

REQUEST FOR PROPOSAL (RFP)

Competitive Proposal

The Columbia River Inter-Tribal Fish Commission



Computer Equipment and Services: Network Servers

Contractors Invited: All licensed and qualified Contractors

Primary RFP Contact: Sara K. Pennington at rfq@critfc.org

Project Team Members: Charles Seaton, CMOP Program Coordinator

Critical Dates:

Proposal Submission Deadline: June 10, 2022, 5pm (PT)

Tentative Award Selection: 30 business days after submission deadline.

Project Initiation: Commences upon completion of signed contracts by all involved parties.

PART I-BACKGROUND

The Columbia River Inter-Tribal Fish Commission (CRITFC), established in 1977, is comprised of four sovereign tribal governments: The Confederated Tribes of the Umatilla Indian Reservation (Pendleton, OR), the Confederated Tribes of the Warm Springs Reservation of Oregon (Warm Springs, OR), Nez Perce Tribe (Lapwai, ID), and the Confederated Tribes and Bands of the Yakama Indian Nation (Toppenish, WA).

The CRITFC mission is to ensure a unified voice in the overall management of the fishery resources, and as managers, to protect reserved treaty rights through the exercise of the inherent sovereign powers of the tribes. The organization conducts business through a single decision-making body known as the “Commission”, which is comprised of Fish and Wildlife representatives from each member-tribe. The Commission operates and establishes policy through a consensus of those elected representatives, with each member-tribe having a single vote. The tribes’ authority for action includes, but is not limited to, reserved treaty rights in the Columbia Basin, the Pacific Salmon Treaty, statutes, case law, and other legal precedent. Additional information on the CRITFC can be located on the website www.critfc.org

PART II-PROJECT OVERVIEW

Introduction:

The Columbia River Inter-Tribal Fish Commission (CRITFC) invites you to submit a proposal for delivering two VM host servers and a fileserver with minimum usable capacity of 100TB. The servers will be hosted at Oregon Health and Science University (OHSU) Data Center West (DCW), located in Beaverton, Oregon.

Background:

CRITFC’s is seeking proposals from entities that provide **computer servers** and warranty services. CRITFC is seeking to purchase servers to replace existing aging servers located at OHSU’s Data Center West. The existing hardware is used for data management by CRITFC’s Coastal Margin Observation and Prediction (CMOP) program to manage and serve observation data and numerical model output.

CRITFC services to be hosted on the two VM servers include data processing, an ERDDAP data server (<https://coastwatch.pfeg.noaa.gov/erddap/information.html>), and a 2 TB Postgres database, with the second VM server providing load balancing and fail-over capacity.

PART III-HARDWARE AND WARRANTY SPECIFICATIONS

Hardware and warranty specifications are provided to identify the products/service required and to establish an acceptable quality and compatibility level. When an article of particular make, model or trade name is specified, it is meant to establish a quality standard and is not intended to eliminate competing articles of equal quality. Contractors are at liberty to quote on substitutions provided that complete specifications are included with the quote.

Unless otherwise specified, information to address equivalent substitutes in brand name or equal descriptions must include published information and descriptions that demonstrate

equivalent functionality in terms of significant (or other specified, e.g. form, fit or function) performance characteristics; similar duration and scope of warranty protections; comparable experience with the same, similar, or predecessor product line; and an adequate period (or minimum period specified in the solicitation) of customer support experience to demonstrate a comparable acceptable level and availability of customer support. The determination of whether a proposed substitute is acceptable is completely within the discretion of the CRITFC.

Hardware Summary:

The following hardware is the focus of this request for proposals.

1. Two identical virtual machine servers
2. Fileserver with minimum capacity of 100 TB useable space and capability to be expanded to 400TB useable space.

