

Request for Proposal for Architectural/Engineering Services for the design of Eagle Aviary Facility

BACKGROUND

The Yakama Nation is seeking a qualified Consultant that can provide architectural and engineering services for an Eagle Aviary Facility.

The Aviary will be located on trust land near the address 515 Satus Longhouse rd. Toppenish Wa, 98948. Directly east of the house is the future site of the 15,000 square foot area with buildings for which the primary purpose is housing eagles. Construction on the Aviary facility is in its early stages. Infrastructure for the building, water, power, and sewer has been planned. Water will come from a nearby well, (a larger pump will be required). Power lines run throughout the property. Sewage will be a separate septic tank for the building.

PURPOSE

It is anticipated the facility will have steel structure industrial design buildings within the 15,000 square foot space. The facility is tentatively planned to include a classroom, several mew enclosures, 2 bathrooms, and a large free flight area at least some of which is covered by roof the rest will be netting.

The USFWS has adopted eagle housing guidelines established under the Raptor Center of the University of Minnesota's "Raptors in Captivity: Guidelines for Care and Management" (Arent 2007). The minimum enclosure size for each non-flighted eagle is 12'L x 10'W x 9'H and 40'L x 10'W x 9'H for a flighted eagle. The space required for flighted eagles may be partially shared, given that the Zuni's aviary housed 21 eagles in a 100' L X 25'W X 18'H building. Our primary design parameter is a main flight area approximately equal to this in size. Subdivisions may be needed to safely contain non-flighted eagles and to separate flighted eagles based on species and disposition (as some individuals may not coexist well with others).

We anticipate constructing an aviary and providing training to afford the Yakama Nation the capacity to hold and care for up to 30 bald and golden eagles. With a population of 30 eagles, the aviary would provide the Yakama Nation the capacity to provide an annual supply of 600 molted primary wing feathers, 480 secondaries, 360 tail feathers, and numerous plumes and other smaller feathers to Yakama people. The associated educational displays and public viewing opportunities are anticipated to produce the benefit of increased awareness of the ecological and cultural value of eagles.

Additionally, the Yakama Youth Eagle Intern Program will allow a select group of young people to take on increasing levels of responsibility for caring for the eagles and aiding in tours and presentations. Some of these students will become our future eagle caretakers, and all are likely to act as natural community ambassadors for the project and to have an increased likelihood of going on to college.

The building will have a large free flight area separated into two areas for bald eagles and golden eagles to be housed separately. The free flight area will be mostly open covered with a netting material, but have several areas where the eagles can get out of direct rain and snow. It will include a water feature in the center that is able to be accessed by both sides of the enclosure for animal use. On one side of the structure will be the mews (12'L x 10'W x 10'H) where the eagles could be housed separately if needed. The class room, bathrooms, will be in the center of the free flight area and have a view of the free flight area. Sharp edges in the steel structure must be smoothed in case a bird perches on them.

A preliminary site plan map has been developed. Parking facilities will accommodate about 20 personal vehicles.

SCOPE OF WORK

The Scope of Work shall include but not limited to:

- Design of the facility;
- Site analysis and construction plans including landscape and fencing;
- Schematic design for electrical and data services;
- Various meetings with BIA and Tribal staff.

During the design of the project, the architect will be expected to submit all progress prints and data for approval. These include:

- Preliminary designs with comments and suggestions;
- Estimation of project cost;
- Artists rendition of the facilities and grounds;
- Final plans and specification.

The successful firm shall prepare and complete a set of reproducible plans, specifications and bid documents in accordance with Yakama Nation policies and procedures. Plans and specifications will be complete in approximately 30 days from the date of the award. Construction of the facilities is anticipated to begin in 2020.

REQUIREMENT, QUALIFICATIONS AND EXPERIENCE

Proposals will be accepted from all qualified firms. Proposals should include the following:

- Provide names of architects assigned to the project.
- Proof of license in the state of Washington.
- Evidence to demonstrate expertise and qualifications include past related experience.
- Proposed bid that itemizes the cost associated with the project.

SUBMISSION AND AWARD

The firm shall submit proposals postmarked by the end of business day January 15, 2021.

One original and two complete copies shall be submitted. In addition, the firm may include an electronic version. The contractor will be selected by the end of January 2021.

For questions on the project, contact Michael Beckler, Aviary Biologist, Wildlife, (509) 830-4748 or email Michael_Beckler@yakama.com

Send proposals to the following address:

Attn: Wildlife

P.O. Box 151 Toppenish, WA. 98948

Possible Architects

Barn Masters

1909 Ekelman Rd.

Yakima, Wa 98901

(509) 457 - 3548

KDA Architecture

1310 N 16th Ave

Yakima Wa 98902

(509) 575 - 5408

Evergreen Drafting

709 E 6th Ave

Ellensburg, WA 98926

(509) 728 - 6977

A Thru Z Consulting & Distributing, Inc.

8620 E. Old Vail Rd, Suite 100

Tucson, AZ 85747

520-434-8281 Office

www.athruzcad.com

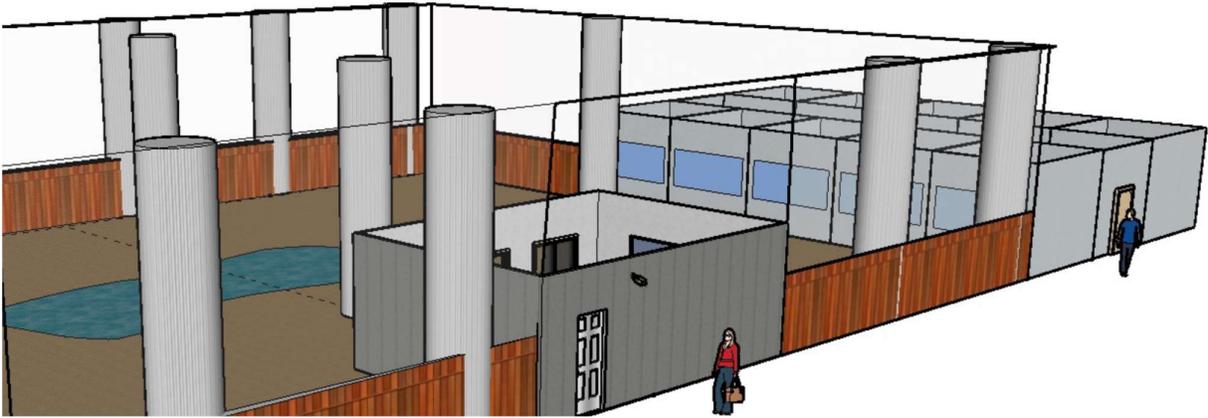
Stone River Engineering Co.

111 Wright Avenue, Suite B

Cle Elum, WA 98922

(509) 674 – 5080

What a potential design could look like:



515 Satus Longhouse Dr:

