



United States Department of the Interior

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



In Reply Refer To:
FWS/SFBNWRC PRBO

JUL 21 2014

Point Reyes Bird Observatory
dba Point Blue Conservation Science
Ellie Cohen, President and CEO
3820 Cypress Drive, #11
Petaluma, CA. 94954
DUNS: 119744100

Field Station Copy

Subject: Notice of Cooperative Agreement Award F14AC00237

Dear Ms. Cohen:

Your organization's application for Federal financial assistance titled "Protect, Conserve and Monitor the Farallon Islands' Ecosystem" submitted to the U.S. Fish and Wildlife Service's (USFWS) CFDA Program 15.608 is approved. This award is made under the authority of the Fish and Wildlife Act of 1956, as amended, 16 U.S.C. 742a-742j. For a complete list of this program's authorizing legislation, go to <https://www.cfda.gov/> and search by the CFDA Program number. This award is made based on USFWS approval of your organization's proposal (SF424 Application) signed on 05/14/2014, hereby incorporated by reference into this award. Funds under this award are to be used to provide stewardship with Point Reyes Bird Observatory doing business as Point Blue Conservation Science (Point Blue) at the U.S. Fish and Wildlife Service (Service), Farallon National Wildlife Refuge (Refuge). The objective is to protect, conserve and monitor the Farallon Islands ecosystem including but not limited to birds, mammals, salamanders, insects, other wildlife and plants. This project will benefit the Refuge by maintain facilities on the Farrallon Islands and by collecting data to help guide management actions and promote public awareness:

The Recipient Will:

- Furnish the necessary personnel, equipment and supplies and otherwise perform all things necessary for or incident to assisting the Service on the Farallon National Wildlife Refuge (Refuge) with: managing and promoting public awareness of the Refuge; monitoring of seabirds, marine mammals, and other wildlife and plants; providing routine sea going transportation for staff and supplies.
- Providing protective services for Refuge lands and wildlife to the maximum extent possible.

- Operating, maintaining and improving the facilities including conducting inspections and preventative maintenance in accordance with procedures outlined in the Farallon Operations Handbook and Monthly Maintenance Checklist.
- Furnish monthly phone line/internet communications services that interface with Service-provided communications hardware.
- Provide information and expert opinion to the Service for refuge management purposes.
- Assist the Service with development or review of reports, proposals, plans, environmental compliance documents, or other documents pertaining to the Refuge that are within the scope of Point Blue's expertise.
- Participate in the Refuge Safety Committee.
- Meet periodically with Service personnel to assess progress and to promote exchange of information to assure coordination of this cooperative effort.

The Service Will:

- Take all responsibility for managing the Refuge.
- Provide biologists and maintenance personnel, on an as available basis, necessary to maintain Service facilities and equipment.
- Conduct habitat management activities.
- Conduct biological activities, and other administrative duties.
- Meet periodically with Point Blue to provide technical assistance and review progress related to the cooperative effort.
- Provide basic equipment, including major kitchen appliances, washer, water supply and filter system, and materials and equipment necessary to maintain the Service facilities on Southeast Farallon Island.
- Provide an electrical system necessary for power to the Service facilities, water supply pump, workshop and boat hoist, including all parts, overhauls, oil, fuel, wires, circuit breakers required to maintain the electrical system.
- Provide 2 boats with outboard motors (one each for North and East Landing) for use in accomplishing tasks specified in this Agreement.
- Provide radio and satellite communication system hardware to ensure adequate communications for health and safety of personnel on the island.

Type of Agreement:

- | | |
|---|--|
| <input type="checkbox"/> Grant Agreement | <input type="checkbox"/> Fisheries Program |
| <input checked="" type="checkbox"/> Cooperative Agreement | <input checked="" type="checkbox"/> Refuges Program |
| <input type="checkbox"/> Fire Agreement | <input type="checkbox"/> Ecological Services Program |
| <input type="checkbox"/> Challenge Cost Share | <input type="checkbox"/> Science Applications |
| <input type="checkbox"/> CESU Master Agmt # | <input type="checkbox"/> Migratory Birds |
| <input type="checkbox"/> NRDA | <input type="checkbox"/> National Wetlands Inventory |

Type of Organization:

- | | |
|--|---|
| <input type="checkbox"/> State Government | <input type="checkbox"/> Local Government |
| <input type="checkbox"/> Tribal | <input checked="" type="checkbox"/> Non-Profit Organization |
| <input type="checkbox"/> Higher Education Inst. | <input type="checkbox"/> Private Individual |
| <input type="checkbox"/> For Profit Organization | |

Project Period:

The project period of this award is April 1, 2014 through September 30, 2019. This is the period of Federal sponsorship. Point Blue may invoice for expenses dating back to April 1, 2014. This project will be funded incrementally over time based on availability of funds. The Service will provide funds (Base Funds) to Point Blue annually, or more often if necessary, to accomplish and enhance the public benefits incorporated in this agreement based on the following formula as funds allow: 1) the equivalent annual salary (at the calendar year 2014 local geographic federal base pay) of one GS-7 and one GS-11, Step 1; plus 2) a fixed 20% benefits adjustment; plus 3) a per diem allowance (at \$20/day per person camp rate) for two people for the entire year. Additional funding for other specific projects may be provided as they become available. For each increment of funding, Point Blue will need to submit the following federal forms: 1) SF424 Application for Federal Assistance; and 2) SF424A Budget (Non-construction programs). Also, additional funds for specific projects will require separate scopes of work.

The funding period for the first segment of this project is April 1, 2014 through March 31, 2015. The total amount of USFWS funding available for the first segment of this project is \$173,855.00. Only allowable costs resulting from obligations incurred during this funding period and any authorized pre-award costs that are approved may be charged to this award.

The USFWS may revise this award over time to add new funding for each subsequent project segment. Each project segment will be assigned a specific funding period, during which only allowable costs resulting from obligations incurred during the specified funding period may be charged to this award. All obligations incurred during a funding period must be liquidated within 90 days of the funding period end date. You must submit a written request to the USFWS Project Officer before the end of the stated period if you need more time to liquidate all obligations.

The USFWS's obligation to provide incremental funding up to the total anticipated award amount is contingent on: 1) satisfactory Recipient performance and 2) the availability of funds. No legal liability on the part of the USFWS exists unless and until the USFWS obligates funds and notifies the Recipient in writing that funds are available for the purposes of this award.

Funding:

This award is funded as follows:

	<u>USFWS</u>	<u>Recipient</u>
This obligation:	\$173,855.00	\$305,260.00
Previous obligation:	\$0.00	\$0.00
Award Total:	\$173,855.00	\$305,260.00

Federal Share/Match Requirements: Point Blue will provide in-kind services valued at a 2:1 match. In-kind services include, but are not limited to, additional staff/interns needed for data collection, coordinating transportation and logistics for the island, and activities that result in other public benefits as outlined above. The total annual cost of the project to Point Blue is approximately \$500,000.

System for Award Management (SAM) Registration:

Under the terms and conditions of this award, your organization must maintain an active SAM registration at <https://www.sam.gov/portal/public/SAM/> until the final financial report is submitted or final payment is received, whichever is later. If your organization's SAM registration expires during the

required period, the USFWS will suspend payment under this and all other USFWS awards to your organization until you update your organization's SAM registration.

Terms of Acceptance:

Acceptance of a financial assistance award from the USFWS carries with it the responsibility to be aware of and comply with the terms and conditions applicable to the award. Acceptance is defined as the start of work, drawing down funds, or accepting the award via electronic means. Awards are based on the application submitted to and approved by the USFWS. Awards are subject to the terms and conditions incorporated into the notice of award either by direct citation or by reference to the following: Federal regulations; program legislation or regulation; and special award terms and conditions. The Federal regulations applicable to USFWS awards are listed by recipient type in the **USFWS Financial Assistance Award Terms and Conditions** posted on the Internet at <http://www.fws.gov/grants/>. If you do not have access to the Internet and require a full text copy of the award terms and conditions, contact the USFWS Project Officer.

Payments:

Your organization has completed enrollment in U.S. Treasury's Automated Standard Application for Payment (ASAP) system. When requesting payment in ASAP, your Payment Requestor will be required to enter an Account ID. The Award Number assigned to this award is the partial Account ID in ASAP. When entering the Account ID in ASAP, the Payment Requestor should enter the Award Number identified in the subject line on this Notice of Award followed by a percent sign (%). Refer to the ASAP.gov Help menu for detailed instructions on requesting payments in ASAP. Point Blue is required to manage and invoice separately funds across purposes or programs, including Base Funds (as described in Project Period, above) and other funds for specific projects.

Reporting Requirements:

Financial and Performance Reporting Requirements:

Annual interim financial and performance reports and final financial performance reports are required under this award. The report periods and due dates under this award are:

Report:	Report Period:	Report Due Date:
<u>Interim</u> financial & performance report	April 1, 2014-March 31, 2015	June 29, 2015
<u>Interim</u> financial & performance report	April 1, 2015-March 31, 2016	June 29, 2016
<u>Interim</u> financial & performance report	April 1, 2015-March 31, 2017	June 29, 2017
<u>Interim</u> financial & performance report	April 1, 2017-March 31, 2018	June 29, 2018
<u>Final</u> financial & performance report	April 1, 2018-March 31, 2019	June 29, 2019

Recipients must use the SF 425, *Federal Financial Report* form for all financial reporting. This form is available at http://www.whitehouse.gov/omb/grants_forms/.

Performance reports must contain: 1) a comparison of actual accomplishments with the goals and objectives of the award as detailed in the approved scope of work; 2) a description of reasons why established goals were not met, if appropriate; and 3) any other pertinent information relevant to the

project results. Please include the USFWS award number provided in the subject line of this letter on all reports.

Financial and performance reporting due dates may be extended by the USFWS upon receipt of a written request addressed to the USFWS Project Officer identifying the type of report to be extended, the requested revised due date, and a justification for the extension. The USFWS Project Officer may approve an additional extension if justified by a catastrophe that significantly impairs the recipient's operations. Requests for reporting due date extensions must be received by the USFWS Project Officer before the original reporting due date.

Significant Developments Reports:

Events may occur between the scheduled performance reporting dates that have significant impact upon the supported activity. In such cases, notify the USFWS Project Officer in writing as soon as the following types of conditions become known:

- Problems, delays, or adverse conditions that will materially impair the ability to meet the objective of the Federal award. This disclosure must include a statement of any corrective action(s) taken or contemplated, and any assistance needed to resolve the situation.
- Favorable developments that enable meeting time schedules and objectives sooner or at less cost than anticipated or producing more or different beneficial results than originally planned.

Other Deliverables:

- Monthly Report that includes updates on populations, breeding status for 13 nesting species of seabirds, 5 species of pinnipeds, other breeding birds, and any endangered/threatened species recorded on the South Farallon Islands. For pinnipeds, average and peak monthly adult and pup counts will be included. The monthly reports will also contain information on staffing, visitors, dates and numbers of visitors to the Wilderness Area, weather, bird, marine mammal, salamander or cricket activity of interest, habitat restoration activities, violations, sightseeing boat activity, maintenance, fuel and water usage, and other noteworthy wildlife or human occurrences on or around the Refuge. The April report will contain an estimate of water collection.
- Annual Seabird Report (due December 15 each year) that includes the following information for all seabird breeding species: 1) breeding population estimate (including maps of survey results and correction factor calculations); 2) breeding success (described as average number of chicks/breeding pair, combining first and second attempts; include sample size); 3) other components of breeding success (i.e., average clutch size, brood size, hatching success and fledgling success); 4) dates of last chicks fledged; 5) numbers of chicks and adults banded; and 6) interpretation of results and management recommendations. For species where estimates of population size or breeding size monitoring is problematic (i.e., ash and Leach's storm-petrels, double-crested cormorant, Cassin's and rhinoceros auklets, and tufted puffin), other information such as numbers banded, capture/recapture data, box occupancy rates, index plot data, number of active sites, etc. will be included as appropriate. For common murre and Brandt's cormorants, the report will provide information from each sample plot.
- Annual Pinniped Report (includes April to March, due the following May 1 each year). This report will include northern elephant seals, northern fur seals, Steller sea lions, California sea

lions, harbor seals. The elephant seal section will include breeding activity and provide data on total breeding population size and breeding success. Numbers of breeding females, pups and weaners produced, and pup mortality will be reported for SEFI colonies, and as access/observation conditions allow, for West End colonies. Methods, interpretation of results, management information, and information on West End monitoring (e.g. dates and number of trips and number of animals disturbed) will also be included. Sections for all other species will include breeding activity, timing of breeding, graph of annual population cycle (average and variance), peak number of pups, and discussion of trends relative to historical data.

