CSM Engineers 9/10/16

1600 Illinois St

Golden, CO 80401

To:

Corp Corp

Somewhere

Burbank, CA 91504

Re: RFI, Yellow Submarine Interactive Ride RFP

We are pleased to have located the RFI for design and engineering services of the Yellow Submarine attraction that Corp Corp has disseminated. As we prepare a full proposal submittal for your consideration, we have encountered some points that we request clarification on. IN our RFI we will be referencing the Technical Specification (Tech Spec) and DIN specification provided by Corp Corp.

With this memo, we respectfully submit our request for information with respect to the following bullet points:

* May we increase the distributed load allowance within the base building beyond that specified in the Tech Spec?
* May we load the building in any way other than through the base building floor? Specifically, can we load the ceiling of the base building?
* What quantity of fluid may we use in our final implementation?
* What is the required acceleration for the Yellow Submarine during operation/show?
* What is the required positioning tolerance during the “show” and “docking?”
* Are the gangways permanently attached to the yellow submarine?
* May the room, within which the yellow submarine resides, be expanded or modified in any way?
* Is the yellow submarine required to “dock” back at “home” position after each ride?
* The Tech Spec provides a requirement that static loading be performed by use of 3g lateral loads in all directions? Must these loads be applied simultaneously?
* The static safety factor in the Tech Spec is greater than that required in the DIN spec. May we use the DIN spec FoS given that the DIN spec was found to be the most conservative and appropriate specification for the two locations of final installation?
* The Tech Spec requires that analysis must be performed to ensure deflections are reasonable. What is the required deflection specification?
* The Tech Spec indicates that there are projector screens outboard of the yellow submarine. Are these screens supported by the yellow submarine, or are they affixed to the base building? If affixed to the base building, must the portals extend beyond the cabin as indicated in the Tech Spec?
* The Tech Spec does not indicate the existence or location of a front screen. Please provide information on the front screens existence and location.
* How flexible is Corp Corp with respect to modifying the gimbal system indicated in the Tech Spec?
* Please provide detailed dimensions of the cabin, base building and cabin-building interface.
* How many “jacking points” (per Tech Spec) are required and in what locations are they preferred?
* What is the natural frequency-input frequency FoS desired?
* As the guests enter and exit the ride, are they exposed to the ride sub and super structure?
* May we penetrate the floor or ceiling of the base building?
* Given the requirements for onboard mechanical systems (electrical, audio, HVAC, etc.) what are your requirements for attachment to the sub and/or super structure?
* Are the dB requirements specified in the Tech Spec after sound transmission through the cabin superstructure, or is the requirement intended to be applied to non-muffled sound?

CSM Engineers greatly appreciates your time and we look forward to working with Corp Corp in the future on the design of you attraction.

Sincerely

Dr. Amaro