



State of Utah

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ADDENDUM NO. 1

Date: October 4, 2011

To: Shortlisted Design/Build Teams

From: Bianca Shama – Project Manager

Reference: Solar Photovoltaic System – Traffic Operations Center (TOC)
Utah Department of Transportation – Salt Lake City, Utah
DFCM Project No. 11045900

Subject: **Addendum No. 1**

Pages Total Addendum 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:** There are no Project Schedule changes.

1.2 **GENERAL ITEMS:**

1.2.1 Question: Should the monitoring system be interactive?

Answer: The monitoring system does not need to be interactive. This will be an informational display in the lobby of the Traffic Operations Center and we want to see an integrated web based interface that will allow UDOT and DFCM to demonstrate the “realtime” performance of the system on the DFCM website.

- 1.2.2 Question: What do you propose for battery enclosure?
Answer: The contractor will propose this. It must meet code and seismic requirements.
- 1.2.3 Question: Can we propose a single cost proposal and two different technical proposals at that same cost?
Answer: Yes.
- 1.2.4 Question: Does one of the roofing contractors listed hold the warranty for the roof?
Answer: We are working to identify the original roofing contractor for this building. If this information is not available, the selected contractor will be expected to provide a 5 year contractor roofing warranty using a DFCM-recommended installer. This form can be found on the DFCM page under Roofing and Paving .
- 1.2.5 Question: What is the minimum setback from roof edges for the solar installation?
Answer: Designers should consider the following when establishing their set back: snow removal, repairs of rooftop, maintenance/replacement of modules, and how it will affect the maximum build out of the system if it was expanded in the future (i.e. inter-row shading, etc.)
- 1.2.6 Question: What is the minimum amperage required at the critical load panel?
Answer: As mentioned in the mandatory pre-bid meeting, the balance of "emergency" and a limited battery bank should drive the sizing of the critical loads panel. In addition, the designer will need to address section 690.64 of the 2008 NEC, when determining the size of the critical load panel.
- 1.2.7 Question: Will stamped electrical drawings be required with the Stage II proposal?
Answer: Stamped drawings will only be required on the installed design. Therefore, these are not required for design proposals.
- 1.2.8 Question: It states that a "Cost and Scope Adjustment Proposal" may be submitted with the Final Management Plan. Is there an official form for a Cost and Scope Adjustment Proposal?
Answer: No. This should be submitted on your company letterhead with a written explanation. This will be reviewed and distributed to the selection committee.
- 1.2.9 Question: Since cost break-outs and pricing information might be included in the Cost and Scope Adjustment Proposal, should all pricing details only be disclosed in the sealed packet, with the official Cost Proposal Form and Bid Bond?
Answer: Yes , anything to do with pricing and bid bonds must be sealed.
- 1.2.10 Question: Which roofer did the original roof installation? Is the roof still under warranty with the original roofer? What manufacturer/material is used for the roof membrane?
Answer: In the absence of original contractor information, the selected contractor will be required to provide roofing warranty and information.

1.2.11 Question: What is the max adjustable array tilt angle required during wintertime production?

Answer: The maximum tilt angle should be no greater than 60 degrees. In analyzing the available roof space, it is determined that more rows can fit at a lesser angle (not less than 41), then that would be considered more advantageous to the project.

If proposing a fixed tilt, identify the benefits to the overall size of the system and benefits of mechanical integration.

Utilize the maximum tilt angle or fixed tilt angle when determining the needed pull out strength of the mechanical attachments.

1.2.12 Question: If non-ARRA compliant materials are required for the design, should the Cost Proposal exclude those components? How then should the cost and design integration of those extra components be outline for UDOT purchasing consideration?

Answer: This project is covered by the Recovery Act Buy American Provision. At a minimum, the system should be grid connected and have a display in order to be considered. If in providing all the backup functionality, key components are not yet ARRA compliant, alternatives that address this will be considered. Again, clearly identify any alternative or options in both the proposal and cost portion.