



State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Department of Administrative Services

KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management

DAVID G. BUXTON
Director

ADDENDUM NO. 2

Date: March 3, 2009

To: Contractors

From: Rick James, Project Manager, DFCM

Reference: Exhibit Fabrication and Installation – Utah Museum of Natural History
University of Utah
DFCM Project No. 02243750

Subject: **Addendum No. 2**

Pages	Addendum Cover Sheet	12 pages
	Revised Project Schedule	1 page
	<u>Construction Schedule</u>	<u>7 pages</u>
	Total	20 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: Fax number for Rick James is corrected to (801) 538-3267.

2.2 GENERAL ITEMS: General clarifications and answers to questions.

- 2.2.1 Audio/Soundscape component of the exhibits will be bid separately under the solicitation of the A/V Integration work.
- 2.2.2 Bid bond in the amount of five percent of the cost proposal amount on DFCM's form (which is contained in the RFP document) is required to be submitted with the cost proposal.
- 2.2.3 Refer to the "Interested Firms" List in Addendum No. 1. Remove the word "subcontractor" from the following firm: YESCO, 5119 S. Cameron St., Las Vegas, NV 89118.
- 2.2.4 Add the following contacts to the "List of Interested Firms" which was issued in Addendum No. 1:

Firm	Contact No. 1	Contact No. 2
Pico Atlanta	Chip Brenner, General Manager 5361 Royal Woods Parkway Tucker, GA 30084, USA (770) 414 1114 • (770) 414 1477 chip.brenner@us.pico.com	
Explus Incorporated	Brett Beach – Dir. of Business Dev. 703-260-0780 x128 44156 Mercure Circle Dulles, VA 20166 (703) 260-0780 • (703) 260-0790 bbeach@explusinc.com	

2.2.5 Question: The specifications state: “The procurement documents may have a provision regarding specific items which are exempt from State of Utah Sales Tax and/or Use Tax.” Is there such a provision on this contract?

Answer: All materials to be purchased for the project are tax exempt. Tax Exemption Form TC-721 will be made available to the selected Fabricator.

2.2.6 Question: If there is not a tax-exemption provision, how would you like to see sales and / or use tax incorporated into our bid?

Answer: See above. Cost for Use Tax is not required.

2.2.7 Question: During the pre-bid meeting, potential exhibit contractors were asked to submit their contact information to Mr. James. May we have a copy of the list of potential exhibit contractors for the project?

Answer: A copy of the “Interested firms” list is included in Addendum No. 1, dated 2-23-2009. For the current RFP for Exhibit Fabrication and for all addenda, go to dfcm.utah.gov, then “Solicitations/RFPs”, then “All Projects”, Then “Utah Museum of Natural History” 02243750 1 and 02243750 2.

2.2.8 Question: Page three of RFP states that “The Contractor shall comply with and require all of its subcontractors to comply with the license and laws as required by the State of Utah”. This is also reiterated on page 12. During the pre-bid, Mr. James had mentioned he would look into whether or not a Contractor’s License was required for this project. Please clarify.

Answer: See Addendum No. 1 Question and Answers. “The Exhibits Fabricator firm does not have to be a licensed General Contractor.”

2.2.9 Question: Do we send our qualifications to Marla Workman or to Rick James (or to someone else)? Please confirm the “Ship to” address for the SOQ is: DCFM, 4110 State Office Building, Salt Lake City, UT 84114.

Answer: Send to Rick James, Project Manager, State of Utah, Division of Facilities Construction and Management, 4110 State Office Building, Salt Lake City, Utah 84114.

- 2.2.10 Question: Up and above the cost proposal form shown on pages 15 and 16 of your RFP, will you want the pricing broken out in some sort of spread sheet or form? If so, it would be very helpful to have this pricing form as soon as possible.

Answer: The Cost Proposal Form shown on pages 15 and 16 of the RFP is an example of the form which will be required for the cost proposal. In addition to the Cost Proposal Form a list of category costs will be required. Since no cost proposals are due in this qualifications phase, we will not issue the form for category costs at this time. The form for category costs will be issued to the short listed firms.

