

LEWIS & CLARK CAVERNS STATE PARK
Railing and Lighting Upgrades 2018

FWP Project # 7176603

Addendum #2

May 31, 2018

1. Reference Invitation to Bid: Revise the first paragraph to read as follows: "Sealed bids will be received up to and including **3:00 PM on June 14, 2018** and will be publicly opened and read aloud in the office of Design and Construction, 1522 Ninth Avenue, P.O. Box 200701, Helena, MT 59620-0701, for the: **Lewis & Clark Caverns Railing and Lighting Upgrades Project, #7176603 near Whitehall, MT.**"
2. Clarification: Requests for Clarification and other questions must be received by the Engineer not later than 12:00 noon, June 4, 2018. Final Addendum may be issued not later than June 7, 2018.
3. Reference Section 01100, paragraph 1.3, A: delete the paragraph and replace with the following: "A. No additional permits are required for the Project."
4. Reference Section 01230, paragraph 1.4: revise the sentence to read as follows: "Add Alt #1: Delete Stainless Steel Welded Wire Mesh Infill Panels and replace with Glass Infill Panels at Flights #5 & #6 (AO & AP/R-1.9); Overlook (AU/R-1.10); and Piggy Pit (AV/R-1.10), See Detail 1/R-1.7."
5. Reference Section 1300, paragraph 3.4:
 - a. At subparagraph A: revise the sentence to read as follows, "Construction Progress Schedule shall be submitted no later than 7 days after Notice of Award."
 - b. Add subparagraph B as follows: "B. In addition to, or supplementing the information required per General Conditions, Article 3.10, the Construction Progress Schedule shall include the following milestone dates/events
 - i. Proposed dates for Contractor's non-construction activities inside the caverns.
 - ii. Commence Construction Activities inside caverns: October 1, 2018
 - iii. Final Completion: not later than April 6, 2019"
6. Reference Section 01700, Part 1: Add paragraph 1.6 as follows: "1.6 ACCESS FOR EXAMINATION AND FIELD MEASUREMENTS
 - A. Beginning at the date established in the Notice to Proceed and prior to the date established to commence construction activities inside the cave, the Contractor shall have access to the caverns for the purposes of examination, taking field measurements and mock-up activities.
 - B. The Cave Specialist or Park Staff person shall accompany Contractor's personnel while in the caverns
 - C. Contractor shall coordinate with Park Manager for access and availability of Cave Specialist or Park Staff.
 - D. Said activities shall not interfere with Cave Tours or other park functions
7. Reference Section 01800: Revise the footer at page 2 of 4 and page 4 of 4 to read, "01800 PROVISIONS FOR RESOURCE PROTECTION"

8. Reference Section 05270:
 - a. Paragraph 1.5, C:
 - i. At subparagraph 1: revise the sentence to read as follows: "A qualified factory representative from the manufacturer familiar with fabrication and installation of the railing systems shall be on-site during the entire time Field Measurement and Field Mock-up activities are taking place, and may be engaged to provide Field Measurements and Mock-ups."
 - ii. At subparagraph 2: revise the sentence to read as follows: "A qualified factory representative from the manufacturer familiar with fabrication and installation of the railing systems shall be on-site at the commencement of installation to instruct and train Contractor's personnel in methods and techniques required for installation."
 - b. At paragraph 1.8, B: revise to read as follows: "Required Attendees: Contractor, Cave Specialist, Architect, Factory Representative, Installer."
 - c. At paragraph 2.9, A: insert the following at the beginning of the first sentence: "In accordance with field measurements, mock-ups, and approved shop drawings, . . ."
 - d. At paragraph 2.12, B: revise the second sentence to read as follows: "Noticeable variation in the same piece, including discoloration from welding, is not acceptable"
 - e. Paragraph 2.13: delete paragraphs A and B and replace with the following:

"A. Railing manufacturer shall provide for passivation processes including cleaning and preparation, in accordance with ASTM A380, ASTM A967, and passivation product manufacturer's instructions on all stainless steel components of railing systems after fabrication (including drilling, cutting, grinding or other surface treatment) has been completed and prior to assembly with other non-stainless steel components, and prior to shipping. Cleaning and preparation shall include rouge (or rust) removal and weld discoloration removal.

B. Products: as manufactured by Stellar Solutions, Inc. 4511 Prime Parkway, McHenry, IL 60050; phone (847) 854-2800; www.citrisurf.com, or approved equivalents. Obtain all cleaning, preparation and passivation products through one source from a single manufacturer.

 1. For rust removal: CitriSurf 2310 or CitriSurf 77 Plus
 2. For weld discoloration removal: Weld Wizard 9310 or Weld Wizard 9350
 3. For passivation: CitriSurf 2210 or CitriSurf 77

C. After passivation, protect all materials from contamination or damage.

D. Provide additional passivation product for on-site use as required."
 - f. At paragraph 3.3, A: delete the paragraph and replace with the following: "Coordinate with Park Manager/Cave Specialist to schedule manufacturer's factory representative and Contractor's personnel to perform Field Measurement and Mock-up activities, and make adjustments to post locations as needed and approved for purposes of developing shop drawings and fabrication. Verify railing configurations, including heights with Architect and Owner."
 - g. At paragraph 3.4, add subparagraph K, as follows: "K. Restoration of Stainless Steel Surfaces: Stainless surfaces that have been cut, drilled, abraded, or otherwise damaged after delivery shall have the passivation process restored, using products listed above in accordance with manufacturer's instructions. Restoration processes shall occur outside the cave in a clean, enclosed environment where room temperature is maintained above 70 degrees F."
9. Reference drawing Sheet G2.0 Cavern General Requirements, section 5, add paragraph 5.2, as follows: "5.2 In order to allow the Contractor to access the cave prior to the date established to commence construction activities inside the caverns and other operations, the Park Manager may assign a Park Staff person to assist the Cave Specialist. This Park Staff person will have the same duties, responsibilities and authority as the Cave Specialist."

10. Reference drawing Sheet RSD-1.0, Structural General Notes, Table of Mix Design Requirements:
- a. At note (3): Delete the last sentence reading, "Air content shall be measured at point of placement."
 - b. At note (5): Delete the last sentence reading, "Slump shall be determined at the point of placement."
11. Clarification: There are no restrictions for working in the cavern due to bats hibernating.

END OF ADDENDUM