

FUNDING OPPORTUNITY ANNOUNCEMENT (FOA)

Funding Agency: US Army Corps of Engineers Alaska District PO Box 6898 JBER AK 99506	Funding Instrument: Cooperative Agreement Funding Opportunity W911KB-23-2-0004 No. CFDA No: 12.005 Program Authority 16 U.S.C. 670c-1 Sike's Act
Issue Date: 17 March 2023	Application Due Date: 18 April 2023
Overview: Management, Nuisance Wildlife Bellows Air Force Station (BAFS) O'ahu, Hawaii - The objective of this scope of work is to assist U.S. Air Force Installation and Mission Support Command (AFIMSC) with the optimal management of training lands, protect and enhance biological diversity and ecological health, and protect historic properties on all USAF lands, and to ensure compliance with all environmental laws and regulations. This requirement shall be satisfied through the issuance of a cooperative agreement (CA) with the U.S. Army Corps of Engineers, Alaska District (USACE). See full Funding Opportunity Description in Section I.	
Estimated Total Funding: \$62,727.00	Estimated Number of Awards: 1
Contents of Full Text Announcement	
I. Funding Opportunity Description	V. Application Review Information
II. Award Information	VI. Award Administration Information
III. Eligibility Information	VII. Agency Contacts
IV. Application Information	VIII. Other Information
Contact Information: Questions relating to Grants.gov including the registration process and system requirements should be directed to the Grants.gov Contact Center at 1-800-518-4726. For assistance with the requirements of this Funding Opportunity Announcement, please contact the Grants Specialist, casandra.a.hutchins@usace.army.mil	
Instructions to Applicants: The complete Funding Opportunity Announcement, application forms, and instructions are available for download at Grants.gov. Applications in response to this Funding Opportunity Announcement shall be submitted by the application due date. Applications may be submitted electronically via email or through Grants.gov. Applicants shall have a Unique Entity Identification (UEI) number, registration with the System of Award Management (SAM), and registration with Grants.gov, if submitting application through Grants.gov. See Section IV of the Funding Opportunity Announcement for complete application submission information.	

Section I: Funding Opportunity Description

STATEMENT OF WORK

MANAGEMENT, NUISANCE WILDLIFE BELLOWS AIR FORCE STATION (BAFS) O'ahu, Hawaii

15 March 2023

Total Base Project Cost Ceiling: \$62,727

1.0 INTRODUCTION

1.1 Objectives

The objective of this scope of work is to assist U.S. Air Force Installation and Mission Support Command (AFIMSC) with the optimal management of training lands, protect and enhance biological diversity and ecological health, and protect historic properties on all USAF lands, and to ensure compliance with all environmental laws and regulations. This requirement shall be satisfied through the issuance of a cooperative agreement (CA) with the U.S. Army Corps of Engineers, Alaska District (USACE).

The purpose of the project is to provide invasive species management services at Bellows Air Force Station (BAFS) to reduce threats to threatened and endangered (T&E) waterbird species on BAFS posed by species such as, but not limited to, feral cats, feral pigs, feral dogs, Indian mongoose, rats, and mice. The project is to be conducted in accordance with the goals and objectives of 1) the BAFS Integrated Natural Resources Management Plan (INRMP); and 2) a United States Fish and Wildlife Service (USFWS) Biological Opinion (BO) to achieve Endangered Species Act requirements for species-at-risk and species of concern. The BO includes requirements to manage habitats for endangered, threatened, rare, sensitive or keystone flora or fauna species.

The tasks described in this scope are to trap and humanely remove from the installation by either relocation or euthanization such species as, but not limited to, feral cats, feral pigs, feral dogs, Indian mongoose, rats, and mice.

Projects for execution under this CA by USACE do not include any functions to be performed that are inherently governmental. This determination is made with the assessment that places emphasis on the degree to which conditions and facts restrict the discretionary authority, decision-making responsibility, or accountability of government officials using recipient services and/or work products. This CA shall not be used for performance of personal services. **Recipients shall clearly display primary employer information at all times.** Recipient personnel are not government employees, and as such any work area shall be clearly identified as a recipient workspace, and email accounts and signature blocks should clearly identify recipient personnel.

1.2 Background

The Sikes Act (16 USC 670a-670o, 74 Stat. 1052) of 1960 requires that each Department of Defense (DoD) installation create and maintain their own Integrated Natural Resources Management Plan (INRMP), the principal tool for managing military installation natural resources. The INRMP defines natural resources management goals and objectives that are consistent with the military mission and ensures no net loss in the capability of installation lands to support the military mission.