- Annual Ecosystem Report (due August 15 each year). This report will include but is not limited to landbirds (migrants and owls), white sharks (predation events), salamanders (population index), insects (including cricket population index), and summaries on other wildlife and plant monitoring.

All reports and other deliverables must be sent to the USFWS Project Officer.

Project Plan and Budget Amendments:

Recipients are permitted to re-budget within the approved direct cost budget to meet unanticipated requirements and may make limited program changes to the approved project. However, certain types of post-award changes in budgets and projects shall require the *prior written approval* of the USFWS Project Officer. State, local, or Indian tribal governments must refer to 43 CFR 12.70 for additional information on the types of changes that require prior written approval. Commercial organizations, institutions of higher education, hospitals and other non-profit organizations must refer to 43 CFR 12.925 for additional information on the types of changes that require prior written approval.

Project Period Extensions:

If additional time is needed to complete the approved project, you must send written notice to the USFWS Project Officer. This notice must be received by the USFWS Project Officer at least 10 calendar days before the authorized project period end date, and must include supporting reasons and revised end date. Extensions for time cannot be authorized for the purpose of spending an unused balance of funds that remains after the approved project activities have been completed.

Project Contacts:

The USFWS Project Officer for this award is:

Gerry McChesney
Manager, Farallon National Wildlife Refuge
1 Marshlands Road
Fremont, CA 94555
510-792-0222, ext. 222
gerry_mcchesney@fws.gov

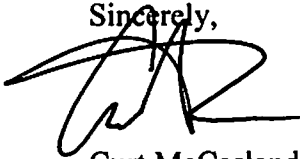
The Recipient Project Officer for this award is:

Ellie Cohen
President and CEO
3820 Cypress Drive, #11
Petaluma, CA 94954
707-781-2555, x 318
ecohen@pointblue.org

Please contact Gerry McChesney with any questions. Please include the USFWS award number provided in the subject line of this letter in all written communications:

Gerry McChesney
Manager, Farallon National Wildlife Refuge
1 Marshlands Road
Fremont, CA 94555
510-792-0222, x 222
gerry_mcchesney@fws.gov

Sincerely,

A handwritten signature in black ink, appearing to be 'Curt McCasland', written over the word 'Sincerely,'.

Curt McCasland
Refuge Supervisor

Attachments:

Scope of Work – Ecosystem Monitoring and Refuge Stewardship

Budget – Ecosystem Monitoring and Refuge Stewardship

Scope of Work and Budget – Cosco Busan Auklet box restoration on Southeast Farallon Island

BUDGET INFORMATION - Non-Construction Programs

OMB Approval No.: 0348-0044

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non - Federal (d)	Federal (e)	Non - Federal (f)	Total (g)
1. Farallon Ecosystem		\$	\$	\$ 173,855.00	\$	\$ 173,855.00
2. matching funds					305,260.00	305,260.00
3.						0.00
4.						0.00
5. Totals		\$ 0.00	\$ 0.00	\$ 173,855.00	\$ 305,260.00	\$ 479,115.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
a. Personnel	\$	\$	\$ 124,050.00	\$ 88,770.00	\$ 212,820.00
b. Fringe Benefits			27,202.00	68,776.00	95,978.00
c. Travel			14,600.00		14,600.00
d. Equipment			2,500.00		2,500.00
e. Supplies				29,000.00	29,000.00
f. Contractual					0.00
g. Construction					0.00
h. Other					0.00
i. Total Direct Charge (sum of 6a-6h)	0.00	0.00	168,352.00	186,546.00	354,898.00
j. Indirect Charges			5,503.00	118,714.00	124,217.00
k. TOTALS (sum of 6i and 6j)	\$ 0.00	\$ 0.00	\$ 173,855.00	\$ 305,260.00	\$ 479,115.00

7. Program Income	\$	\$	\$	\$	\$
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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8.	\$	\$	\$	\$ 0.00
9.				0.00
10.				0.00
11.				0.00
12. TOTAL (sum of lines 8 - 11)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION D - FORCASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 0.00	\$	\$	\$	\$
14. NonFederal	0.00				
15. TOTAL (sum of lines 13 and 14)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (Years)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16.	\$	\$	\$	\$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:	22. Indirect Charges:
23. Remarks:	

ATTACHMENT 1
SCOPE OF WORK
COOPERATIVE AGREEMENT
between the
U.S. FISH AND WILDLIFE SERVICE
and
POINT REYES BIRD OBSERVATORY (DBA Point Blue Conservation Science)

FARALLON NATIONAL WILDLIFE REFUGE
Ecosystem Monitoring and Refuge Stewardship
Period of Performance: April 1, 2014 to September 30, 2019

I. PURPOSE/OBJECTIVE

This agreement is being implemented in order to provide stewardship with Point Reyes Bird Observatory doing business as Point Blue Conservation Science (hereafter Point Blue) of the United States Fish and Wildlife Service (USFWS, hereafter Service), Farallon National Wildlife Refuge (hereafter Refuge). The objective is to protect, conserve and monitor the Farallon Islands ecosystem including but not limited to birds, mammals, salamanders, insects, other wildlife and plants. The project will benefit the Refuge and the public by maintaining facilities on the Farallon Islands and by collecting data to help guide management actions and to promote public awareness.

II. BACKGROUND

The Farallon Islands support the largest seabird nesting colony in the United States south of Alaska and contain >30% of the breeding seabirds in California. Currently, 13 species of marine birds breed on the Refuge, including globally significant populations of several species, and hundreds of species of migratory birds. The islands also provide important breeding and resting habitat for five species of seals, fur seals and sea lions. In addition, the Refuge hosts the endemic Farallon arboreal salamander, endemic Farallon camel cricket, and a unique plant community. One of the world's largest concentrations of white sharks visit the surrounding waters of the Gulf of the Farallones National Marine Sanctuary to feed on the island's marine mammals, and globally important populations of blue, humpback and gray whales feed and migrate just offshore. In addition to providing information for Refuge management, the vigor and productivity of Farallon seabird populations is used as a barometer by scientists, organizations, and government agencies to help assess the health of the Pacific Ocean food webs and impacts of climate change. In addition to this scientific public purpose, conserving the islands' natural resources and sharing wildlife information serves a broader public purpose as well, since a large percentage of the American public considers themselves to be conservationists.

Point Blue has been studying wildlife populations and staffing a small research station on Southeast Farallon Island (SEFI) since 1968. The Farallon NWR was established in 1909, but

SEFI was not added to the Refuge until 1969. The islands, with the exception of Southeast Farallon Island, were designated as a Wilderness Area in 1974. Even after it was added to the Refuge, the Service recognized a public benefit to having Point Blue continue their presence on the island, and the arrangement became formalized in a Cooperative Agreement in the early 1970s. Maintaining a human presence on the island deters trespassers, minimizes wildlife disturbance, and helps maintain facilities in serviceable condition. Because of their stature as a widely respected research and conservation organization, Point Blue can educate a broader segment of the public about Farallon wildlife than the Refuge can on its own. Their connections with other non-profit organizations allow them to cultivate additional partnerships that benefit the mission of the Service, help fulfill the purposes for which the refuge was established, and help secure additional funding for priority initiatives.

The role of the Service in the partnership is focused mostly on restoring habitats, controlling or eradicating invasive species, maintaining infrastructure and facilities, managing/developing other partnerships, and conducting other administrative functions such as issuing Special Use Permits. Data collected by Point Blue is used by the Service to help guide management actions and promote public awareness.

Other public benefits resulting from Point Blue's activities and data collection on SEFI include the following:

- Point Blue's organizational mission is to advance conservation of birds, other wildlife and ecosystems through science, partnerships and outreach, which furthers purposes of the Migratory Bird Treaty Act, the Marine Mammal Protection Act and other regulatory mandates;
- Point Blue's Farallon Islands Program goal is to understand, protect and conserve the rich wildlife on the Farallon Islands in the face of accelerating impacts from changes in climate and other human stressors. Their research has contributed to the establishment of 3 National Marine Sanctuaries, a state law protecting California's white sharks, fishing regulations to protect seabirds, 2 state marine reserves and 1 state marine conservation area around the Farallon Islands;
- Point Blue scientists have published hundreds of scientific papers in journals and made scores of presentations at scientific symposia based on Farallon data;
- Point Blue Farallon biologists wrote the authoritative text on Farallon seabirds;
- Point Blue educational staff developed and published several brochures to raise awareness of the islands and to reduce human disturbance to seabirds;
- Point Blue, in collaboration with California Academy of Sciences (CAS) and the Service, is enhancing public outreach through the installation of a web camera;
- Point Blue, in collaboration with universities, engages graduate students in research targeted to specific Service management needs;
- Point Blue interviews with the local and national media have resulted in numerous articles and television news segments on Farallon natural history;
- Point Blue developed the California Current Seabird Conservation Plan, which makes recommendations to conserve seabirds on the Pacific Coast and serves as a catalyst to involve other entities and the public;
- Water quality information, including a radioactivity assessment from the Fukushima Nuclear Power Plant event, are collected from SEFI, sent to Scripps Institute of

Oceanography, and posted on their website as part of a regional monitoring system.

These data are available online at http://shorestation.ucsd.edu/active/index_active.html;

- Weather data is taken three times daily and sent to the National Weather Service and used in marine and coastal weather tracking and forecasting (see <http://www.weather.gov/oh/hads/>);
- Violations of the California Fish and Wildlife Code are documented and reported to state enforcement personnel;
- Current weather and sea conditions are communicated to fishermen and other boaters planning boat trips offshore, enhancing public boater safety;
- U.S. Coast Guard (USCG) maintains an automated lighthouse on Southeast Farallon Island. Point Blue reports malfunctions, troubleshoots, and repairs the navigational light when possible, contributing to general maritime safety. Vessels in distress are reported to the USCG Search and Rescue office;
- Observations of oiled wildlife are reported to Oil Spill Prevention and Response division of California Department of Fish and Wildlife. This has resulted in the apprehension of parties responsible for oil spills and successful recovery of costs associated with restoring damaged public resources;
- Point Blue shares Farallon data and information with National Marine Fisheries Service, Gulf of the Farallones and Cordell Bank National Marine Sanctuaries, universities and other institutions involved in collecting information, developing policies, and implementing actions to understand and conserve marine resources;
- Point Blue shares information from its Farallones research with the U.S. Integrated Ocean Observing System including the Pacific Coast Ocean Observing System and Central California Ocean Observing System.
- Point Blue has provided information for public processes aimed at the establishment of Marine Protected Areas and fishing regulations in California;
- Point Blue prepared a proposal resulting in the Farallon Islands being designated a Globally Important Bird Area by the American Bird Conservancy (national organization);
- Point Blue personnel communicate by marine radio with natural history boat tours around the Farallon Islands, greatly enhancing the public's understanding of the area's ecosystem;
- Point Blue internships provide educational benefits, training, and job experience for recent graduates of university biology programs. Former Point Blue interns have moved on to positions in universities, conservation agencies, non-profits and other institutions.

