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: Aquatic Health Program, School of Veterinary Medicine, University of California-Davis

Project Title: The acute and chronic toxicity of two herbicides on early life stages of Delta Smelt: Endocrine assay

Program Contact: Dr. Swee Teh, Ph.D.

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:

The UC Davis Aquatic Health Program is uniquely qualified to conduct toxicity evaluations on the federally-listed Delta Smelt. The University maintains an experimental population of Delta Smelt for this purpose. Delta Smelt are challenging to rear in captivity, especially in a laboratory setting, and the Aquatic Health Program has developed protocols to achieve needed control survival during testing. No other public or private entity has ready access to an experimental population nor has the required ESA permits in place to conduct cost-effective testing in the needed time frame.

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.

Leanna Zuelig 07/17/15

Program Representative Sign and Date

Leanna Zuelig

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.

7/21/15

Authorized Signator Sign and Date

Darrin Thom

Printed Name of Signator