

FRESNO CHAFFEE ZOO
CHILDREN'S WATER PLAY AREA
FRESNO, CALIFORNIA
BIDDER'S QUESTIONS

AD3-4

MARCH 8, 2017

Question-Does the Zoo have specific days and times that we cannot work in or around the Restrooms facility?

Answer-Restrooms shall remain open during construction as described in the bid documents. Certain portions of work could require the temporary closing of the Restrooms facility, but shall be scheduled a minimum of 2 weeks in advance, with agreed upon durations by FCZ representative.

Question-What is considered Excessive noise?

Answer-Work activities such as demolition (jackhammers, saws) will not be permitted when the Zoo is open to the Public; exceptions may be granted on a case-by-case basis through FCZ approval.

Question-Aside from the dates reflected in the Notice Inviting Bidders, does the Owner have a schedule?

Answer-Contained with the RFQ, page 5, Section 2 of the 'Qualification Requirements', a schedule is required by bidders. Overall duration provided in the RFQ by FCZ.

Question-Do major trades have to provide the same Statement of Qualifications as the General Contractors, meaning answering all of the questions?

Answer-No, only General Contractors acting as a Prime will complete the Qualification Requirements documents and submit their SOQ package at time of bid.

Clarification-FCZ has furnished an arborists report (Khutz/Pape) regarding the existing trees onsite that remain. These existing trees shall be protected and cared for by Contractor throughout the duration of the project. Refer to bid documents including but not limited to; Specification Sections 02 01 10, and 32 93 00

Clarification-FCZ will furnish and install Irrigation piping and plant materials as reflected in bid documents

Clarification-PH I work for electrical infrastructure was only for the installation of conduit piping in pathways. Wiring and any other work necessary to complete this project will be the PH II Contractors responsibility to furnish and install.

Question-Can you more clearly define “excessive noises” or provide a list of typical construction activities that would be considered “disruptive” by the Zoo? Trying to get a better sense of work that will be required to be completed after-hours.

Also, how are exceptions reviewed? Can you explain the process for approval?

Answer-Excessive Noise shall be defined as any work activity that has a sound or series of sounds that are considered to be invasive, irritating for guests, and/or disruptive to either guests or animals onsite. These noises are variable and can range from deliveries to the site, to a jackhammer or other construction equipment being operated onsite. In environments where exterior ambient noise levels exceed 65dBA CNEL it shall not be allowed, and considered intolerable during hours of operation for guests and events. Contractors shall provide noise mitigation plan within 7 calendar days of Notice to Proceed from Owner including onsite measures to be followed by anyone involved with the project. Contractor must also address in the mitigation plan hours outside of normal operations, as excessive noises can adversely affect animals. Owner, Owner’s representative, and Contractor to formally agree to noise mitigation plan prior to work commencing onsite.

Explanation of ‘Exceptions’ review process. Contractor may request an ‘Exception’ in writing to Owner a minimum of 7 calendar days in advance of when the requested ‘exception’ item will take place. Considerations will be made based upon schedules, events, impact to Zoo Guests and staff, etc.

Question-Please confirm if the Artificial Rock/Mechanical enclosure will be required to have a sprinkler system or fire alarm. I could not find any notes regarding deferred submittals.

Answer- No fire sprinklers are required.

Question-In reviewing Vortex drawings 2 of 12 and 4 of 12 against the electrical drawings E 200 and E 300, there is a difference between the number and types of conduits. Please provide clarification as to the correct number, type and configuration to be used.

Answer-Electrical conduits shown on Sheets E200 and E300 are intended to support the Vortex drawings sheets 2 of 12 and 4 of 12. The Vortex drawings 2 of 12 and 4 of 12 show the required conduits and routing for the Vortex equipment. Contractor shall provide all conduits shown on the Vortex drawings to be installed by the contractor. Verify contractor’s scope with Vortex and provide all conduits, cabling, wiring and services to provide a complete operating system.

Question-On sheet 2 of 12 vortex drawings note II and note NN depict drain line to each location. Should this be depicted as electrical line?

Answer-Yes, these are electrical conduits with cabling. Refer to Vortex sheet 4 of 12 and electrical sheet E200 and E300.

Question-On sheet 2 of 12 two locations call for an air gap or backflow devices to be provided. One is at the river drain and the other is at the underground tank. Please provide a detail of the air gap underground or the type of backflow required.

Answer- Air gap and connection to sanitary shall be provided by Vortex. Vortex air gap shall be provided. No backflow device is required.

Question-On sheet 2 of 12, please provide the type and size of vault to be provided for actuator valve NN

Answer-Concrete vault shall be provided by Vortex. Coordinate size and type with Vortex.

Question-Note 12 on sheet 2 of 12 calls for a backflow preventer on a line coming out of the water tank. Please provide the POC as it is not shown on the plumbing drawings and a detail and type for the backflow preventer

Answer-no backflow preventer is required in area indicated. Note 12 in question requires water meter and backflow preventer. These are shown on the contract documents. Vortex shall provide air gap and connection to sanitary at water containment.

Question-On sheet 2 of 12 equipment DD has piping existing what appears to be through the shotcrete wall into the cave area, However, on sheet MP 101, Note 6 shows piping for backwash ending at what appears to be a pit with a drain. Please advise if this is a pit and provide details and requirements.

Answer-The area in question are drain pits for backwash water. There are two inside the artificial rockwork mechanical room. Construct recessed pits in concrete slab of mechanical room. Pit walls shall be 6" thick and both pits shall have fiberglass grates over the pit. Refer to detail 'A' Sheet SD/200.

Question-Please clarify scope of work for landscaping, irrigation and soil at planter areas. Also, cut, cap and relocation of exiting irrigation lines

Answer-Planting and irrigation work for the project will be provided by the Zoo. Refer to Addenda 1 for scope of work required in contract. Contractor is required to cut / cap and abandon existing irrigation within the project scope area. Contractor is required to provide fill dirt if needed to meet the new conditions.

Question-On sheet SD 101 Note R calls for artificial rocks. Please provide a detail or manufacturer for these rocks.

Answer-Refer to Vortex drawings. These will be provided by Vortex.

Question-Please provide scope and schedule for the Shotcrete operations.

Answer- Refer to attached Cost of Wisconsin bid proposal for scope of work. Schedule shall be required to be developed by contractor.

Question-On sheet MP 101 numerous penetrations are required through shot, please provide details for flashing and penetration reinforcement

Answer-All penetrations shall be sealed by Cost of Wisconsin

Question-Due to the number of existing utilities in the area under the equipment building, please advise as to the process required for over-excavation of the pad.

Answer-Over excavation is only required to provide the compaction required in the specifications and contract documents. Refer to structural drawings '7 / S202' for over excavation requirements. Contractor shall remove all abandoned utilities encountered in the mechanical room footprint area.

Question-In several areas where existing trees are show, the concrete is between 4 and 7 feet away with an elevation change of 2 to 3 feet. After site review, it was noted that many of the roots are now exposed. Please provide detail and process for the tree areas.

Answer- Refer to Kuthz-Pape tree report for required tree care throughout the project duration.

Question-Please provide updated drawings for site utilities that have been installed under previous contracts.

Answer-Refer to attached Addenda 3 as-built drawings of phase 1 work.