III. SPECIFIC OBLIGATIONS OF EACH PARTY:

Point Blue Conservation Science will:

Furnish the necessary personnel, equipment and facilities and otherwise perform all things necessary for or incident to accomplish the following:

- A. Assist in managing and promoting public awareness of the Farallon National Wildlife Refuge in compliance with the National Wildlife Refuge System Improvement Act, the Wilderness Act, the Migratory Bird Treaty Act, the Marine Mammal Protection Act, the Endangered

Species Act and other related regulations.

- B. Assist in monitoring seabird and marine mammal population sizes and breeding production, and provide the Refuge Manager with the reports outlined in Section IV, below.
- C. Assist in monitoring other aspects of the Farallon ecosystem including but not limited to birds, mammals, salamanders, insects, other wildlife and plants and provide the Refuge Manager with a comprehensive report outlined in Section IV, below.
- D. Work cooperatively with the Service in providing routine sea going transportation (“Farallon Patrol”) for the movement of Point Blue personnel and when feasible other authorized persons, necessary provisions and equipment.
- E. Assist with providing protective services for Refuge lands and wildlife to the maximum extent possible, with prompt notification to the Service of any wildlife disturbance or infringement of regulations.
- F. Assist the Service with development or review of reports, proposals, plans, environmental compliance documents, or other documents pertaining to the Refuge that are within the scope of Point Blue’s expertise.
- G. Refer all requests and inquiries received by Point Blue concerning access to the Refuge to the Refuge Manager, who will consider them on a case-by-case basis. Farallon National Wildlife Refuge is closed to the public; visitors (other than Service and Point Blue personnel) must obtain a permit issued by the Refuge Manager. Visitors under the direct supervision of Point Blue (e.g., Farallon Patrol crew) do not require permits, however their visitation is restricted to daytime only.
- H. Support the operation and maintenance of the Refuge by operating, maintaining and improving the facilities. Inspections and preventative maintenance will be performed in accordance with procedures outlined in the Farallon Operations Handbook and Monthly Maintenance Checklist. Notify the Refuge immediately of any equipment malfunctions, and of any loss or damage to facilities or equipment made available under this Agreement.
- I. Keep quarters and assigned equipment clean, organized, and in good working condition. Abide by and implement Service Safety, Fire, and Spill Prevention Plans, which shall be jointly reviewed and updated by the Refuge Manager and Point Blue yearly.
- J. Point Blue employees and volunteers, sufficient to accomplish the items outlined in this agreement, will be allowed access to Southeast Farallon Island 365 days each year. No more than eight (8) non-Service personnel shall remain on Southeast Farallon Island overnight without approval from the Refuge Manager. These personnel must be involved in carrying out biological studies or other obligations outlined in this Agreement. In addition, up to six (6) other persons may visit the island during daylight hours only, provided that they are carrying out work outlined in the Agreement or are otherwise important to island operations. They must remain under the strict supervision of Point Blue and/or Service personnel, as

appropriate.

- K. Should it become necessary for all Point Blue staff to vacate the island at any time, prior notification of the Refuge Manager shall be made as soon as possible. If the island will be vacated overnight, the U.S. Coast Guard will also be notified.
- L. Furnish monthly phone line/internet communications services that interface with Service-provided communications hardware.
- M. Provide information and expert opinion to the Service for refuge management purposes as requested within a reasonable amount of time that would not incur additional costs.
- N. Participate in the Refuge Safety Committee, including periodic meetings and obtain all required safety trainings.
- O. Meet periodically with Service personnel to assess progress and to promote exchange of information to assure coordination of this cooperative effort.

The Service will:

- A. Take all responsibility for managing the Farallon National Wildlife Refuge, including issuing Special Use Permits, taking the lead for habitat restoration efforts, and making decisions with regards to resource allocations.
- B. Provide biologists and maintenance personnel, on an as available basis, necessary to maintain Service facilities and equipment, conduct habitat management activities, conduct biological activities, and other administrative duties.
- C. Meet periodically with Point Blue to provide technical assistance and review progress related to the cooperative effort.
- D. Provide basic equipment, including major kitchen appliances, washer, water supply and filter system, and materials and equipment necessary to maintain the Service facilities on Southeast Farallon Island.
- E. Provide an electrical system necessary for power to the Service facilities, water supply pump, workshop and boat hoist, including all parts, overhauls, oil, fuel, wires, circuit breakers required to maintain the electrical system. This will consist of a photo-voltaic (primary) with diesel generator (backup) for residence and workshop, and a separate diesel generator(s) to power boat hoist and water pump.
- G. Provide 2 boats with outboard motors (one each for North and East Landing) for use in accomplishing tasks specified in this Agreement, including logistic support for bringing personnel and materials to and from SEFI. Also provide crane and winch system at each landing to safely convey the boat, personnel and materials to and from the ocean and island.

- H. Provide radio and satellite communication system hardware to ensure adequate communications for health and safety of personnel on the island.

IV. REPORTING REQUIREMENTS:

Point Blue will provide the reports outlined below. Point Blue will also submit FWS Volunteer Services Agreements for all interns and volunteers. A completed Violation Report Form will be submitted for each boating, aircraft, and trespass violation.

- A. Monthly Report that includes updates on populations, breeding status for 13 nesting species of seabirds, 5 species of pinnipeds, other breeding birds, and any endangered/threatened species recorded on the South Farallon Islands. For pinnipeds, average and peak monthly adult and pup counts will be included. The monthly reports will also contain information on staffing, visitors, dates and numbers of visitors to the Wilderness Area, weather, bird, marine mammal, salamander or cricket activity of interest, habitat restoration activities, violations, sightseeing boat activity, maintenance, fuel and water usage, and other noteworthy wildlife or human occurrences on or around the Refuge. The April report will contain an estimate of water collection.
- B. Annual Seabird Report (due December 15 each year) that includes the following information for all seabird breeding species: 1) breeding population estimate (including maps of survey results and correction factor calculations); 2) breeding success (described as average number of chicks/breeding pair, combining first and second attempts; include sample size); 3) other components of breeding success (i.e., average clutch size, brood size, hatching success and fledgling success); 4) dates of last chicks fledged; 5) numbers of chicks and adults banded; and 6) interpretation of results and management recommendations. For species where estimates of population size or breeding size monitoring is problematic (i.e., ash and Leach's storm-petrels, double-crested cormorant, Cassin's and rhinoceros auklets, and tufted puffin), other information such as numbers banded, capture/recapture data, box occupancy rates, index plot data, number of active sites, etc. will be included as appropriate. For common murre and Brandt's cormorants, the report will provide information from each sample plot.
- C. Annual Pinniped Report (includes April to March, due the following May 1 each year). This report will include northern elephant seals, northern fur seals, Steller sea lions, California sea lions, harbor seals. The elephant seal section will include breeding activity and provide data on total breeding population size and breeding success. Numbers of breeding females, pups and weaners produced, and pup mortality will be reported for SEFI colonies, and as access/observation conditions allow, for West End colonies. Methods, interpretation of results, management information, and information on West End monitoring (e.g. dates and number of trips and number of animals disturbed) will also be included. Sections for all other species will include breeding activity, timing of breeding, graph of annual population cycle (average and variance), peak number of pups, and discussion of trends relative to historical data.

- D. Annual Ecosystem Report (due August 15 each year). This report will include but is not limited to landbirds (migrants and owls), white sharks (predation events), salamanders (population index), insects (including cricket population index), and summaries on other wildlife and plant monitoring.

All reports shall be submitted to:

Gerry McChesney, Manager
Farallon National Wildlife Refuge
1 Marshlands Road
Fremont, CA 94555
510-792-0222, x222
gerry_mcchesney@fws.gov

ATTACHMENT 3**Scope of work and budget for Cosco Busan Auklet box restoration on Southeast Farallon Island**

To provide the background for the development of new, permanent seabird nesting habitat on the Farallon National Wildlife Refuge, Point Blue Conservation Science will lead in the design phase of development of auklet nesting boxes.

To develop temperature constraints for new nest box designs, Point Blue will write a report summarizing five years of data from temperature loggers in existing Cassin's Auklet nesting boxes. The report will compare mean and maximum temperatures between unshaded boxes, shaded boxes, and natural auklet sites, compared to local control sensors. Recommendations of temperature goals for newly designed sites will be made.

In addition, Point Blue will begin researching prototype designs for testing in the field with Cassin's Auklets. We will contact other researchers working in this field to inform the design of prototypes. We will research material and select choices most appropriate for the Farallon system, which meet research, habitat, and temperature regulation goals. After initial development of 2-3 different prototype boxes, we will construct and deploy ~10-20 nest boxes of each prototype design in fall 2014 for more wide scale testing – assessing temperatures and use and breeding success by auklets in summer 2015.

Deliverables and Timelines

Temperature logger Report and initial prototype background research– March 30, 2014

Development of prototypes – July 30, 2014

Installation of new prototypes for testing – October 30, 2014

Budget

Design Phase = Temperature Logger Report and Prototype planning, consultation with partners, research, and design

Trial Implementation = Prototypes development (materials, staff time for construction, and installation of test units) – from implementation budget



Point Blue Conservation Science (*formerly PRBO*)
 3820 Cypress Drive Suite 11
 Petaluma, CA 94954
 707.781.2555 pointblue.org

Conservation Science for a healthy planet.

Design Phase				
Name		Time needed (months)	Monthly Salary	TOTAL (w/benefits)
BRADLEY, Russ	Farallon Program Manager	0.5	\$ 5,814	\$ 4,148
JAHNCKE, Jaime	California Current Director	0.05	\$ 7,776	\$ 555
WARZYBOK, Pete	Farallon Biologist	0.75	\$ 4,410	\$ 4,720
	Design Phase Subtotal			\$ 9,423
	Design Phase Indirect costs			\$ 3,157
	DESIGN PHASE TOTAL			\$ 12,580
Trial Implementation				
BRADLEY, Russ	Farallon Program Manager	0.1	\$ 5,814	\$ 830
WARZYBOK, Pete	Farallon Biologist	0.5	\$ 4,410	\$ 3,147
	Equipment costs			\$ 2,500
	Trial Implementation Subtotal			\$ 6,476
	Trial Implementation Indirect costs			\$ 2,170
	TRIAL IMPLEMENTATION TOTAL			\$ 8,646
	GRAND TOTAL			\$ 21,225



United States Department of the Interior

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



SEP 23 2015

In Reply Refer To:
FWS/F14AC00237 Mod 1

Point Reyes Bird Observatory
dba Point Blue Conservation Science
Ellie Cohen, President and CEO
3820 Cypress Drive, #11
Petaluma, CA. 94954
DUNS: 119744100

Subject: Notice of Cooperative Agreement Award F14AC00237
Modification Number 1

Dear Ms. Cohen:

Your organization's application for Federal financial assistance titled "Protect, conserve and monitor the Farallon Islands ecosystem" submitted to the U.S. Fish and Wildlife Service (Service)'s CFDA Program 15.608 is approved. This award is made under the authority of: Fish and Wildlife Act of 1956, as amended, (16 U.S.C. 742a-742j). For a complete list of this program's authorizing legislation, go to <https://www.cfda.gov/> and search by the CFDA Program number. This award is made based on Service approval of your organization's proposal signed on July 17, 2015, hereby incorporated by reference into this award.

This modification is to provide FY 15 funding for project segment 2 of this stewardship agreement with Point Reyes Bird Observatory doing business as Point Blue Conservation Science (Point Blue) at the U.S. Fish and Wildlife Service (Service), Farallon National Wildlife Refuge (Refuge). The objective is to protect, conserve and monitor the Farallon Islands ecosystem including but not limited to birds, mammals, salamanders, insects, other wildlife and plants.

Type of Agreement:

- ☐ Grant Agreement
- ☒ Cooperative Agreement
- ☐ Fire Agreement
- ☐ Challenge Cost Share
- ☐ CESU Master Agmt # _____
- ☐ NRDA

Program:

- ☐ Fisheries Program
- ☒ Refuges Program
- ☐ Ecological Services Program
- ☐ Science Applications
- ☐ Migratory Birds
- ☐ National Wetlands Inventory

Type of Organization:

<input type="checkbox"/> State Government	<input type="checkbox"/> Local Government
<input type="checkbox"/> Tribal	<input checked="" type="checkbox"/> Non-Profit Organization
<input type="checkbox"/> Higher Education Inst.	<input type="checkbox"/> For Profit Organization
	<input type="checkbox"/> Private Individual

SAM Registration expires: June 21, 2016**Performance Period:**

The performance period of this award is April 1, 2014 through March 31, 2019. This is the period of Federal sponsorship. This project may be funded incrementally over time.

The funding period for the second segment of this project is September 3, 2015 through March 31, 2016. The total amount of Service funding available for the first segment of this project is \$189,830. Only allowable costs resulting from obligations incurred during this funding period and any pre-authorized pre-award costs may be charged to this award.

The Service may revise this award over time to add new funding for each subsequent project segment. Each project segment will be assigned a specific funding period, during which only allowable costs resulting from obligations incurred during the specified funding period may be charged to this award. All obligations incurred during a funding period must be liquidated no later than 90 calendar days after the funding period end date. You must submit a written request to the Service Project Officer before the end of the stated period if you need more time to liquidate all obligations.

The Service's obligation to provide incremental funding up to the total anticipated award amount is contingent on: 1) satisfactory Recipient performance and 2) the availability of funds. No legal liability on the part of the Service exists unless and until the Service obligates funds and notifies the Recipient in writing that funds are available for the purposes of this award.

Funding:

This award is funded as follows:

	<u>Service</u>	<u>Recipient</u>
This obligation:	\$189.83000	\$305,260.00
Previous obligations:	\$173.85500	\$305,260.00
Award Total:	\$363.68500	\$610,520.00

Indirect Costs: Indirect costs under this award are approved, per the Negotiated Indirect Cost Agreement submitted to the FWS Field Station, as part of the agreement package. The established rate of 35.11% is approved through 03/31/2015 or until the agreement expires or is terminated. If the NICRA expires while the agreement is effect, the recipient will be required to submit a new proposal in order to continue to charge indirect costs.

System for Award Management (SAM) Registration: Under the terms and conditions of this award, your organization must maintain an active SAM registration at <https://www.sam.gov/portal/public/SAM/> until the final financial report is submitted or final payment is received, whichever is later. If your organization's SAM registration expires during the required period, the Service will suspend payment

under this and all other Service awards to your organization until you update your organization's SAM registration.

Conflict of Interest Disclosures:

Recipients are responsible for notifying the Service Project Officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter which might place the Recipient, the Recipient's employees, or the Recipient's subrecipients in a position of conflict, real or apparent, between their responsibilities under this award and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationships, positions of trust in outside organizations, consideration of future employment arrangements with a different organization, or decision-making affecting the award that would cause a reasonable person with knowledge of the relevant facts to question the impartiality of the Recipient, the Recipient's employees, or the Recipient's subrecipients in the matter. Upon receipt of such a notice, the Service Project Officer in consultation with their Ethics Counselor will determine if a conflict of interest exists and, if so, if there are any possible actions to be taken by the Recipient, the Recipient's employee(s), or the Recipient's subrecipient(s) that could reduce or resolve the conflict. Failure to resolve conflicts of interest in a manner that satisfies the Service may result in any of the remedies described in 2 CFR 200.338, Remedies for Noncompliance, including termination of this award.

Other Mandatory Disclosures:

Recipients and their subrecipients must disclose, in a timely manner, in writing to the Service or pass-through entity all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting this award. Failure to make required disclosures can result in any of the remedies described in 2 CFR 200.338, Remedies for noncompliance, including suspension or debarment (See 2 CFR 200.113, 2 CFR Part 180, and 31 U.S.C. 3321).

Project/Program Plan and Budget Revisions:

Recipients are required to report deviations from budget or project scope or objective, and request prior approvals for budget and program plan revisions in accordance with 2 CFR 200.308 unless otherwise specifically waived in this award.

Period of Performance Extensions:

If additional time is needed to complete the approved project, you must send written notice to the Service Project Officer. This notice must be received by the Service Project Officer at least 10 calendar days before the authorized performance period end date, and must include supporting reasons and revised end date. Extensions for time cannot be authorized for the purpose of spending an unused balance of funds that remains after the approved project activities have been completed.

Project Contacts:

The Service Project Officer for this award is:	The Recipient Project Officer for this award is:
Anne Morkill San Francisco Bay NWRC 1 Marshlands Road Fremont, California 94555 510-792-0222 x123 anne_morkill@fws.gov	Ellie Cohen President and CEO 3820 Cypress Drive, #11 Petaluma, CA 94954 707-781-2555, x 318 ecohen@pointblue.org

Please contact Gerry McChesney at (510) 792-0222 x 222 or gerry_mcchesney@fws.gov, with any questions. Please include the Service award number provided in the subject line of this letter in all written communications.

All other terms and conditions remain unchanged.

Sincerely,



Curt McCasland
Refuge Supervisor



Date

Attachments:

Budget

Scope of Work

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 49-3-0005
Expiration Date: 06/30/2014

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		Total (g)
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	
1. <i>Parallon Ecosystem Monitoring and Reserve Stewardship</i>	15.608	\$	\$	\$ 152,630.00	\$ 303,260.00	\$ 455,890.00
2. <i>Salamander Power Analysis and Spatial Analysis</i>	15.608			37,200.00		37,200.00
3.						
4.						
5. Totals		\$	\$	\$ 189,830.00	\$ 303,260.00	\$ 493,090.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	Farallon Ecosystem Monitoring and Refuge Stewardship		Salmon-Power Analysis and Spatial Control		
a. Personnel	\$ 361,075.00	\$ 18,810.00	\$	\$	379,885.00
b. Fringe Benefits	72,215.00	8,746.00			80,961.00
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction					
h. Other	24,600.00				24,600.00
I. Total Direct Charges (sum of 6a-6h)	457,890.00	27,556.00			485,446.00
J. Indirect Charges		9,644.00			9,644.00
k. TOTALS (sum of 6i and 6j)	\$ 457,890.00	\$ 37,200.00	\$	\$	495,090.00
7. Program Income	\$	\$	\$	\$	\$

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. Farallon Ecosystem Monitoring and Refuge Stewardship	\$ 305,260.00	\$	\$	\$	
9. Salamander Power Analysis and Spatial Control					
10.					
11.					
12. TOTAL (sum of lines 8-11)	\$ 305,260.00	\$	\$	\$	
SECTION D - FORECASTED CASH NEEDS					
Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	
13. Federal	\$	\$	\$	\$	
14. Non-Federal	\$	\$	\$	\$	
15. TOTAL (sum of lines 13 and 14)	\$	\$	\$	\$	
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16. Farallon Ecosystem Monitoring and Refuge Stewardship	\$	\$	\$	\$	
17. Salamander Power Analysis and Spatial Control					
18.					
19.					
20. TOTAL (sum of lines 16 - 19)	\$	\$	\$	\$	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges:	22. Indirect Charges:				
23. Remarks:					

Authorized for Local Reproduction

**SCOPE OF WORK
SALAMANDER POWER ANALYSIS AND SPATIAL ANALYSIS**

Product A: Power analysis to detect changes in the abundance of juvenile and adult Farallon arboreal salamanders under cover boards

Principle Investigators: Russ Bradley, Ryan Berger, Nadav Nur, Jaime Jahncke

Contact: Russell Bradley (rbradley@pointblue.org)

Objectives:

- To determine whether current monitoring of juvenile and adult salamanders provides sufficient statistical power to demonstrate change in abundance in 5 year increments over 20 years.
- To determine if the addition of small cover boards increased our power to detect changes in juvenile salamander abundance, to inform assessments in the event of mouse eradication.
- To determine the number of years required to detect an ecologically significant change in the abundance of juvenile and adult salamanders.

Background/Justification for study:

A study on the Farallon arboreal salamander (*Aneides lugubris farallonensis*) population was initiated in 2006 to determine seasonal activity, relative abundance, population status and trends and reproductive behavior. This information was important to establish a baseline to measure potential impacts of the planned mouse eradication. Results from a power analysis conducted in 2012 using data from 2006-2011 indicated that pre-eradication data provided sufficient statistical power to detect a 40% increase in juvenile salamanders within two to three years of data collection post-eradication. Information drawn from the original study is unfortunately limited to a small portion of Southeast Farallon Island and was not representative of the island-wide population size or density, and relied on data that may be skewed towards larger individuals.

In order to gain a more complete understanding of abundance and distribution of this species, a series of extensive island-wide surveys were conducted from the Fall of 2012 to the Spring of 2015. In addition, this new study included “small” cover boards paired with the “large” cover boards in an attempt to increase our ability to detect juvenile salamanders. To meet our objectives listed above we plan on combining data collected in the initial study with that of the new study (8 years of data) and conduct a power analysis to examine differences in detection prior vs post implementation of the “small” boards. Based on simple analysis of the current data we believe that the small boards are increasing our detection of juvenile salamanders and that performing another power analysis with our current data will provide more robust results to aid in management decisions related to the proposed mouse eradication project.

In addition to conducting power analyses on juvenile Farallon arboreal salamanders, we will employ similar methods for adult salamander population. With that information, we can determine whether the current study design is adequate to detect changes in salamander population over the long-term. This measure is important because it reflects more on the overall salamander population, including long-term production and survivorship.

Budget: \$12,200

Due dates: Draft report will be due March 31, 2016. FWS staff will be given 30 working days to review the draft report. Final report will be due on June 15, 2016.

Other requirements: Recipient will meet with the Farallon Refuge Manager and FWS Inventory and Monitoring staff prior to beginning work to discuss and mutually agree on details of the analyses and final product.

Product 2: Using habitat modeling to assess the distribution and abundance of the Farallon arboreal salamanders on Southeast Farallon Island**Principle Investigators:** Russ Bradley, Ryan Berger, Julie Howar, Nadav Nur, Jaime Jahncke**Contact:** Russell Bradley (rbradley@pointblue.org)**Objectives:**

- To identify physical and biological drivers of distribution and abundance of salamanders on the Southeast Farallon Island.
- To predict salamander habitat based on robust statistical models including the main physical and biological drivers of salamander abundance.
- To estimate salamander abundance in high use areas based on predicted densities.

Background/Justification for study:

A study on the Farallon arboreal salamander (*Aneides lugubris farallonensis*) population was initiated in 2006 to determine seasonal activity, relative abundance, population status and trends and reproductive behavior. This information was important to establish a baseline to measure potential impacts of the planned mouse eradication. Information drawn from this study is unfortunately limited to a small portion of Southeast Farallon Island and was not representative of the island-wide population size or density. In order to gain a more complete understanding of abundance and distribution of this species, a series of extensive island-wide surveys were conducted from the Fall of 2012 to the Spring of 2015. Current methods of reporting salamander distribution involve reporting the number of salamanders by area based on the cover boards sampled in particular transects around the island. We will use a combination of GIS and rapid assessments to characterize potential physical drivers including slope, aspect, substrate and distance to cover areas. In addition, we have detailed information on biological drivers including type and abundance of vegetation in areas where salamanders have been sampled. Vegetation may be a form of cover for salamanders and the prey they depend on. We will use this information to identify physical and biological drivers of distribution and abundance of salamanders on the Southeast Farallon Island. Specifically, we plan to use Generalized Linear Modeling (GLM), particularly Negative Binomial Regression, to develop predictive models of salamander counts based on the main physical and biological drivers controlling for inter-annual differences in environmental conditions that may have affected our sampling scheme. Having more insight into salamander distribution and abundances around the island will allow estimating minimum and maximum (\pm confidence interval) population sizes on Southeast Farallon Island.