VM Systems:

The servers to be used as Linux VM hosts will use VMware vSphere hypervisors and are required to meet the system requirements specified by VMware (<https://store-us.vmware.com/vmware-vsphere-essentials-plus-kit-285644500.html>). VMs will include moderately complex web application services, data processing services, an ERDDAP data server and a 2 TB Postgres database.

Required system characteristics:

- A minimum of 2x 10GbE network interfaces
- 512 RAM, 48 cores, and 10+ TB of usable local storage (RAID 6 or RAID-Z3)
- Intel® Xeon® Gold 6240R 2.4G, 24C/48T, 10.4GT/s, 35.75 M Cache, Turbo, HT (165W) DDR4-2933 or equivalent
- Hardware must be compatible with VMware vSphere, specific hardware that meets these criteria is listed at <https://www.vmware.com/resources/compatibility/search.php>

VM server systems must also meet OHSU data center requirements:

- The equipment must have front to rear airflow.
- The equipment must have at least dual power supplies.
- The power supplies must be able to operate at 240 volts.
- The equipment must be rack mountable.
- The equipment must conform to the Rack Unit sizing standard, with no half-RU sizes that would introduce a gap in the face of the rack.
- The equipment must come with rack rails that the equipment is installed into. Rails at DCW are spaced at 27.25"
- The equipment must have an out-of-band management card that can be used to remotely control power and access the console.
- No bezel (front cover).
- No rear cable-management arm.

Filer Server:

1 medium-performance NAS file server, with a capacity of at least 100 TB useable capacity using RAID-Z3, designed as a 2U file server head node, with similar RAM and core requirements as the VM servers, and a 100+TB file server units, 2U or 4U standard rack configuration, daisy chain-able to extend capacity to 400 TB useable capacity. File server units must meet the same OHSU data center requirements listed for the VM servers:

- The equipment must have front to rear airflow.
- The equipment must have at least dual power supplies.
- The power supplies must be able to operate at 240 volts.
- The equipment must be rack mountable.
- The equipment must conform to the Rack Unit sizing standard, with no half-RU sizes that would introduce a gap in the face of the rack.
- The equipment must come with rack rails that the equipment is installed into. Rails at DCW are spaced at 27.25"
- The equipment must have an out-of-band management card that can be used to remotely control power and access the console.
- No bezel (front cover).
- No rear cable-management arm.

Warranty Requirements:

- All items supplied must be within original equipment manufacturer (OEM) specifications and not decrease performance or warranty.
- Include all other warranties applicable.
- Preference for a 7-year warranty with "keep your disks" disk replacement.
- Warranty allowing replacement of warranted parts by data center staff strongly preferred.
- Capability to provide on-site service, complying with OHSU requirements for on-site visits required.
- Demonstration of reliability and efficiency of maintenance and replacement service will be evaluated along with initial price and component quality.

PART IV PRICING

The estimated cost of performing the CRITFC required scope of service and requirements must be detailed in a cost proposal. The total maximum estimated price is to contain all direct and indirect costs including all out-of-pocket expenses required to deliver the entire solution. Please identify and describe any additional anticipated cost-based information.

- Pricing must fully represent all costs required to deliver the entire solution.
- All costs must be listed separately, clearly identified, and un-bundled.
- Method of acquisition to be submitted as an outright purchase of equipment with a one-time acquisition cost with all associated fees.
- Quoted pricing to remain fixed.
- Each quote must indicate that CRITFC will fully own the equipment upon acceptance.
- Quote shall include F.O.B. Destination Freight prepaid. FOB Destination to Beaverton, Oregon to be inclusive of packing, forwarding, freight, insurance charges, taxes, testing, and any other associated charges.

- Equipment shall be shipped to destination within the delivery period; not to exceed 120 days.

In addition, the Contractor is required to provide clear expectations of what the Contractor may need the CRITFC to furnish such as, additional information, expertise, equipment, etc., to ensure a successful solution.

