. # 4**

The data included herein is issued by the Architect as a clarification and addition to drawings, specifications, and contract documents relative to the above project. Except as effected by data herein, all other parts of the Contract Documents shall remain in full force and effect as issued by the Owner, **February 9, 2009**. (This Date Applies to all Project Bid Documents). It shall be the sole responsibility of the bidder to appropriately disseminate this data to all concerned prior to the assigned bid date and time. **Receipt of the addendum shall be recorded by the bidder in the appropriate space on the proposal form included in the Contract Documents.**

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“Our Success Is Measured By The Level Of Our Client’s Success”.

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# **I. GENERAL ITEMS**

## **ITEM #01**

**Question:** “Is this project “Tax Exempt”?”

**Answer:** Taxes shall be included in the Contractor’s bid. The Department of Corrections is not tax-exempt for this project.

## **ITEM #02**

**Question:** “Is the “Builder’s Risk Insurance” and “Permits and Fees” by the Owner or by the Contractor?”

**Answer:** The Contractor should review and comply with the DFCM General Conditions regarding insurance requirements. The General Conditions are incorporated into the bid documents and subsequent contract by reference. Permits and fees will be paid by the State of Utah.

## **ITEM #03**

**Question:** “Will cast-in-place guard towers be acceptable?”

**Answer:** No. Precast unit must be provided.

## **II. ARCHITECTURAL**

## **A. SPECIFICATION ITEMS**

### **ITEM #01 Section 3450 Paragraphs 2.4.A.1 and 2.4.E**

**Question:** The spec's indicated a white/gray cement with potential pigmentation. What is the color to look like?

**Answer:** The color of the cement is to be gray.

### **ITEM #02 Section 3450 Paragraphs 2.13.A**

**Question:** The spec's mention matching approved samples. What are they?

**Answer:** There are no preapproved samples. Samples shall be submitted and approved during the submittal process. See 3450 1.5D. These are the "approved samples" referenced.

### **ITEM #03 Section 3450 Paragraphs 2.3A and 2.5.A-C**

**Question:** The use of epoxy coated reinforcing seems unnecessary as does the use of stainless steel and both are costly. Are they really required?

**Answer:** Epoxy coated reinforcing and stainless steel connection materials are not required except if specifically called for on the structural drawings.

### **ITEM #04 Section 3450 Paragraphs 2.10.A.3**

**Question:** This paragraph appears to be in error and should be removed.

**Answer:** Delete this paragraph.

### **ITEM #05 Section 3450 Paragraphs 2.13.B.1**

**Question:** Prosoko Concrete Sealer should be applied after the precast is erected and the structure caulked. Otherwise there could be an adhesion problem with the joint caulking. We would suggest that the painting contractor perform the sealer application as it is not the precaster's expertise.

**Answer:** This makes sense. Either the General Contractor or the precast concrete supplier should make arrangements to have this done as "recommended by the Manufacturer". The architect drawings and specifications do not dictate means or methods.

## **B. DRAWING ITEMS**

### **ITEM #01 - Sheet AE-601:**

Door Type "A": Change from "Security Grade Hollow Metal" to "Standard Grade Hollow Metal – 16 ga."

### **ITEM #02 - Sheet AE-601:**

Door Schedule: The thickness of Door #T101 shall be 2" in lieu of 1 ¾".

### **ITEM #03 - Sheet AE-504 Detail A1:**

**Question:** The detail notes that the Owner will provide the flagpole. Will the Owner provide the 15 GA corrugated steel base tube and grounding spike?

**Answer:** Contractor shall furnish and install the corrugated steel base tube and grounding spike.

### **III. CIVIL**

## **A. SPECIFICATION ITEMS**

### **ITEM #01**

**Question:** “There are no Utility Site Work specifications. Are the CE drawings sufficient?”

**Answer:** The civil engineering plans refer to and use the 2007 version of the American Public Works Associations / Associated General Contractors of America Manual of Standard Plans and Specifications for details and specifications. Specific details have been included in the bid documents.

