

STATEMENT OF WORK
Capture and Determination of the Fungal Infection Status of Arboreal and Ensatina Salamanders in Central California

1. GENERAL: The U.S. Fish and Wildlife Service, in cooperation with the U.S. Department of Agriculture-APHIS (USDA) and U.S. Department of Interior Restoration Support Unit, will be conducting a study of the potential effects of rodenticide exposure to Farallon arboreal salamanders (*Aneides lugubris farallonensis*) in support of NEPA planning for the proposed South Farallon Islands house mouse eradication project. The study will utilize live, wild-caught salamanders with common mainland populations as surrogates for the rare Farallon salamanders. The species chosen for this study are ~~the mainland~~ *A. lugubris* ~~boreal~~ and Ensatina (*Ensatina eschscholzii*) salamanders.

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This project will provide live, healthy, wild-captured *A. lugubris* and ~~Ensatina~~ (~~*E. eschscholzii*~~) salamanders for the rodenticide exposure study. Wild salamanders will be live-captured from sites within the greater San Francisco Bay Area. Up to 90 live and healthy *E. eschscholzii* ~~Ensatina~~ salamanders and up to 30 live and healthy arboreal *A. lugubris* salamanders will be provided for the study. After capture, animals will be housed temporarily in individual containers and cared for following approved animal care protocols. Each salamander will be tested for disease prevalence of two fungal pathogens *Batrachochytrium dendrobatidis* and *Batrachochytrium salamandrivorans*. Following testing, animals will be shipped overnight to the U.S. Department of Agriculture- Wildlife Services, Fort Collins, Colorado, for rodenticide lab trials (exact address to be provided prior to shipping).

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2. PURPOSE: This project will be conducted to study of the potential effects of rodenticide exposure to Farallon arboreal salamanders (*A. lugubris farallonensis*) in support of NEPA planning for the proposed South Farallon Islands house mouse eradication project.
3. SCOPE:
4. GOVERNMENT FURNISHED EQUIPMENT/INFORMATION:
The government will:
 1. Serve as liason between the contractor and USDA for shipment of salamanders to USDA;
 2. Provide address and contact information for shipping salamanders to USDA.
5. PLACE OF PERFORMANCE: Salamanders will be captured within the Greater San Francisco Bay Area, California. Temporary housing of salamanders and lab testing for disease prevalence shall be conducted at Contractor's place of business. The period of performance for this task order is from the date of award through December 31, 2016.
6. EVALUATION AND ACCEPTANCE: After salamanders have been captured and tested for fungal pathogens, contractor will notify the Contracting Officer's Representative (COR) to schedule an inspection of the salamanders. Following inspection, the COR will instruct the contractor on which salamanders to ship or not ship to USDA. Preferably, all salamanders for the trials will be shipped simultaneously. However, in order to expedite the study,

salamanders may be shipped in separate batches if necessary and upon approval by the COR. Only salamanders received by USDA alive and in good health for the study will be accepted. If any salamanders are received dead or in health considered unfit for the study, the COR may 1) request additional salamanders, 2) accept a smaller sample size but provide payment only for live, healthy salamanders or 3) cancel the contract.

Commented [GJM1]: Nathan, any thoughts on how to handle payment if they provide a partial sample for the study but not what we asked for? If we don't get an adequate sample size, our study will be inadequate.