Budget: \$25,000**Due dates:** Draft report will be due on June 30, 2016. FWS staff will be given 45 working days to review the draft report. Final report will be due on September 30, 2016.**Other requirements:** Recipient will meet with the Farallon Refuge Manager and FWS Inventory and Monitoring staff prior to beginning work to discuss and mutually agree on details of the analyses and final product.



United States Department of the Interior



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

In Reply Refer To:
FWS/F14AC00237 Modification 2

Point Reyes Bird Observatory
dba Point Blue Conservation Science
Ellie Cohen, President and CEO
3820 Cypress Drive, #11
Petaluma, CA. 94954
DUNS: 119744100

Subject: Notice of Cooperative Agreement Award F14AC00237
Modification Number: 2

Dear Ms. Cohen:

Your organization's request for a modification to Federal financial assistance award titled "Protect, conserve and monitor the Farallon Islands ecosystem" submitted to the U.S. Fish and Wildlife Service's (USFWS) CFDA Program 15.608 is approved. This award is made under the authority of the Fish and Wildlife Act of 1956, as amended, 16 U.S.C. 742a-742j. For a complete list of this program's authorizing legislation, go to <https://www.cfda.gov/> and search by the CFDA Program number. This award is made based on Service approval of your organization's proposal signed on June 22, 2016, hereby incorporated by reference into this award.

This modification is to provide FY16 funding for project segment 3 of this stewardship agreement with Point Reyes Bird Observatory doing business as Point Blue Conservation Science (Point Blue) at the U.S. Fish and Wildlife Service (Service), Farallon National Wildlife Refuge (Refuge). The objective is to protect, conserve and monitor the Farallon Islands ecosystem including but not limited to birds, mammals, salamanders, insects, other wildlife and plants.

Type of Agreement:

☐ Grant Agreement
☒ Cooperative Agreement
☐ Fire Agreement
☐ Challenge Cost Share
☐ CESU Master Agmt # _____
☐ NRDA

Program:

☐ Fisheries Program
☒ Refuges Program
☐ Ecological Services Program
☐ Science Applications
☐ Migratory Birds
☐ National Wetlands Inventory

Type of Organization:

☐ State Government
☐ Tribal
☒ Higher Education Inst.

☐ Local Government
☐ Non-Profit Organization
☐ For Profit Organization
☐ Private Individual

SAM Registration expires: March 23, 2017

Period of Performance

The project period of this award is April 1, 2014 through March 31, 2019. This is the period of Federal sponsorship. This project will be funded incrementally. Based on availability of funds, the Service will provide funds to the University annually, or more often if necessary, to accomplish and enhance the public benefits incorporated in this agreement. Tasks may include assisting USFWS to conduct seabird monitoring, aerial photographic survey of seabird colonies, report or manuscript preparation and other tasks. For each increment of funding, the University will need to submit a Scope of Work and the most current versions of the following federal forms: 1) SF424 Application for Federal Assistance; and 2) SF424A Budget (Non-construction programs).

The funding period for this segment of this project is August 29, 2016 through March 31, 2019. The total amount of USFWS funding available for this segment of this project is \$227,680.00. Only allowable costs resulting from obligations incurred during this funding period and any authorized pre-award costs that are approved may be charged to this award.

The Service will revise this award over time to add new funding for each subsequent project segment. Each project segment will be assigned a specific funding period, during which only allowable costs resulting from obligations incurred during the specified funding period may be charged to this award.

All obligations incurred under the award must be liquidated no later than 90 calendar days after the end of the performance period, unless the Service approves a final financial reporting period extension (see Reporting Requirements section below). If you need more time to complete project activities, you must submit a written request to the Service Project Officer identified in the Project Contacts section below 30 days before the end of the stated performance period (see Project/Program Plan and Budget Revisions section below).

The Service's obligation to provide incremental funding up to the total anticipated award amount is contingent on: 1) satisfactory Recipient performance and 2) the availability of funds. No legal liability on the part of the Service exists unless and until the Service obligates funds and notifies the Recipient in writing that funds are available for the purposes of this award.

Funding:

This award is funded as follows:

	<u>USFWS</u>	<u>Recipient</u>
This obligation:	\$227,680.00	\$305,260.00
Previous obligation:	\$363,685.00	\$610,520.00
Cumulative Total:	\$591,365.00	\$915,780.00

System for Award Management (SAM) Registration: Under the terms and conditions of this award, your organization must maintain an active SAM registration at <https://www.sam.gov/portal/public/SAM/> until the final financial report is submitted or final payment is received, whichever is later. If your organization's SAM registration expires during the required period, the Service will suspend payment under this and all other Service awards to your organization until you update your organization's SAM registration.

Reporting Requirements:

Financial and Performance Reporting Requirements:

Annual interim financial and performance reports and final financial and performance reports are required under this award. The report periods and due dates under this award are:

Report:	Report Period:	Report Due Date:
<u>Interim</u> financial & performance report	April 1, 2014-March 31, 2015	June 29, 2015
<u>Interim</u> financial & performance report	April 1, 2015-March 31, 2016	June 29, 2016
<u>Interim</u> financial & performance report	April 1, 2015-March 31, 2017	June 29, 2017
<u>Interim</u> financial & performance report	April 1, 2017-March 31, 2018	June 29, 2018
<u>Final</u> financial & performance report	April 1, 2018-March 31, 2019	June 29, 2019

Recipients must use the Standard Form (SF) 425, *Federal Financial Report* form for all financial reporting. This form is available at http://www.whitehouse.gov/omb/grants_forms/.

Performance reports must contain: 1) a comparison of actual accomplishments with the goals and objectives of the award as detailed in the approved scope of work; 2) a description of reasons why established goals were not met, if appropriate; and 3) any other pertinent information relevant to the project results. Please include the Service award number provided in the subject line of this letter on all reports.

Financial and performance reporting due dates may be extended by the Service upon receipt of a written request addressed to the Service Project Officer identifying the type of report to be extended, the requested revised due date, and a justification for the extension. The Service Project Officer may approve an additional extension if justified by a catastrophe that significantly impairs the recipient's operations. Requests for reporting due date extensions must be received by the Service Project Officer no later than one day before the original reporting due date.

Significant Developments Reports (see 2 CFR 200.328(d)):

Events may occur between the scheduled performance reporting dates that have significant impact upon the supported activity. In such cases, notify the Service Project Officer in writing as soon as the following types of conditions become known:

- Problems, delays, or adverse conditions that will materially impair the ability to meet the objective of the Federal award. This disclosure must include a statement of any corrective

action(s) taken or contemplated, and any assistance needed to resolve the situation.

- Favorable developments that enable meeting time schedules and objectives sooner or at less cost than anticipated or producing more or different beneficial results than originally planned.

Conflict of Interest Disclosures:

Recipients are responsible for notifying the Service Project Officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter which might place the Recipient, the Recipient's employees, or the Recipient's subrecipients in a position of conflict, real or apparent, between their responsibilities under this award and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationships, positions of trust in outside organizations, consideration of future employment arrangements with a different organization, or decision-making affecting the award that would cause a reasonable person with knowledge of the relevant facts to question the impartiality of the Recipient, the Recipient's employees, or the Recipient's subrecipients in the matter. Upon receipt of such a notice, the Service Project Officer in consultation with their Ethics Counselor will determine if a conflict of interest exists and, if so, if there are any possible actions to be taken by the Recipient, the Recipient's employee(s), or the Recipient's subrecipient(s) that could reduce or resolve the conflict. Failure to resolve conflicts of interest in a manner that satisfies the Service may result in any of the remedies described in 2 CFR 200.338, Remedies for Noncompliance, including termination of this award.

Other Mandatory Disclosures:

Recipients and their subrecipients must disclose, in a timely manner, in writing to the Service or pass-through entity all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting this award. Non-Federal entities that have received a Federal award including the term and condition outlined in 2 CFR 200, Appendix XII—Award Term and Condition for Recipient Integrity and Performance Matters are required to report certain civil, criminal, or administrative proceedings to SAM. Failure to make required disclosures can result in any of the remedies described in 2 CFR 200.338, Remedies for noncompliance, including suspension or debarment (See 2 CFR 200.113, 2 CFR Part 180, 31 U.S.C. 3321, and 41 U.S.C. 2313).

Other Reports or Deliverables:

Required annual reports were described in the original agreement. Additional reports for Segment 3 of this project have been described in attached Scopes of Work (Attachments 1 through 4). All reports must be sent to the Farallon National Wildlife Refuge Manager.

Project/Program Plan and Budget Revisions:

Recipients are required to report deviations from budget or project scope or objective, and request prior approvals for budget and program plan revisions in accordance with 2 CFR 200.308 unless otherwise specifically waived in this award.

Project Contacts:

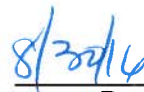
The Service Project Officer for this award is:	The Recipient Project Officer for this award is:
Anne Morkill Refuge Complex Manager San Francisco Bay NWRC 1 Marshlands Road Fremont, CA 94555 510-792-0222, ext. 123 anne_morkill@fws.gov	Ellie Cohen President and CEO 3820 Cypress Drive, #11 Petaluma, CA 94954 707-781-2555, x 318 ecohen@pointblue.org

Please contact Gerry McChesney, Farallon National Wildlife Refuge Manager, at (510) 792-0222 ext. 222 with any questions. Please include the USFWS award number provided in the subject line of this letter in all written communications:

Sincerely,



Polly Wheeler, PhD.
Assistant Regional Director
National Wildlife Refuge System



Date

Attachments:

- 1 - Budget – Ecosystem Monitoring and Refuge Stewardship
- 2 - Scope of Work and Budget – Auklet Box Project
- 3 – Scope of Work and Budget – NRDAR Restoration Catalyst Project
- 4 – Scope of Work and Budget – NFWF North Pacific Seabirds Project
- 5 - SF424A Budget
- 6- Terms and Conditions

PROJECT BUDGET
Point Reyes Bird Observatory
Farallon National Wildlife Refuge
Ecosystem Monitoring and Refuge Stewardship
April 1, 2016 to March 31, 2017

Federal Share:

Salary, Biologist, GS-11 Step 1 equivalent (12 months)	\$ 68,643.00
Salary, Biologist, GS-7 Step 1 equivalent (12 months)	\$ 46,382.00
Benefits (20% of salaries)	\$ 23,005.00
Per diem (\$20/day x 2 persons x 365 days)	\$ 14,600.00
Total	\$ 152,630.00

Scope of Work and Budget
Cosco Busan Auklet Box Restoration on Southeast Farallon Island
Point Blue Conservation Science

In 2014, Point Blue Conservation Science began designing and conducting trials on prototype new artificial nest structures for Cassin's and Rhinoceros Auklets. This project is being conducted to develop new nest structures for the auklets that will keep internal temperatures near natural burrow and crevice nest sites while being long lasting, cost effective, and permit for easy and low disturbance monitoring. In 2014-15, Pt. Blue biologists began investigating potential materials and building prototype nest structures while completing a study comparing air temperatures between natural nest sites, wooden artificial nest boxes (uncovered boxes), and wooden artificial nest boxes covered with shading to reduce solar penetration into the box (covered boxes). That study found that temperatures differed between the three study groups, with temperatures progressively warmer between uncovered boxes, covered boxes, and natural nest sites, respectively.