- 2.2.11 Question: During the interview phase (currently scheduled for April 30), will the interviewees be permitted to ask question pertaining to the costs of the exhibits and the value engineering of exhibits? If so, this seems at odds with paragraph 3 of section 12. Paragraph 3 of Section 12 also seems to be at odds with the following sentence from section 20.

Answer: See Item 2.2.18 below.

- 2.2.12 Question: Are the Management Plan and the Statement of Qualifications to be submitted in separate Documents?

Answer: The Management Plan and the Statement of Qualifications are to be submitted in the same document.

- 2.2.13 Question: Page 9 states "If more than six contractors submit proposals and meet other requirements, DCFM may convene the selection committee to develop a short list of contractors invited to interviews." Does this mean you anticipate interviewing up to six firms?

Answer: We intend to create a short list of at least three firms and no more than six.

- 2.2.14 Question: Should we assume the top six firms be chosen based on the rankings shown in Section 21, B – L?

Answer: The short listed firms will be chosen from the rankings of the firms using the points indicated in Section 21, B – L.

- 2.2.15 Question: Do the interview criteria differ from the rankings shown in Section 21, B – L? If so, how?

Answer: The interview criteria will be as indicated in Section 21, A-L.

- 2.2.16 Question: How does the interview performance rank in terms of the 100 possible points you have established for this solicitation?

Answer: The interview performance is not indicated as a criteria to be used. However, interview performance will most likely have a significant affect on scoring in individual categories.

- 2.2.17 Question: Page 10 states “The method of presentation is at the discretion of the contractor.” What would the Selection Committee like to see as part of a successful interview?

Answer: The committee would appreciate brevity and having the information organized in an manner which would assist in the evaluation and scoring of the selection criteria.

- 2.2.18 Question: Section 21, Subsection E states that we will be given a maximum of twenty points based on our Project Management Approach, and that “This may include cost reduction ideas or proposals”. How are we to describe the potential costs savings if cost is being evaluated in a subsequent phase?

Answer: The interview process will consist the following: First, Prime Contractors Turn In Cost Proposals and Cost Reduction Proposals by the date indicated on the schedule and then:

- 2.2.18.1 Cost Proposals will be turned in to DFCM per the schedule. The Cost Proposals are opened for the Selection Committee after the interviews.
- 2.2.18.2 Cost Reduction Proposals shall be submitted to DFCM as per the project schedule. The project manager will evaluate the Cost Reduction Proposals with the design team as required prior to the interviews. During the interview, it is permissible to discuss specific cost reduction proposals which the team may have submitted.
- 2.2.18.3 At the end of the interviews, the selection committee scores the competing teams, totals the scores and ranks the teams in order of the scores. The most preferred team will receive the highest number of points
- 2.2.18.4 After the teams have been ranked, the cost proposals will be opened to the Selection Committee, and the score for the proposal will be applied as described in the RFP inclusive of accepted cost reduction proposals. Once the scores have been added to the prior submitted score from the Selection Committee, the selection will be formally completed by the committee.

- 2.2.19 Question: How are you going to want to see the pricing broken out in the final bid?

Answer: Additional information will be issued at the time the 100% complete exhibit design drawings are complete which will indicate how the price is to be broken down.

- 2.2.20 Question: Who is the G.C., and may we have a copy of their construction schedule?

Answer: The General Contractor is Big-D Construction. The construction schedule is included with this addendum.

- 2.2.21 Question: May we acquire a full set of building plans to determine electrical runs, house lighting, plumbing, sub-floor, etc. in preparation of our bid proposal? In lieu of a full set of plans, may we have the Electrical Plans, Lighting Plans, Mechanical Plans and Floor Plan? Access to digital files is fine.

Answer: DFCM will make the museum building drawings and specs available to the short listed firms.

