



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pacific Southwest Region
2800 Cottage Way, Suite W- 2606
Sacramento, California 95825



Statement of Work

Award Number:

F14AC00237

Project Title:

Farallon Ecosystem Monitoring and Refuge Stewardship (Cosco Busan Auklet Boxes)

Project description: *(purpose, timeframe, expected outcomes, project location, tasks, etc.)*

To continue efforts to create new durable, “climate smart” nesting habitat for Cassin’s Auklets on the Farallon National Wildlife Refuge, Point Blue Conservation Science proposes the following work, and requests funding from the Trustee Council, for phase 1 of the implementation phase of this project. This phase involves the construction, implementation and evaluation of 30 ceramic auklet nest modules on the Refuge. This phase build on the design and testing phase and improvements made to the “mailbox” module design outlined in previous progress reports. This design has shown good promise and favorable temperature results in 2015/16 trials. This phase will allow for wide scale validation of smaller scale nest temperature, auklet use and success results in this new artificial habitat design, providing strong proof of concept which can be leveraged to fund and implement the full project. Challenges of this project have included underestimated budgeting of the design and evaluation portion of this project to meet the specific needs of long term durable nesting habitat that adapts to climate changes impacts. No project implantation partners were involved in developing these budgets. However, we are confident that due diligence has been taken for proper project development to meet our goals. This stage of implementation will help us leverage future wide scale implementation. Point Blue Conservation Science can commit to providing at least a 1:1 match for future funding of implementation of this project. The current proposed work is also supplemented by over \$10,000 of in kind support provided by Point Blue and our partners at Oikonos and the California College of the Arts. As monitoring efforts of new habitat will part of Point Blue’s long term Farallon operations we believe that reallocation of some of the monitoring funds for project implementation might be appropriate. We are excited that this phase of project implementation will answer any remaining unanswered questions about habitat design and use by auklets and lay excellent groundwork for completion of the project.

Deliverables:

- 1) Completion of construction and installation of clay module next “boxes”;
- 2) Summary of field season results and final recommendations for large scale implementation

Project maps/photos:

N/A

Service monitoring: *(site visits, conference calls, shared leadership)*

Recipient will keep Refuge Manager apprised of progress and any issues impacting project completion. Refuge Manager will inspect clay modules on a site visit in Summer 2018.

Service Project Officer: *(name and contact information)*

Anne Morkill, 510-792-0222, x123; anne_morkill@fws.gov

Recipient Project Officer: *(name and contact information)*

Ellie Cohen; 707-781-2555, x 318; ecohen@pointblue.org

Statement of Work prepared by:

Signature

Gerry McChesney

Print Name

Manager, Farallon Islands National Wildlife Refuge

Title

03/19/2018

Date