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COUNCIL

## Request for Proposals

Western Pacific Fishery Management Council

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The Western Pacific Regional Fishery Management Council (the Council) is soliciting proposals to for contractual services listed below.

**CONTRACT SERVICE:** Technical support in the development of the National Oceanic and Atmospheric Administration (NOAA) Pacific Islands Fisheries Science Center's (PIFSC) backend system to allow for database transfer and app function upgrades.

**CONTRACT PERIOD:** The contract will begin March 15, 2022 and be completed by July 15, 2022.

**SCOPE OF WORK:** The Contractor will augment PIFSC developers for 16 weeks. The team augmentation will continue to develop the cloud database system to receive the Catchit Logit app suite data and transfer the legacy database system from Visual FoxPro. The contractor will also develop new features for the Catchit Logit app suite based on the prioritized list from the Council and PIFSC.

The contractor shall:

- Continue development of the codebase for the backend system in the NOAA cloud server
- Provide development of the Application Programming Interface integration into the revised data structure
- Provide support and development of the database system architecture
- Provide consultants to the PIFSC developers to guide the development on the federal side
- Provide human resources for the infrastructure engineering
- Conduct regular engineering meetings for updates and goal setting in the development of the database system.
- Manage the code repository
- Provide technical support on the definition of the product requirements

**ELIGIBILITY:** The potential Contractor must:

- Have detailed working knowledge on designing, maintaining, improving, and integrating large database schema as well as developing application architecture;
- Have experience and working knowledge of AWS, MySQL, modern web application frameworks, and engineering best practices in web application development;
- Have a demonstrated familiarity, knowledge, and experience working with commercial and non-commercial fisheries data from American Samoa, the Commonwealth of Northern Mariana Island, Guam, and Hawaii, including local resource management agencies and associated data collection programs;
- Be able to work independently and communicate effectively with the Council, its staff, PIFSC, and other partners as necessary; and
- Be available to start the project in March 2022 and complete the project by July 2022.

**REQUIREMENTS:** The Contractor will independently work in close coordination with the PIFSC and Council staff to meet deliverable timelines and produce requested database and application improvements. The Contractor will communicate as needed with PIFSC, Council staff, and other partners as necessary.

**HOW TO APPLY:** Proposal submissions should include a proposal including the following items (maximum 3 pages): a. Name, affiliation, and contact information of the principal contractor(s); b. Brief statement addressing the requirements as stated; c. Budget; d. Curriculum vitae or resume for each project participant, and d) company profile/capacity statement

Proposals may be submitted by e-mail (attach materials in PDF files) to [info@wpcouncil.org](mailto:info@wpcouncil.org) or regular mail to: Western Pacific Regional Fishery Management Council 1164 Bishop Street, Suite 1400, Honolulu, HI 96813.

**SUBMISSION DEADLINE:** Proposals will be accepted until March 11, 2022, or until a contractor is engaged.