2.2.22 Question: How is the GWB provided by the GC going to be finished?

Answer: Answer will be provided to the short listed firms.

2.2.23 Question: What level of LEED Certification is required by the exhibit fabrication work?

Answer: The selected Exhibit Fabrication firm and team will be expected to achieve a Gold LEED Certification which is also the level expected of the Building team.

2.2.24 Question: What level of involvement will the exhibit fabricator have in relationship to GC's site security, waste management and/or interior air quality requirements?

Answer: As required in the Division 1 Specifications which will be provided in the 100% complete design documents.

2.2.25 Question: Are there any unique working conditions or hours onsite involved?

Answer: No limitations are placed on working hours. Additional information will be supplied to the short listed firms.

2.2.26 Question: What is our role regarding mounts of artifacts provided by others? The drawings state "mounts provided by owner, typical". Should we assume owner will be installing all mounts within the display cases where this is called out?

Answer: Yes. All mounts and artifact installation are by owner or by owner managed third party contractors.

2.2.27 Question: what is our role regarding mount-making for those items in display cases (ex. X3-FP.5.20 through X3-FP-5.70)?

Answer: See above.

2.2.28 Question: For all items "provided by others", should we assume that installation of these items is outside the exhibit fabricator's scope (e.g., rock sample on X3-LD-1.00)?

Answer: In general, "provided by others" note does indicate items outside XC scope. Note that 100% FD documents will include clarifications/revisions regarding Land stone slabs.

2.2.29 Question: Drawings on X3-LD-2.00 indicate stone slab supplied by owner (with exhibit contractor to install). Should we assume the owner will be supplying stone in drawings X3-LD-201 as well?

Answer: See above.

2.2.30 Question: Who is responsible for fire suppression underneath the hung acoustical ceilings show in X4-LF-201 (GC or XC)?

Answer: General Contractor.

2.2.31 Question: Is the GC responsible for the lightpipe described in X4-LF-4.30?

Answer: The lightpipe (solar tube) is in the XC scope and will be further clarified in the 100%FD spec

2.2.32 Question: Who provides the live, and microscopic, specimens for the observatories and labs? Further, who introduces the live specimens to their new environments? Will the staff UMNH staff provide design criteria for the live environments, or must the exhibit fabricator hire an expert in the field to assist with micro environment development?

Answer: When provided by owner, specimens and microscopic samples are noted in the drawings. The XC scope does include live displays and environs that will require live display expertise.

2.2.33 Question: In what physical location will the various samples, mockups and prototypes be viewed by the designer/client? If onsite, where will the various samples, mockups and prototypes be stored until final exhibit sign-off?

Answer: It is assumed that exhibit contractor will provide shop facilities for mockups and prototypes and coordinate all relevant parties for required reviews.

2.2.34 Question: To set the specimens in the observatory's are the skeletal specimens, and the ceratopsian skulls (and mounts), available onsite (or near the new facility) for review?

Answer: All dinosaur mounts and specimen installations are by owner or by owner managed third party contractors.

2.2.35 Question: Are there any special conditions for reviewing the specimens and mounts?

Answer: Exhibit contractor is required to coordinate with museum's mountmaking staff based on review of casework and case detail shop drawings.

2.2.36 Question: Are water filtration units required to sanitize or condition any interactives incorporating water (i.e., "History Ring") or, is filtration incorporated into the master water supply system by GC?

Answer: Filtration will be required for all water exhibits where the visitor comes in contact with the water (Our Backyard and Land). There is a base building water softening system for hot water. All other requirements water filtration and conditioning for live displays and interactives are in the XC scope.

2.2.37 Question: To fully develop the mechanical interactive elements, are there written descriptions as to the general operation or intended outcome of the experience required for each interactive to be successful for the UMNH visitor?

Answer: Yes. This will be part of 100% FD documents.

2.2.38 Question: Do reference images exist for development of the landforms, crawl cave or touchable objects to be developed by the exhibit fabricator?

Answer: Yes. This will be part of 100% FD documents.