PART V-EVALUATION AND SELECTION CRITERIA

Proposals will be evaluated through a criteria-based selection process conducted by a review team. The following selection criteria will be used to evaluate the content of the written proposals based on a weighted scoring method totaling 100 points:

Adequacy of Proposal: 50 points

- Demonstrated understanding of the equipment and services requested.
- Proposal outlines a process for providing an end-to-end solution.

Adequacy of Warranty: 40 points

- Length and coverage of warranty(ies).
- Demonstrated capacity to provide warrantied services in Beaverton, Oregon.

Cost Proposal: 10 points

- Provides the best-value solution for the CRITFC. Includes any supplemental items (proprietary offerings, value-added services, cost saving measures, enhancements, Contractor specific offerings, etc.).

Tribal Preference: Indian Preference Act of 1934 (Title 25, USC, Section 47). To the greatest extent feasible, preference shall be given to Indians, Indian Organizations, or Indian owned economic enterprises in the award of all contracts and subcontracts. Must meet these factors to secure Indian Preference status: Membership in a federally recognized tribe; Indian Ownership of 51% or more; Indian Control; and Indian Management.

PART VI-ADDITIONAL PROPOSAL INFORMATION

Closing Date for Submissions

The closing date for submissions will be on June 10, 2022, 5pm (PT) at 5:00 p.m. Proposals received after the specified time will not be considered. Contractors must submit a digital copy (via email) of their proposal to Sara K. Pennington at rfq@critfc.org

Necessary Information

Proposals must contain all information requested in the RFP. The CRITFC will not consider additional information submitted after the closing date and may reject incomplete proposals.

Agency References

A minimum of three references must be provided, including client contact names similar project types, cost and scope completed, business addresses, phone numbers, and email addresses.

Cost of Proposals

The CRITFC shall not be liable for any expenses incurred by Contractors in either preparing or submitting proposals, evaluation/selection, or contract negotiation process, if any. Note: Contractor will agree that Contractor is independent with respect to the CRITFC, and Contractor shall not be entitled to any fringe benefits (health, life or accident insurance benefits, paid vacation, or any other employee benefit); Federal Social Security; Worker's Compensation; or Unemployment Insurance benefits. Contractor is responsible for paying any tax due as a result of this RFP.

Request for Clarification

Contractor may submit requests for clarification via email by May 23, 2022, 5pm (PT). The CRITFC will not consider any requests submitted after the date specified above. Questions regarding the RFP or request for clarification shall be sent, via email, at rfq@critfc.org

Confidential Information

By submitting a proposal, the Contractor agrees to keep confidential all information provided in connection with the RFP.

Requests for Further Clarification of Proposals

The CRITFC may request additional clarification from Contractors on any portion of the proposal.

Cancellation of RFP

The CRITFC may cancel this RFP at any time upon finding that it is in the CRITFC's best interest to do so.

Rejection of Proposals

The CRITFC may reject a specific proposal, or all proposals, upon finding that it is in the CRITFC's best interest to do so.

Award and Contract

We will notify all Contractors, whether they are disqualified, rejected, or unsuccessful although responsive. All final specifications shall be negotiated and finalized by purchase order or contract. This RFP gives rise to no contractual obligations, implied or otherwise.

Protest of Tentative Award Selection

An email notification of tentative award to the Contractor whose proposal is deemed to be most advantageous and of best value towards meeting the project objectives will be sent. A separate 'no award' email will be sent to all other Contractors that submitted a proposal in response to this RFP. Any Contractor who claims to be adversely affected by the selection of a competing Contractor shall have seven (7) calendar days after receiving the notice of selection to submit a protest, via email, to rfq@critfc.org

References

The CRITFC reserves the right to investigate the references and past performance of any Contractor with respect to its successful performance of similar services, compliance with

RFP and contractual obligations, and its lawful payment of suppliers, sub-contractors, and employees. The CRITFC reserves the right to reject any proposal at any time prior to the execution of any resulting contract. Please submit DUNS numbers for your company to facilitate our credential evaluation.