

CHICAGO ZOOLOGICAL SOCIETY

REQUEST FOR PROPOSAL (RFP)

The Chicago Zoological Society (CZS or Society) is soliciting proposals to provide LED lighting and control system.

This document outlines the Society's guidelines for your responses. The Proposal must be submitted no later than February 1, 2019. All questions and responses to the RFP must be addressed to:

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Chicago Zoological Society
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708-688-8000
Mike.Owens@czs.org

Organizational Overview

The Chicago Zoological Society (CZS) is a private nonprofit organization that operates Brookfield Zoo on land owned by the Forest Preserve District of Cook County. Opened to the public in 1934, Brookfield Zoo has been a Chicago-area treasure and family destination for more than 80 years. Brookfield Zoo is the largest suburban attraction in Cook County, both in size and visitation. The 216-acre Zoo annually serves over two million visitors from the diverse Chicago metropolitan area. The zoo is open 365 days a year. On an average day, more than 11,000 people visit during the Zoo's peak attendance season in the summer months.

The Chicago Zoological Society's mission is to inspire conservation leadership by connecting people with wildlife and nature. We strive to provide people of all ages and backgrounds with opportunities to learn about and care for the natural world. When it first opened, Brookfield Zoo was considered "cutting edge" for its bar-less enclosures. One of the first zoos to employ nutritionists, pathologists, veterinarians, geneticists, endocrinologists, and behavioral specialists, we continue in a tradition of innovation.

Project or Product Description

Replace existing operational and ambient lighting and dimming system in the Fragile Kingdom building's enclosed animal exhibit areas. This scope includes a final lighting design, schematic diagram, the installation of new LED fixtures, primary dimmer cabinet, emergency exit signage and lighting, button panels, cabling, switching, rack and station programming. Also in scope are hardware debugging and system commissioning.

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Specifications & Requirements/Deliverables

Recommend and implement a lighting design that meets the Society's desired standard for animal welfare, safety and operations.

Animal Welfare – The proposed design should allow for individual control of exhibit spaces and to allow color and intensity to match a 24-hour period allowing animals to develop appropriate circadian rhythms. Lighting should be designed to simulate the animals' natural environments, with automated controls that adjust lumens and colors to simulate seasonal temperatures, respective to time of day.

Safety – The proposed design should meet and/or exceed emergency egress lighting standards as required by the National Fire Protection Association (NFPA) and the Occupational Health & Safety Administration (OSHA). CZS would recommend that all emergency egress lights be of the “combo” variety in which the unit contains both an “EXIT” sign as well as emergency light fixtures. All emergency egress lighting installed should be easily accessible to complete monthly inspections.

Pedestrian pathway lighting should be designed to provide optimal lighting at a low height level that appropriately illuminates the public/pedestrian walkway through the exhibit. The fixtures must be free from sharp edges and the bulbs must be enclosed in the light fixture. Lighting controls should be network capable and allow remote monitoring and access.

Operations – The proposed design should include hardware and controllers that are optimal for the respective environments. A primary objective is to replace the existing lighting system, including but not limited to fixtures and controllers and installing of the latest generation of energy efficient units. The design is not a “one for one” fixture replacement initiative. The preferred design will provide a system that offers optimal lighting and controllers, require low maintenance and should be capable of supporting expansion. Controllers should be network capable, hard-wired and allow remote monitoring and access. Minimum warranty, regarding materials and labor is one year. Prevailing wage may apply.

Schematics, timeline

This is a design build project. A walk-through of the facility can be arranged, upon request. Schematics will be provided to the Society electronically and in hardcopy form by the chosen vendor upon approval of the final design by the Society and prior to beginning the upgrade.

The Society would like to begin the upgrade in February 2019 and complete the implementation by April 26.

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Delivery or set up

Professional services, hardware/software support, and project management should be included to provide a turn-key solution for the deployment of all components of the replacement system. Including design, configuration, physical deployment, post installation testing, debugging, commissioning, end user training and documentation.

Vendor/Consultant Information

Vendor shall include in the RFP response a basic history of the company, including the size of the business, gross revenues, example of client base, and number of years in business and relevant experience with lighting systems in controlled environments. Specific client references and primary contacts must be provided to the Society, upon request.

Required Proposal Response Format

Proposals should be submitted electronically and received by the contact above, via email, by the deadline.

Deadline to Respond

Responses are due by 4:00 p.m., on February 1, 2019

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Basis for Award of Contract or Purchase Order

CZS will award the contract to the vendor who demonstrates the best combination of price, relevant experience and value of the overall solution proposed to the organization. Client references may be used to further aid in the decision.

CZS Reservation of Rights

CZS reserves the right to reject any or all proposals, without explanation, to waive irregularities and to accept a proposal which, in CZS' sole judgment, is in the best interest of CZS.

MBE/WBE/DBE/8(a)

The Chicago Zoological Society is committed to ensuring that certified minority-owned business enterprises (MBE), women-owned business enterprises (WBE), disadvantaged business enterprises (DBE), and U.S. Small Business Administration 8(a)-certified (8(a)) firms are afforded opportunities to compete for and participate in the Chicago Zoological Society's purchasing activities. If your company is certified as an MBE, WBE, DBE or 8(a) company, please send your current certification with your response to this RFP.

Vendor Prequalification Process and/or References

Vendor must be an authorized installation, service/reseller partner for the major components of the solution being proposed, and have the ability to provide references for the same or similar solution deployed within the last three years.

Additional Requirements such as Vendor Presentation or Demonstration

The CZS may request a presentation of overall or specific features of the presented solution prior to making a decision. A site walk-through can be made available, if desired by a potential vendor. If necessary, a single walk-through will be conducted simultaneously and only for vendors who submitted a written request to view the site. CZS will make a reasonable attempt to schedule a mutually agreeable date for a walk-through but reserves the right to schedule a date that may not accommodate the schedule of all interested vendors. All such requests should be communicated to the contact above, by January 18, 2019.