2.2.39 Question: To develop the taxidermy animals, cast resin animals and to provide for plant species, what time of year is to be depicted for the various dioramas?

Answer: Will be clarified in 100% Exhibit Design package.

2.2.40 Question: What gender are the birds and mammals? Further, are the fish, mammals and birds adult or juvenile?

Answer: Will be clarified in 100% Exhibit Design package

2.2.41 Question: Will we be able to stage items in the facility?

Answer: Yes

2.2.42 Question: Access Restrictions-Garage Doors, Finished Hallways, Stairs, Public Elevator, Freight Elevator, and so forth? Please identify access through the facility to load in exhibits. Please specify dimensions and any weight limitations or other restrictions.

Answer: This information will be made available to the short listed firms.

2.2.43 Question: Are there any working hour restrictions?

Answer: No.

2.2.44 Question: Are there any Union or prevailing wage requirements onsite?

Answer: No

2.2.45 Question: Will scissor lifts be allowed in the building for installation?

Answer: This information will be made available to the short listed firms.

2.2.46 Question: Who is responsible for floor protection?

Answer: This information will be made available to the short listed firms.

2.2.47 Question: What is the date for "Notice to Proceed"?

Answer: The Notice to Proceed will be issued as soon as the following steps occur: 1) DFCM prepares agreement for signature; 2) DFCM sends the agreement to the selected firm; and 3) the selected firm signs the agreement and returns the agreement with the performance and payment bonds to DFCM. This process can take from take from one to two weeks.

2.2.48 Question: When will new facility be available for field dimensions?

Answer: This information will be made available to the short listed firms.

2.2.49 Question: Is there a Line Item Bid Form?

Answer: This information will be made available to the short listed firms.

2.2.50 Question: FF&E Furniture is noted. Is there a furniture schedule available or should we allocate a budget?

Answer: This information will be made available to the short listed firms. FF&E furnishings are not part of this contract

Design Interpretation

2.2.51 Question: Page 21-Latex Casting of local rocks and ground is described, please quantify the scope of work.

Answer: Will be clarified in 100% FD documents – Please note that the Content Outlines are intended to provide an understanding of visitor experience. The 3D drawings, Graphic panel schedule and specifications always lead with regard to scope clarity.

2.2.52 Question: Please confirm whose scope of work the latex castings belong to.

Answer: This information will be made available to the short listed firms. See above.

2.2.53 Question: Who will locate and approve these local areas for casting?

Answer: This information will be made available to the short listed firms. See above.

2.2.54 Question: Page 33-Past Lives- “large commissioned murals”. Are these digital prints included as photomurals in the graphics package?

Answer: This information will be made available to the short listed firms.

Areas Canyon Area

2.2.55 Question: In the graphic package elevation drawing CN North Elevation there are three triangular shaped graphics indicated on the angular GWB, but not called out, please clarify.

Answer: These are video projections and are NIC.

2.2.56 Question: Please confirm that the “Add” Projection System indicated on drawingX2.TH-2.00 is an addition/alternate and is not in the original scope of work to be bid from and that this is typical throughout the drawings.

Answer: These are video projections and are NIC.

2.2.57 Question: Please confirm that the Collections Wall, which includes the glazing, support structure and lighting are by the G.C.

Answer: This is correct. Only the graphics and bracket system in the XC scope.

2.2.58 Question: Since there is no detail on the Collection Wall Artifact Brackets. Could you quantify and briefly state the function of these brackets? Such as, "...three (3) vertical steel braces with thirty (30) 24" long movable steel brackets per brace".

Answer: 100% FD documents will clarify.

Utah Futures

2.2.59 Question: Drawing Plan X2-UF-1.00 states "Projector by Others". Does this note include all software and installation? Is this typical for this type of note? Answer: All AV equipment and associated wiring is NIC.

Answer: There will be an AV integrator that the XC is expected to coordinate with for the integration of all AV systems. The AV integrator will be selected separately.