The APWA/AGE 2007 Standard Plans and Specifications can be downloaded from:  
<http://www.slcgov.com/publicservices/engineering/standards.htm>

## **B. DRAWING ITEMS**

### **ITEM #01 Sheet ES-103**

Contractor shall relocate existing water and irrigation surface features, including water risers and irrigation boxes out from between the inner and outer security fences. The applies particularly to three existing surface features found in between the northern run of fence, where a water riser and two irrigation boxes were found by survey, but would also apply to any other utility risers that fall between the security fences.

### **ITEM #02 Sheet CE-111**

**Question:** “Plan sheet CE-111 – Why is this fence detail included? See AE504 for the Correct Detail.”

**Answer:** The fence detail on sheet CE-111 is for the short fence along the public parking lot. The detail on AE-504 is for the security fence surrounding the facility building.

### **ITEM #03 Sheet CE-103**

Add the following to Keyed Note #16: Gravel must be a minimum of 4” deep, graded smoothly to drain. The microwave security system requires that there are no inconsistencies or waves in the top surface of the gravel of more than 1 ½” from surrounding gravel surfaces in any direction.

### **ITEM #04 Sheet CE-103**

Add the following to Keyed Note #23: The agency will require an additional valve at the main. This will require saw-cutting the asphalt pursuit road, placing the valve outside, but as close as possible to the outer security fence, and then patching the pursuit road as necessary per APWA standard plan No. 225.

## **IV. STRUCTURAL**

## **ITEM #01**

**Question:** Wall thicknesses are not called out. We assume that this is determined by the precast while maintaining the interior dimensions?

**Answer:** The architectural drawings call for a wall thickness of 8", however the final thickness of the precast walls shall be determined by the precast engineering while maintaining the interior dimensions.

## **ITEM #02**

**Question:** Is prestressing of the wall panels acceptable? Prestressing strand is not mentioned in the spec's.

**Answer:** No. Wall panels shall be constructed per specifications.

## **ITEM #03**

**Question:** Are there any special requirements to perform welding inside the existing building for the Control room steel framing? Or do you want to change to bolted connections as discussed in the pre-bid meeting.

**Answer:** Bid as indicated. Provide standard welding precautions needed to protect both the building and the occupants.

## **V. MECHANICAL**

# **A. DRAWING ITEMS**

## **ITEM #01 Sheet ES-103**

**Question:** “HVAC split system should not be specified as Mitsubishi only. Are equals allowed?”

**Answer:** Drawing ME-501 shows four (4) acceptable manufacturers and models that are equivalent to the Mitsubishi Ductless Split Air Conditioning Unit..

## **VI. ELECTRICAL**

## **A. SPECIFICATION ITEMS**

### **ITEM #01 Section 16728 Paragraph 2.2.A**

Change MX-5000 to MX-7000.

Add the following: Provide the PSYCON CPU and touch screen.

### **ITEM #02 Section 16728 Paragraph 2.4**

Add the following paragraph:

D. The Contractor is required to use Magal Senstar cables and install per manufacturers warranty.

### **ITEM #03 Section 16728**

The Department of Corrections will be conducting inspections during the installation of the Magal Senstar security products. The Contractor will be required to install factory provided cables and equipment and shall install system according to factory provided instructions. Contractor shall consult with Doug LaBarge (800) 676-3300 or (408) 313-3086 at Magal Senstar prior to bid. The Contractor shall be informed of the inspections during installation of the system.

### **ITEM #04 Section 16760**

**Question:** Bidder noticed in the intercom section that it only has two vendors, Aiphone and TSK. Will you allow other intercom manufacturers such as Dukane or Viking?

**Answer:** Yes, for the Aiphone installation at Tower 2 only with the understanding that whatever intercom (IC) systems used for Tower 2 it must include a door release button. There is no door control panel in Tower 2 to open any doors.

## **B. DRAWING ITEMS**

### **ITEM #01 Sheet ES-103**

There are various exposed junction boxes and other electrical items exposed within the secure fence area. The Contractor shall coordinate with the prison staff to identify the use of these electrical items and shall extend conduits as required to relocate the items to outside the security fence area. The Contractor shall re-pull cables, conductors to new locations as directed by prison staff. The Contractor shall identify quantity and locations of boxes prior to bid.