For artificial nest structure prototype development, Point Blue worked in close collaboration with Oikonos Ecosystem Knowledge, along with master ceramicist Nathan Lynch from More Lab and the California College of the Arts, to design test units using ceramic materials. After extensive research and development, we devised two prototype designs to test: a shielded ceramic nest box which approximated conventional designs, and a dome structure with a central ceramic tube and ventilation holes to help alleviate heat, along with an external ceramic dome shielding which rotates around the unit. Temperature testing and installation of concrete boxes was initiated in April 2015 and in ceramic test designs in October 2015.

Over the next year, Point Blue will assess temperature values in new prototype units, and analyze them relative to area specific controls and reference conventional nest boxes. They will evaluate prototype temperatures relative to previously established relationships. Also, they will complete a draft manuscript on our temperature logger studies and habitat evaluations.

Deliverables and Timelines

Assessment of prototypes (including temperature data): September 30, 2017

Temperature logger manuscript: January 31, 2018

Project Budget:

The budget includes funds for Oikonos Ecosystem Knowledge for assistance with research and development of test modules, salaries and benefits for Point Blue biologists for field work and manuscript preparation, and indirect expenses.

Oikonos R and D and test modules			\$5,500
2 weeks Warzybok, 1 week Bradley			\$3,840
Benefits Warzybok and Bradley			\$1,785
Subtotal			\$11,125
Indirect Expenses (35%)			\$3,893.75
Total			\$15,019

Scope of Work
Restoration Catalyst Fund Project: Farallon NEPA
Point Blue Conservation Science

As part of its cooperative agreement with the U.S. Fish and Wildlife Service – Farallon National Wildlife Refuge (Refuge), Point Blue Conservation Science (Point Blue) has been assisting the Refuge with National Environmental Policy Act (NEPA) compliance, including preparation of an Environmental Impact Statement (EIS), for a proposed house mouse eradication project. Point Blue’s assistance has included conducting or assisting with collection of baseline data on Farallon wildlife and conducting studies related to assessing the efficacy or potential impacts of potential eradication techniques.

One of the most crucial analyses of potential impacts to the Farallons Islands concerns the effectiveness of the western gull hazing program. The USFWS received several comments on the Draft EIS about the uncertainty surrounding the potential adverse impacts of western gulls being exposed secondarily to anticoagulant rodenticide bait. To address this uncertainty, Point Blue Conservation Science, Island Conservation, and USFWS completed a hazing trial in November and December 2012 to evaluate the effectiveness of a combination of non-lethal wildlife hazing techniques including biosonics, pyrotechnics, lasers, a helicopter, reflective objects and effigies, for temporarily reducing western gull numbers at the South Farallon Islands, and therefore reducing gull exposure to rodenticide. They examined the relative effectiveness of these tools for dissuading gulls as well as the impact of these treatments on pinnipeds and other non-target bird species present on the islands. The hazing trial successfully demonstrated the feasibility of keeping gulls off the islands for an extended period of time (in this case a 12-day interval) while having relatively minor impacts on other species, namely other seabird species and pinnipeds. Hazing efforts were 98% effective at keeping gulls off the island and away from areas that would be baited during an eradication effort.

As part of the Avian Risk Assessment for South Farallon Islands that was completed as a component of the Draft EIS, the western gull risk model determined that a hazing success of 90% or higher was necessary to avoid rodenticide having a population level impact as defined by a previously completed gull population viability analysis (see Appendix F – Western Gull Risk Assessment (December 10, 2012) from the Draft EIS for additional information). Point Blue is currently in the process of completing a manuscript for publication in Journal of Wildlife Management; however, funding support is needed to complete the final manuscript and submit it for publication. There are three other key eradication-related products (described below) that are essential to the restoration planning process and require additional funds so that they can be completed.

For the Restoration Catalyst Fund project, Point Blue will complete the following baseline studies for the Farallon mouse eradication project NEPA analyses:

1. Complete a manuscript reporting on the promising findings from the western gull hazing trials on Southeast Farallon Island (due April 30, 2016);
2. Complete a manuscript on a recent burrowing owl diet study (due April 30, 2016);

3. Complete updated ashy storm-petrel population modeling (due April 30, 2016);
4. Complete the western gull population viability analysis based on potential impacts from rodenticide exposure (due April 30, 2016); and
5. Continue to assist the Refuge with the NEPA process including review of potential alternatives, preparation and review of draft versions of the final EIS.

Project Budget:

Point Blue Conservation Science	
<i>Salaries and Benefits</i>	
Staff salaries - Project manager and support staff	\$18,500.00
Staff benefits (46.5%)	\$8,603.00
<i>Travel</i>	
Travel to local partner meetings	\$550.00
<i>Publication Fees</i>	
Fees for publishing four manuscripts to support EIS	\$2,000.00
Total Direct Costs	\$29,653.00
Indirect Costs (@35%)	\$10,378.00
Total	\$40,031.00

Scope of Work
North Pacific Seabirds Project: Farallon NEPA
Point Blue Conservation Science

As part of its cooperative agreement with the U.S. Fish and Wildlife Service – Farallon National Wildlife Refuge (Refuge), Point Blue Conservation Science (Point Blue) has been assisting the Refuge with National Environmental Policy Act (NEPA) compliance, including preparation of an Environmental Impact Statement (EIS) for a proposed house mouse eradication project. Point Blue's assistance has included collating and providing scientific data on Farallon Islands' natural resources from their extensive work, collating other useful information, providing technical expertise, reviewing and editing documents, conducting or assisting with collection of baseline data on Farallon wildlife, and conducting studies related to assessing the efficacy or potential impacts of potential eradication techniques.

In order for Point Blue staff to continue to provide the Service with needed assistance on the Farallon mouse eradication NEPA process, funding of \$20,000 is provided by the Service through funds provided by the National Fish and Wildlife Foundation's North Pacific Seabirds initiative. The budget includes salary for the Farallon Program Manager (about 1 month) and Marine Ecology Director (about 0.5 months) and travel (e.g., mileage) to attend meetings.

Project Budget: \$20,000

BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Farallon Ecosystem Monitoring and Refuge Stewardship	15.608	\$	\$	152,630.00	305,260.00	457,890.00
2. Cosco Busan Auklet Nest Box Project	15.608			15,019.00		15,019.00
3. NRDAR Restoration Catalyst - NEPA assistance	15.608			40,031.00		40,031.00
4. NFWF North Pacific Seabirds	15.608			20,000.00		20,000.00
5. Totals		\$	\$	227,680.00	305,260.00	532,940.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	Farallon Ecosystem Monitoring and Refuge Stewardship	Cosco Buan Auklet Nest Box Project	NRDAR Restoration Catalyst - NEPA assistance	NFWF North Pacific Seabirds	
a. Personnel	\$ 115,025.00	\$ 3,840.00	\$ 18,500.00	\$ 8,406.00	\$ 145,771.00
b. Fringe Benefits	23,005.00	1,785.00	8,603.00	3,909.00	37,302.00
c. Travel	14,600.00		550.00	2,500.00	17,650.00
d. Equipment					
e. Supplies		5,500.00			5,500.00
f. Contractual					
g. Construction					
h. Other			2,000.00		2,000.00
i. Total Direct Charges (sum of 6a-6h)	152,630.00	11,125.00	29,653.00	14,815.00	208,223.00
j. Indirect Charges		3,894.00	10,378.00	5,185.00	19,457.00
k. TOTALS (sum of 6i and 6j)	\$ 152,630.00	\$ 15,019.00	\$ 40,031.00	\$ 20,000.00	\$ 227,680.00
7. Program Income	\$	\$	\$	\$	\$

Authorized for Local Reproduction

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program		(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8.	Farallon Ecosystem Monitoring and Refuge Stewardship	\$ 305,260.00	\$	\$	\$ 305,260.00
9.	Cosco Busan Auklet Nest Box Project				
10.	NERDAR Restoration Catalyst - NEPA assistance				
11.	NFWF North Pacific Seabirds				
12.	TOTAL (sum of lines 8-11)	\$ 305,260.00	\$	\$	\$ 305,260.00

SECTION D - FORECASTED CASH NEEDS

		Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13.	Federal	\$	\$	\$	\$	\$
14.	Non-Federal	\$				
15.	TOTAL (sum of lines 13 and 14)	\$	\$	\$	\$	\$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program		FUTURE FUNDING PERIODS (YEARS)			
		(b) First	(c) Second	(d) Third	(e) Fourth
16.	Farallon Ecosystem Monitoring and Refuge Stewardship	\$	\$	\$	\$
17.	Cosco Busan Auklet Nest Box Project				
18.	NERDAR Restoration Catalyst - NEPA assistance				
19.	NFWF North Pacific Seabirds				
20.	TOTAL (sum of lines 16 - 19)	\$	\$	\$	\$

SECTION F - OTHER BUDGET INFORMATION

21.	Direct Charges:		22. Indirect Charges:	
23.	Remarks:			

U.S. Fish and Wildlife Service Financial Assistance Award Terms and Conditions

Acceptance of a financial assistance award (i.e., grant or cooperative agreement) from the U.S. Fish and Wildlife Service (Service), Department of the Interior (Interior) carries with it the responsibility to be aware of and comply with the terms and conditions of award. Acceptance is defined as the start of work, drawing down funds, or accepting the award via electronic means. Awards are based on the application submitted to and approved by the Service. Awards from the Service are subject to the terms and conditions incorporated into the award either by direct citation or by reference to the following: Federal regulations; program legislation or regulation; and special award terms and conditions. The terms and conditions of Service awards flow down to subrecipients and contractors, unless a particular award term or condition specifically indicates otherwise. The Federal regulations applicable to Service grant and cooperative agreement award recipients, and their subrecipients and contractors, are:

For-Profit Entities

For for-profit entities, the regulations and requirements listed under the “Administrative Requirements”, “Cost Principles”, and “Indirect Costs Identification and Assignment/Rate Determination Procedures” sections below apply only when they are specifically incorporated by reference in the Service award. The regulations and requirements listed under the “Other Requirements” section below always apply.

Administrative Requirements

[2 CFR Part 200, Subparts A through D](#)

Cost Principles

[48 CFR 1, Subpart 31.2—Contracts with Commercial Organizations](#)

Indirect Costs Identification and Assignment/Rate Determination Procedures

Contact the National Interior Business Center (IBC), Indirect Cost Services by telephone at (916) 566-7111 or by e-mail at: ics@ibc.doi.gov. Visit the IBC’s Indirect Cost Services website at <https://www.doi.gov/ibc/services/finance/indirect-cost-services> for more information.

Other Requirements

[2 CFR Part 25](#), Universal Identifier and Central Contractor Registration

[2 CFR Part 170](#), Reporting Subawards and Executive Compensation

[2 CFR Part 175](#), Award Term for Trafficking in Persons

[2 CFR Part 200, Appendix XII](#)—Award Term and Condition for Recipient Integrity and Performance Matters (Applicable to awards with a total Federal share of more than \$500,000)

[2 CFR Part 1400](#), Government-wide Debarment and Suspension (Non-procurement)

[2 CFR Part 1401](#), Requirements for Drug-Free Workplace (Financial Assistance)

[43 CFR 18](#), New Restrictions on Lobbying: Submission of an application also represents the applicant's certification of the statements in [43 CFR Part 18, Appendix A](#), Certification Regarding Lobbying.