2.2.60 Question: Graphic Package has an elevation for UF3.E01.in02, but is not included in graphic schedule. Please clarify which supersedes the other.

Answer: ".in" code = interactive. This is not a graphic panel.

Our Backyard/Children's Gallery

2.2.61 Question: Are fabric ceiling panels opaque? Are they backlit?

Answer: Backlit fabric.

2.2.62 Question: What is the design intent for the tool box wall display, is this an interactive of some sort?

Answer: Toolbox will be by owner

2.2.63 Question: Underground Crawl has three terrariums with live displays. The note is that these are removable. Can the bases be on casters?

Answer: 100% FD documents will clarify this.

2.2.64 Question: For the trees sonotube is called out. If practical, can PVC tube be used as an alternate?

Answer: PVC is not a practical alternative as we are going for LEED certification.

Past Worlds Observatory

- 2.2.65 Question: Please confirm that all skeletal structures, replicas, taxidermy and associated mounts for the various floor dioramas are by others.

Answer: All Artifacts called out with an a# or labeled as “by owner” and their associated mounts are by owner. In some cases models & taxidermy will be part of XC scope – these elements are called out in the drawings and will be further defined in 100%FD documents.

- 2.2.66 Question: Please confirm that Exhibit Fabricator will coordinate and install the various floor and hanging mounts for the dioramas.

Answer: 100% FD documents will clarify this. Answer: 100% FD spec will detail all diorama elements and define scope

- 2.2.67 Question: Earth Lab Entrance has a sculpted rock formation with embedded fossil. What is the depth of the footprint of the rock? Is the resin skeletal fossil fabricated by the Exhibit Fabricator?

Answer: Yes – this is XC scope. 100% FD documents will define depth.

Lake Observatory

- 2.2.68 Question: Please clarify what a “gel floor” is.

Answer: An interactive laminate flooring with gel interlayer. 100% FD documents spec will provide further info.

- 2.2.69 Question: Please confirm that the quantity of thirty six (36) hanging Bird Models are by Exhibit fabricator.

Answer: Yes, as per notes in the drawings.

- 2.2.70 Question: Please confirm dimensional letters: quantity, size, material and thickness for the Place Names in the floor.

Answer: 27 place names as per notes in the drawings – Dimensional letters approx. 3” x 10” ea. as per graphic panel schedule

First People

- 2.2.71 Question: Please clarify “Heat Sensitive “graphics on X3-FP-2.01 (North Elevation).

Answer: An interactive heat sensitive panel. 100% FD documents spec will provide further info.

Land Observatory

2.2.72 Question: Please clarify Exhibit Fabricators scope of work for sandblasted stone slabs provided by owner. Who is responsible for sand blasting?

Answer: XC

2.2.73 Question: Who is responsible for transportation of all stone slabs to the site?

Answer: XC

2.2.74 Question: For bidding purposes, if needed is there a specific company providing the stone who can also cut to required shapes onsite?

Answer: 100% FD documents spec will provide further info on Stone vendors on specs.

2.2.75 Question: Will stones arrive with final finish on flat exposed surfaces?

Answer: Stones will be in XC scope.

2.2.76 Question: Please confirm typical thickness of all stone at 2 inches thick.

Answer: 2” for Colorado Plateau sandstone and the larger slabs in Middle Rock Mountain area range 2”-5.

2.2.77 Question: On the Erosion Interactive Water Table is the “red sand” loose and needs to be reset each time it is washed away?

Answer: Yes.

Life Observatory

2.2.78 Question: Please confirm Lumasite wall color is “Jade”.

Answer: Life resin panels will be in the GC scope (NIC) – 100% FD documents will show this revision.

2.2.79 Question: Ecosystem Diorama Section X3-LF-3.00 indicates an enclosed ceiling (with lights by G.C.) as typical for all dioramas. Please clarify who is responsible for the ceiling and walls. Note: Curved walls and ceilings will create compound curves.

