



State of Utah

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Addendum No. 2

Date: July 11, 2016

To: Consultants

From: Michael Ambre – Project Manager

Reference: Geotechnical Engineering – Utah State Prison Relocation
Department of Corrections – Salt Lake City, Utah
DFCM Project No. 15310100

Subject: **DFCM Addendum No. 2**

Pages	Addendum Cover Sheet	1 page
	<u>RFP Clarifications</u>	<u>2 pages</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.

2.1 SCHEDULE CHANGES: There are no Project Schedule changes.

2.2 GENERAL ITEMS: RFP Clarifications Attached.

Addendum #2

Clarifications about scope:

DFCM would like to clarify several items in the RFP. All referenced quantities shall be removed. All interested parties shall review the RFP and reference documents. Be prepared to address your firms approach to the project through both phases of the work. Also explain your firms methodology, process and communication plan throughout both phases.

2. Perform borings in a grid pattern throughout the site at general locations provided in the approved preliminary field exploration and location plan (pre-design phase).

After the site plan has been developed by the Master Architect (design phase) Perform borings under proposed buildings, utility trenches, and roadways ~~approximately 1 boring per 10,000~~ square feet of building foot print and at ~~least one~~ boring per building and at locations identified by the Master Architect and Engineers

Case ~~one~~ of these borings to allow for down-hole geophysical testing and remove when testing is complete. Construct piezometers in ~~three~~ of these borings for long-term ground water measurements. Drill ~~3~~ borings in areas that are expected to contain fill to a depth of ~~25~~ feet (unless refusal is reached at shallower depth). Perform ~~three~~ Cone Penetration Tests (CPTs) to provide information regarding seismic response and possible liquefiable soil conditions. Perform ~~5~~ CPTs for down-hole seismic shear wave testing.

3. Perform a site specific seismic evaluation in accordance with ASCE 7-10 chapter 21 including a site response analysis, probabilistic seismic hazard analysis, and design response spectrum. Base ground motions shall be developed using the procedure of Section 21.2. The Geotechnical Engineer shall include an independent peer review of the site specific seismic evaluation. Prepare responses to review comments. In addition to providing seismic design parameters for all buildings constructed on this project, perform a site-specific seismic evaluation for the Medical/Mental Health/Diagnostic Center and other healthcare facilities.

- d. Presented below is suggested laboratory testing program. Consultant to confirm quantity and type of tests based on site specific conditions for the pre-design phase and specific locations of the design phase.

Moisture Density	50	each
Sieve Analysis	5	each
Hydrometer	5	each
Plasticity Index	5	each
Unconfined Shear	10	each
R-Values	3	each
Compaction (ASTM D1557)	3	each
Consolidation (ASTM D2435)	4	each
Expansion Index (UBC 18-2)	2	each
Organic Content (D2974)	5	each

Clarification:

Question regarding requirements for General Liability Insurance. Section 13.2 identifies requirements for General Liability.

Clarification:

Past performance shall be under tab 6 and will increase the total number of pages to 42 rather than 40. Tab 7 then becomes Termination and Debarment Statement and Miscellaneous Information.

Clarification:

Design Schedule

Geotechnical Phase one Completed by September 15, 2016 and Phase two will be ongoing through design approximately 8 to 10 months.

Clarification:

Supplementary General Condition's link did not work in RFP. Use the following link to access

<http://dfcm.utah.gov/dfcm-standard-documents.html>