[41 USC §4712](#), Pilot Program for Enhancement of Recipient and Subrecipient Employee Whistleblower Protection: This requirement applies to all awards issued after July 1, 2013 and shall be in effect until January 1, 2017.

- (a) This award, related subawards, and related contracts over the simplified acquisition threshold and all employees working on this award, related subawards, and related contracts over the simplified acquisition threshold are subject to the whistleblower rights and remedies in the pilot program on award recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (P.L. 112-239).
- (b) Recipients, their subrecipients, and their contractors awarded contracts over the simplified acquisition threshold related to this award, shall inform their employees in writing, in the predominant language of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.

- (c) The recipient shall insert this clause, including this paragraph (c), in all subawards and in contracts over the simplified acquisition threshold related to this award.

[41 USC §6306](#), Prohibition on Members of Congress Making Contracts with Federal Government: No member of or delegate to the United States Congress or Resident Commissioner shall be admitted to any share or part of this award, or to any benefit that may arise therefrom; this provision shall not be construed to extend to an award made to a corporation for the public's general benefit.

[Executive Order 13513](#), Federal Leadership on Reducing Text Messaging while Driving: Recipients are encouraged to adopt and enforce policies that ban text messaging while driving, including conducting initiatives of the type described in section 3(a) of the Order.

Foreign Entities

Foreign entities include foreign public entities (see definition in 2 CFR 200.46) and foreign organizations (see definition in 2 CFR 200.47). For foreign entities, the regulations and requirements listed under the "Administrative Requirements", "Cost Principles", and "Indirect Costs Identification and Assignment/Rate Determination Procedures" sections below apply only when they are specifically incorporated by reference in the Service award. The regulations and requirements listed under the "Other Requirements" section below always apply.

Administrative Requirements

Institutions of Higher Education (IHEs): [2 CFR Part 200, Subparts A through D](#), including the requirements specific to IHEs.

Non-profit organizations: [2 CFR Part 200, Subparts A through D](#), including the requirements specific to non-profit organizations.

Public entities: [2 CFR Part 200, Subparts A through D](#), including the requirements specific to states, with the following exceptions:

- The state payment procedures in 200.305(a) do not apply. Foreign public entities must follow the payment procedures in 200.305(b).
- The requirements in 200.321 "Contracting with small and minority businesses, women's business enterprises, and labor surplus area firms" do not apply.
- The requirements in 200.322 "Procurement of recovered materials" do not apply.

All other entities: [2 CFR Part 200, Subparts A through D](#)

Cost Principles

For-profit entities: [48 CFR 1, Subpart 31.2](#)

Hospitals: [45 CFR Part 75, Subpart E](#)

Public entities: [2 CFR Part 200, Subpart E](#), including the requirements specific to states.

All other entities: [2 CFR Part 200, Subpart E](#)

Indirect Costs Identification and Assignment/Rate Determination Procedures

For-profit entities: Contact the National Interior Business Center (IBC), Indirect Cost Services by telephone at (916) 566-7111 or by e-mail at: ics@ibc.doi.gov. Visit the IBC's Indirect Cost Services website at <https://www.doi.gov/ibc/services/finance/indirect-cost-services> for more information.

Hospitals: [45 CFR Part 75, Appendix IX—Principles for Determining Costs Applicable to Research and Development Under Grants and Contracts with Hospitals](#). The U.S. Department of Health and Human Services (HHS) is the cognizant agency for indirect costs for foreign hospitals. Visit HHS' Cost Allocation Services website at <https://rates.psc.gov/> for more information.

IHEs: [2 CFR 200, Appendix III—Indirect \(F&A\) Costs Identification and Assignment, and Rate Determination for IHEs](#). HHS is the cognizant agency for indirect costs for foreign IHEs. Visit HHS' Cost Allocation Services website at <https://rates.psc.gov/> for more information.

Non-profit organizations: [2 CFR 200, Appendix IV—Indirect \(F&A\) Costs Identification and Assignment, and Rate Determination for Nonprofit Organizations](#).

Public entities: [2 CFR 200, Appendix VII—States and Local Government and Indian Tribe Indirect Cost Proposals](#).

Other Requirements

[2 CFR Part 25](#), Universal Identifier and Central Contractor Registration

[2 CFR Part 170](#), Reporting Subawards and Executive Compensation

[2 CFR Part 175](#), Award Term for Trafficking in Persons (Term is applicable to private entity subrecipients of foreign public entities)

[2 CFR Part 200, Appendix XII](#)—Award Term and Condition for Recipient Integrity and Performance Matters (Term is applicable to awards with a total Federal share of more than \$500,000, except awards to foreign public entities as defined in 2 CFR 200.46)

[2 CFR Part 1400](#), Government-wide Debarment and Suspension (Non-procurement) (Applicable to all awards except those transactions identified in 2 CFR 180.215)

[2 CFR Part 1401](#), Requirements for Drug-Free Workplace (Financial Assistance)

[43 CFR 18](#), New Restrictions on Lobbying: Submission of an application also represents the applicant's certification of the statements in [43 CFR Part 18, Appendix A](#), Certification Regarding Lobbying.

[41 USC §6306](#), Prohibition on Members of Congress Making Contracts with Federal Government: No member of or delegate to the United States Congress or Resident Commissioner shall be admitted to any share or part of this award, or to any benefit that may arise therefrom; this provision shall not be construed to extend to an award made to a corporation for the public's general benefit.

[Executive Order 13513](#), Federal Leadership on Reducing Text Messaging while Driving: Recipients are encouraged to adopt and enforce policies that ban text messaging while driving, including conducting initiatives of the type described in section 3(a) of the Order.

Individuals

An individual is any person applying for or receiving Federal funds under a grant or cooperative agreement award separate from any business or non-profit organization he/she may operate. For individuals, the notice of award document will detail all administrative and cost-related requirements and restrictions.

Other Requirements

[2 CFR Part 175](#), Award Term for Trafficking in Persons

[2 CFR Part 1400](#), Government-wide Debarment and Suspension (Non-procurement)

[2 CFR Part 1401](#), Requirements for Drug-Free Workplace (Financial Assistance)

[43 CFR 18](#), New Restrictions on Lobbying: Submission of an application also represents the applicant's certification of the statements in [43 CFR Part 18, Appendix A](#), Certification Regarding Lobbying.

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[Executive Order 13513](#), Federal Leadership on Reducing Text Messaging while Driving: Recipients are encouraged to not engage in text messaging when driving a vehicle while conducting activities funded under this award.

Institutions of Higher Education, Hospitals and other Non-Profit Organizations

For domestic Institutions of Higher Education (IHEs), hospitals and non-profit organizations, the below terms and conditions always apply.

Administrative Requirements

[2 CFR Part 200, Subparts A through D](#)

Cost Principles

Hospitals: [45 CFR Part 75, Subpart E](#)

IHEs (see definition in [20 U.S.C. 1001](#)): [2 CFR Part 200, Subpart E](#)

Non-profit organizations exempted from 2 CFR Part 200, Subpart E (see [Appendix VIII to Part 200](#)): [48 CFR 1, Subpart 31.2—Contracts with Commercial Organizations](#)

All other non-profit organizations: [2 CFR Part 200, Subpart E](#)

Indirect Costs Identification and Assignment/Rate Determination Procedures

Hospitals: [45 CFR Part 75, Appendix IX—Principles for Determining Costs Applicable to Research and Development Under Grants and Contracts with Hospitals](#). The U.S. Department of Health and Human Services (HHS) is the cognizant agency for indirect costs for hospitals. Visit HHS' Cost Allocation Services website at <https://rates.psc.gov/> for more information.

IHEs: [2 CFR Part 200, Appendix III—Indirect \(F&A\) Costs Identification and Assignment, and Rate Determination for IHEs](#). The U.S. Department of Health and Human Services (HHS) is the cognizant agency for indirect costs for foreign IHEs. Visit HHS' Cost Allocation Services website at <https://rates.psc.gov/> for more information.

Non-profit organizations exempted from 2 CFR Part 200, Subpart E: Contact the National Interior Business Center (IBC), Indirect Cost Services by telephone at (916) 566-7111 or by e-mail at: ics@ibc.doi.gov. Visit the IBC's Indirect Cost Services website at <https://www.doi.gov/ibc/services/finance/indirect-cost-services> for more information.

All other non-profit organizations: [2 CFR 200, Appendix IV—Indirect \(F&A\) Costs Identification and Assignment, and Rate Determination for Nonprofit Organizations](#)

Audit Requirements

Non-profit organizations: [2 CFR Part 200, Subpart F](#)

Other Requirements

[2 CFR Part 25](#), Universal Identifier and Central Contractor Registration

[2 CFR Part 170](#), Reporting Subawards and Executive Compensation

[2 CFR Part 175](#), Award Term for Trafficking in Persons

[2 CFR Part 200, Appendix XII](#)—Award Term and Condition for Recipient Integrity and Performance Matters (Applicable to awards with a total Federal share of more than \$500,000)

[2 CFR Part 1400](#), Government-wide Debarment and Suspension (Non-procurement)

[2 CFR Part 1401](#), Requirements for Drug-Free Workplace (Financial Assistance)

[43 CFR 18](#), New Restrictions on Lobbying: Submission of an application also represents the applicant's certification of the statements in [43 CFR Part 18, Appendix A](#), Certification Regarding Lobbying.

[41 USC §4712](#), Pilot Program for Enhancement of Recipient and Subrecipient Employee Whistleblower Protection: This requirement applies to all awards issued after July 1, 2013 and shall be in effect until January 1, 2017.

- (a) This award, related subawards, and related contracts over the simplified acquisition threshold and all employees working on this award, related subawards, and related contracts over the simplified acquisition threshold are subject to the whistleblower rights and remedies in the pilot program on award recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (P.L. 112-239).
- (b) Recipients, their subrecipients, and their contractors awarded contracts over the simplified acquisition threshold related to this award, shall inform their employees in writing, in the predominant language of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.

- (c) The recipient shall insert this clause, including this paragraph (c), in all subawards and in contracts over the simplified acquisition threshold related to this award.

[41 USC §6306](#), Prohibition on Members of Congress Making Contracts with Federal Government: No member of or delegate to Congress or Resident Commissioner shall be admitted to any share or part of this award, or to any benefit that may arise therefrom; this provision shall not be construed to extend to an award made to a corporation for the public's general benefit.

[Executive Order 13513](#), Federal Leadership on Reducing Text Messaging while Driving: Recipients are encouraged to adopt and enforce policies that ban text messaging while driving, including conducting initiatives of the type described in section 3(a) of the Order.

State, Local and Federally-recognized Indian Tribal Governments

For U.S. state, local and federally-recognized Indian tribal governments, the below terms and conditions always apply.

Administrative Requirements

[2 CFR Part 200, Subparts A through D](#)

Cost Principles

[2 CFR Part 200, Subpart E](#)

Central Service Cost Allocation Plans and Indirect Cost Proposals

[2 CFR Part 200, Appendix V—State/Local Government and Indian Tribe-Wide Central Service Cost Allocation Plans](#)

[2 CFR Part 200, Appendix VII—States and Local Government and Indian Tribe Indirect Cost Proposals](#)

Audit Requirements

[2 CFR Part 200, Subpart F](#)

Other Requirements

[2 CFR Part 25](#), Universal Identifier and Central Contractor Registration

[2 CFR Part 170](#), Reporting Subawards and Executive Compensation

[2 CFR Part 175](#), Award Term for Trafficking in Persons (Term is applicable to private entity subrecipients)

[2 CFR Part 200, Appendix XII](#)—Award Term and Condition for Recipient Integrity and Performance Matters (Applicable to awards with a total Federal share of more than \$500,000)

[2 CFR Part 1400](#), Government-wide Debarment and Suspension (Non-procurement)

[2 CFR Part 1401](#), Requirements for Drug-Free Workplace (Financial Assistance)

[43 CFR 18](#), New Restrictions on Lobbying: Submission of an application also represents the applicant's certification of the statements in [43 CFR Part 18, Appendix A](#), Certification Regarding Lobbying.

