U.S. Fish and Wildlife Service

Determination for Issuing a Single Source Financial Assistance Award

Instructions: In accordance with Service policy 516 FW 6, *Issuing Discretionary Grant and Cooperative Agreement Awards without Competition*, complete this form to document the justification for issuing a single source grant or cooperative agreement award. This form must be signed by both a program representative and the employee with signature authority for the award to be issued (see 516 FW 3, *Signature Authority for Grant and Cooperative Agreement Awards*). The completed and signed form must be maintained in the official award file.

Recipient Name: Fish Metrics, Inc.

Project Title: Estimating the abundance of juvenile winter-run chinook salmon...Delta

Program Contact: Pat Brandes, Lodi FWO

Select all criteria that apply (from 505 DM 2):

✓	(1) Unsolicited Proposal: The proposed award is the result of an unsolicited application that represents a unique or innovative idea, method, or approach that is not the subject of a current or planned award, but is found to be advantageous to program objectives.
✓	(2) Continuation: The activity to be funded is necessary for the satisfactory completion of, or is a continuation of, an activity we are funding and holding a competition would have a significant adverse effect on continuing or completing the activity.
	(3) Legislative Intent: The language in the applicable authorizing legislation or legislative history clearly indicates the intent of Congress to restrict the award to a particular recipient or purpose.
✓	(4) Unique Qualifications: The applicant is uniquely qualified to perform the activity based on a variety of demonstrable factors such as location; property ownership; voluntary support capacity; cost-sharing ability, if applicable; technical expertise; or other such unique qualifications.
	(5) Emergencies: Because of a compelling and unusual urgency, or substantial danger to health or safety, there is not enough time to follow adequate competitive procedures.

Explain below why competition for this award is not practical. As applicable, summarize the program legislative history, unique capabilities of the proposed recipient, and any cost-sharing contribution offered by the proposed recipient. Be brief and specific:

Fish Metrics, Inc. (Brian Pyper) is uniquely qualified to do this analysis because of his past experience (application of his technical expertise and continuing nature of this work) and his novel approach of using paired coded-wire and acoustic tag fish releases to estimate trawl efficiency at Sacramento and Chipps Island. His previous work estimated abundance of juvenile salmon by run at Chipps Island in 2008-2011. The new work will use the same methodologies as the past at Sacramento which will result in efficiency in conducting the analyses. Results from the new methodology will be compared to those from the past.

I have determined that this project meets the requirements for a single source award and recommend that it be awarded to the recipient named above.

Pat Brandes 6/27/17

Program Representative Sign and Date

Patricia Little Brandes

Printed Name of Program Representative

I, as the Service employee with signature authority for this award under 516 FW 3, have reviewed this program recommendation and find that it meets the requirements for a single source award.

6/28/17

Authorized Signator Sign and Date

Cesar C Blanco

Printed Name of Signator