Answer: GC scope includes all ceiling clouds and track lighting in Life as called out in the drawings. XC scope includes curved wood enclosures for Life dioramas and all diorama contents. 100% FD docs. will further clarify diorama scope

2.2.80 Question: Please clarify who is responsible for the fabrication of the modeled animals in the Dioramas.

Answer: XC. All mammals and birds are taxidermy.

2.2.81 Question: Please clarify LED lighting on DNA Helix. Is this sophisticated RBG LED with 2" spacing and color control, or, a more simplistic system?

Answer: RGB Color correction is not required for the Helix LED lighting system.

Native Voices

2.2.82 Question: Caption Reader Embedded in Seating is not shown in the A/V drawings. Please confirm Reader is Exhibit Fabricator's scope of work.

Answer: All AV equipment and associated wiring is in AV Integrators scope.

2.2.83 Question: Shelves Detail X5-NV-3.02 shows G.C. scope of work as building and installing shelves. Is this typical of all these shelves?

Answer: 100% FD documents will clarify these details.

End of Addendum No. 2



STATE OF UTAH - DEPARTMENT OF ADMINISTRATIVE SERVICES
Division of Facilities Construction and Management

DFCM

**PROJECT SCHEDULE – REVISED
 PER ADDENDUM NO. 2 DATED MARCH 3, 2009**

**PROJECT NAME: EXHIBIT FABRICATION AND INSTALLATION - UTAH MUSEUM OF NATURAL HISTORY
 UNIVERSITY OF UTAH – SALT LAKE CITY, UTAH**

DFCM PROJECT #: 02243750

Event	Day	Date	Time	Place
Request for Proposals and 80% Complete Exhibit Design Documents Available	Thursday	February 5, 2009	4:00 PM MST	DFCM 4110 State Office Bldg SLC, UT and the DFCM web site *
Non-Mandatory Pre-Proposal Audio Conference Meeting	Wednesday	February 11, 2009	1:00 PM MST	Call (308) 344-6400 Enter Meeting Number: 824220# See attached agenda on web site*
Last Day to Submit Questions prior to submittal of Statements of Qualifications	Thursday	February 26, 2009	4:00 PM MST	Rick James – DFCM E-mail rjames@utah.gov Fax (801) 538-3267
Addendum Deadline	Tuesday	March 3, 2009	2:00 PM MST	DFCM web site *
Prime Contractors turn in References, Statements of Qualifications, Management Plans (including Schedule), and Termination/Debarment Certifications	Tuesday	March 10, 2009	3:00 PM MDT	DFCM 4110 State Office Bldg SLC, UT
Short Listing by Selection Committee. 100% Exhibit Final Design Documents Available	Wednesday	April 1, 2009	3:00 PM MDT	To be determined
Last Date to Submit Questions for Final Addendum	Tuesday	April 7, 2009	4:00 PM MDT	Rick James – DFCM E-mail rjames@utah.gov Fax (801) 538-3267
Final Addendum Deadline (exception for bid delays)	Thursday	April 16, 2009	2:00 PM MDT	DFCM web site *
Prime Contractors Turn In Cost Proposals and Cost Reduction Proposals	Wednesday	April 22, 2009	12:00 NOON MDT	DFCM 4110 State Office Bldg SLC, UT
Subcontractor List Due	Thursday	April 23, 2009	12:00 NOON MDT	DFCM 4110 State Office Bldg SLC, UT Fax 801-538-3677
Interviews	Thursday	April 30, 2009	TBA	TBA
Announcement	Monday	May 4, 2009		DFCM web site *
Notice to Proceed				TBD
Exhibits Installation Begins in a Dust-Controlled Environment	Thursday	April 22, 2010		
Exhibits Installation Continues in a Dust-Free Environment	Monday	August 23, 2010		Estimated to be the time of the Building Substantial Completion Date. Building is being constructed by separate Contractor
Substantial Completion Date	Friday	December 31, 2010		Exhibits Fabricator

* DFCM's web site address is <http://dfcm.utah.gov>.