[41 USC §4712](#), Pilot Program for Enhancement of Recipient and Subrecipient Employee Whistleblower Protection: This requirement applies to all awards issued after July 1, 2013 and shall be in effect until January 1, 2017.

- (a) This award, related subawards, and related contracts over the simplified acquisition threshold and all employees working on this award, related subawards, and related contracts over the simplified acquisition threshold are subject to the whistleblower rights and remedies in the pilot program on award recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (P.L. 112-239).
- (b) Recipients, their subrecipients, and their contractors awarded contracts over the simplified acquisition threshold related to this award, shall inform their employees in writing, in the predominant language of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.

- (c) The recipient shall insert this clause, including this paragraph (c), in all subawards and in contracts over the simplified acquisition threshold related to this award.

[41 USC §6306](#), Prohibition on Members of Congress Making Contracts with Federal Government: No member of or delegate to Congress or Resident Commissioner shall be admitted to any share or part of this award, or to any benefit that may arise therefrom; this provision shall not be construed to extend to an award made to a corporation for the public's general benefit.

[Executive Order 13513](#), Federal Leadership on Reducing Text Messaging while Driving: Recipients are encouraged to adopt and enforce policies that ban text messaging while driving, including conducting initiatives of the type described in section 3(a) of the Order.



United States Department of the Interior



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

In Reply Refer To:
FWS/F14AC00237 Modification 3

Point Reyes Bird Observatory
dba Point Blue Conservation Science
Ellie Cohen, President and CEO
3820 Cypress Drive, #11
Petaluma, California. 94954

DUNS: 119744100

Subject: Notice of Cooperative Agreement Award F14AC00237
Modification Number: 3

Dear Ms. Cohen:

Your organization's request for a modification to Federal financial assistance award titled "Protect, conserve and monitor the Farallon Islands ecosystem", submitted to the U.S. Fish and Wildlife Service's (USFWS) CFDA Program 15.608 is approved. This award is made under the authority of the Fish and Wildlife Act of 1956, as amended, 16 U.S.C. 742a-742j. For a complete list of this program's authorizing legislation, go to <https://www.cfda.gov/> and search by the CFDA Program number. This award is made based on Service approval of your organization's proposal signed on June 14, 2017, hereby incorporated by reference into this award.

This modification is to provide FY17 funding for project segment 4 of this monitoring and stewardship agreement with Point Reyes Bird Observatory doing business as Point Blue Conservation Science (Point Blue) at the U.S. Fish and Wildlife Service (Service), Farallon Islands National Wildlife Refuge (Refuge). The objective is to protect, conserve and monitor the Farallon Islands ecosystem including but not limited to birds, mammals, salamanders, insects, other wildlife and plants and to assist with Refuge stewardship.

Type of Agreement:

- ☐ Grant Agreement
- ☒ Cooperative Agreement
- ☐ Fire Agreement
- ☐ Challenge Cost Share
- ☐ CESU Master Agmt # _____
- ☐ NRDA

Program:

- ☐ Fisheries Program
- ☒ Refuges Program
- ☐ Ecological Services Program
- ☐ Science Applications
- ☐ Migratory Birds
- ☐ National Wetlands Inventory

Type of Organization:

☐ State Government
☐ Tribal
☐ Higher Education Inst.

☐ Local Government
☒ Non-Profit Organization
☐ For Profit Organization
☐ Private Individual

SAM Registration expires: March 23, 2018

Period of Performance

The overall performance period of this award is April 1, 2014 through March 31, 2019. This is the period of Federal sponsorship. This project will be funded incrementally over time. Based on availability of funds, the Service will provide funds to Point Blue annually, or more often if necessary, to accomplish and enhance the public benefits incorporated in this agreement. Biological monitoring tasks include, but are not limited to, monitoring of seabird breeding population sizes and reproductive success, marine mammal population sizes and pup surveys, salamander distribution and abundance, cricket distribution and abundance, burrowing owl abundance, and seabird depredations. Stewardship tasks include Refuge violation surveillance and reporting, conducting regularly scheduled inspections and maintenance of Refuge equipment and facilities, and assistance with Service staff and visitor access to the Refuge. For each increment of funding, Point Blue will need to be up to date on all reporting requirements and submit the most current versions of the following federal forms: 1) SF424 Application for Federal Assistance; and 2) SF424A Budget (Non-construction programs).

The funding period for **this segment** of this project is April 1, 2017 through November 30, 2017. The total amount of USFWS funding available for this segment of this project is \$91,602. Only allowable costs resulting from obligations incurred during this funding period may be charged to this award.

The Service may revise this award over time to add new funding for each subsequent project segment. Each project segment will be assigned a specific funding period, during which only allowable costs resulting from obligations incurred during the specified funding period may be charged to this award.

All obligations incurred under the award must be liquidated no later than 90 calendar days after the end of the performance period, unless the Service approves a final financial reporting period extension (see Reporting Requirements section below). If you need more time to complete project activities, you must submit a written request to the Service Project Officer identified in the Project Contacts section below 30 days before the end of the stated performance period (see Project/Program Plan and Budget Revisions section below).

The Service's obligation to provide incremental funding up to the total anticipated award amount is contingent on: 1) satisfactory Recipient performance and 2) the availability of funds. No legal liability on the part of the Service exists unless and until the Service obligates funds and notifies the Recipient in writing that funds are available for the purposes of this award.

Funding:

This award is funded as follows:

	<u>USFWS</u>	<u>Recipient</u>
This obligation:	\$91,602.00	\$183,204.00
Previous obligation:	<u>\$591,365.00</u>	<u>\$915,780.00</u>

Cumulative Total:

\$682,967.00

\$1,098,984.00

Indirect Costs:

Indirect costs under this award are approved, per the Negotiated Indirect Cost Agreement submitted to the FWS Field Station, as part of the agreement package. The established rate of is approved until the agreement expires or is terminated. If the NICRA expires while the agreement is effect, the recipient will be required to submit a new proposal in order to continue to charge indirect costs.

System for Award Management (SAM) Registration: Under the terms and conditions of this award, your organization must maintain an active SAM registration at <https://www.sam.gov/portal/public/SAM/> until the final financial report is submitted or final payment is received, whichever is later. If your organization's SAM registration expires during the required period, the Service will suspend payment under this and all other Service awards to your organization until you update your organization's SAM registration.

Reporting Requirements:

Financial and Performance Reporting Requirements:

Annual interim financial and performance reports and final financial and performance reports are required under this award. The report periods and due dates under this award are:

Report:	Report Period:	Report Due Date:
<u>Interim</u> financial & performance report	April 1, 2014-March 31, 2015	June 29, 2015
<u>Interim</u> financial & performance report	April 1, 2015-March 31, 2016	June 29, 2016
<u>Interim</u> financial & performance report	April 1, 2016-March 31, 2017	June 29, 2017
<u>Interim</u> financial & performance report	April 1, 2017-March 31, 2018	June 29, 2018
<u>Final</u> financial & performance report	April 1, 2018-March 31, 2019	June 29, 2019

Recipients must use the Standard Form (SF) 425, *Federal Financial Report* form for all financial reporting. This form is available at <http://www.grants.gov/web/grants/forms/post-award-reporting-forms.html#sortby=1>.

Performance reports must contain: 1) a comparison of actual accomplishments with the goals and objectives of the award as detailed in the approved scope of work; 2) a description of reasons why established goals were not met, if appropriate; and 3) any other pertinent information relevant to the project results. Please include the Service award number provided in the subject line of this letter on all reports.

Financial and performance reporting due dates may be extended by the Service upon receipt of a written request addressed to the Service Project Officer identifying the type of report to be extended, the requested revised due date, and a justification for the extension. The Service Project Officer may approve an additional extension if justified by a catastrophe that significantly impairs the recipient's operations. Requests for reporting due date extensions must be received by the Service Project Officer no later than one day before the original reporting due date.

Significant Developments Reports (see 2 CFR 200.328(d)):

Events may occur between the scheduled performance reporting dates that have significant impact upon the supported activity. In such cases, notify the Service Project Officer in writing as soon as the following types of conditions become known:

- Problems, delays, or adverse conditions that will materially impair the ability to meet the objective of the Federal award. This disclosure must include a statement of any corrective action(s) taken or contemplated, and any assistance needed to resolve the situation.
- Favorable developments that enable meeting time schedules and objectives sooner or at less cost than anticipated or producing more or different beneficial results than originally planned.

Conflict of Interest Disclosures:

Recipients are responsible for notifying the Service Project Officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter which might place the Recipient, the Recipient's employees, or the Recipient's subrecipients in a position of conflict, real or apparent, between their responsibilities under this award and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationships, positions of trust in outside organizations, consideration of future employment arrangements with a different organization, or decision-making affecting the award that would cause a reasonable person with knowledge of the relevant facts to question the impartiality of the Recipient, the Recipient's employees, or the Recipient's subrecipients in the matter. Upon receipt of such a notice, the Service Project Officer in consultation with their Ethics Counselor will determine if a conflict of interest exists and, if so, if there are any possible actions to be taken by the Recipient, the Recipient's employee(s), or the Recipient's subrecipient(s) that could reduce or resolve the conflict. Failure to resolve conflicts of interest in a manner that satisfies the Service may result in any of the remedies described in 2 CFR 200.338, Remedies for Noncompliance, including termination of this award.

Other Mandatory Disclosures:

Recipients and their subrecipients must disclose, in a timely manner, in writing to the Service or pass-through entity all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting this award. Non-Federal entities that have received a Federal award including the term and condition outlined in 2 CFR 200, Appendix XII—Award Term and Condition for Recipient Integrity and Performance Matters are required to report certain civil, criminal, or administrative proceedings to SAM. Failure to make required disclosures can result in any of the remedies described in 2 CFR 200.338, Remedies for noncompliance, including suspension or debarment (See 2 CFR 200.113, 2 CFR Part 180, 31 U.S.C. 3321, and 41 U.S.C. 2313).

Other Reports or Deliverables:

Required annual reports were described in the original agreement. Additional reports for Segment 3 of this project have been described in attached Scopes of Work (Attachments 1 through 4). All reports must be sent to the Farallon National Wildlife Refuge Manager.

Project/Program Plan and Budget Revisions:

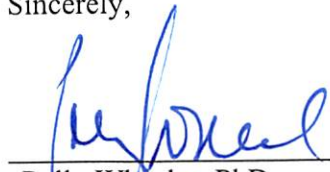
Recipients are required to report deviations from budget or project scope or objective, and request prior approvals for budget and program plan revisions in accordance with 2 CFR 200.308 unless otherwise specifically waived in this award.

Project Contacts:

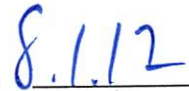
The Service Project Officer for this award is:	The Recipient Project Officer for this award is:
Anne Morkill Refuge Complex Manager San Francisco Bay NWRC 1 Marshlands Road Fremont, CA 94555 510-792-0222, ext. 123 anne_morkill@fws.gov	Ellie Cohen President and CEO 3820 Cypress Drive, #11 Petaluma, CA 94954 707-781-2555, x 318 ecohen@pointblue.org

Please contact Gerry McChesney, Farallon Islands National Wildlife Refuge Manager, at (510) 792-0222 ext. 222 with any questions. Please include the USFWS award number provided in the subject line of this letter in all written communications:

Sincerely,



Polly Wheeler, PhD.
Assistant Regional Director
National Wildlife Refuge System



Date

Attachments:
Budget