This CA is supported through the following legal drivers (latest versions):

- National Environment Policy Act (NEPA) as implemented at 40 CFR Parts 1500-1508, CEQ Regulations for Implementing the Procedural Provisions of NEPA, and by the Air Force at 32 CFR Part 989, Environmental Impact Analysis Process;
- AFMAN 32-7001, Environmental Management;
- AFMAN 32-7003, Environmental Conservation;
- AFMAN 32-1053, Integrated Pest Management Program;
- DoD Instruction 4715.03, Natural Resources Conservation;
- DoD Instruction 4715.06 (February 14, 2011), *Cultural Resources Program* (as amended August 31, 2018);
- Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267);
- 2 CFR 200, Grants and Cooperative Agreements;
- *Sikes Act* (PL 105-85, as amended through 2004 including PL 108-136; Title 16 USC 670 *et seq.*);
- USFWS Biological Opinion;
- National Historic Preservation Act (54 USC 300101);
- *Archaeological Resources Protection Act* (16 USC 470aa-470mm), as implemented by 32 CFR Part 229;
- Native American Graves Protection and Repatriation Act of 1990, as implemented by 43 CFR Part 10;
- 42 USC § 1996 and 1996a (known as the *American Indian Religious Freedom Act*;
- (AIRFA) of 1978) and EO 13007;
- DoDI 4710.02, DoD Interactions with Federally-Recognized Tribes;
- Curation of Federally-Owned and Administered Archaeological Collections (36 CFR 79); and
- Executive Orders relating to sacred sites and government-to-government relations between Indian tribes and the Air Force.

2.0 SITE DESCRIPTION

BAFS is a recreational and training area for USAF, DoD Service components, families, and civilian personnel located on the windward side of the Ko'olau Mountain Range on O'ahu, and consists of approximately 437 acres (see Figure 1 - Location Map of BAFS and Pu'ewai Wetlands (02.10.16)).

The station also hosts sensitive animal species that are vulnerable to predation from nuisance/feral animals. The 7.8-acre Pu'ewai Wetlands, on BAFS, is used by shorebirds and other waterbirds, including endangered Ae'o or Black-necked Stilt (*Himantopus*

mexicanus knudseni), 'Alae 'Ula or Hawaiian common moorhen (*Gallinule chlororopus sandvicensis*), 'Alae Ke'okeo or Hawaiian Coot (*Fulica alai*), and Koloa or Hawaiian duck (*Anas wyvilliana*) to forage, roost and breed. Bellows AFS is restoring Pu'ewai Wetlands for use by native Hawaiian wetland birds as described in the USFWS BO. The coastline supports endangered sea turtles including the Honu or Green Sea Turtle (*Chelonia mydas*), Honu'ea or Hawksbill Sea Turtle (*Eretmochelys imbricata*), and Ilio holo I ka uaua or Hawaiian Monk Seal (*Neomonachus schauinslandi*). 'Ua'u Kani or Wedge-tailed Shearwater (*Ardenna pacifica*) also nest in burrows along the coastal dunes. The endangered 'Ōpe'ape'a or Hawaiian Hoary Bat (*Lasiurus cinereus semotus*) and State endangered Pueo or Short-eared Owl (*Asio flammeus sandwichensis*) is also found on Bellows AFS. See attached Figures:

- Figure 1 - Location Map of BAFS and Pu'ewai Wetlands (02.10.16)
- Figure 2 - Aerial View of BAFS with Trap Zones (05.15.19)

3.0 PROJECT MANAGEMENT, PLANNING AND REPORTING

The Recipient shall supply all necessary supervision, labor, equipment, vehicles and materials necessary to accomplish the work. The Recipient shall perform management and planning functions, including performance measurement and fund status reporting, through the course of this effort. The Recipient shall document the results of the project efforts under this scope for government review and approval. The Recipient shall perform all work in accordance with federal, state, and local statutes and regulations and obtain any permits necessary to lawfully conduct this work. Remedies shall conform to agreement terms and conditions, environmental permits, decision documents, or other legal requirements.

Within ten (10) business days of award, the Recipient shall provide the Grants Officer (GO) a written list of all personnel, including site supervisors, support staff, quality assurance inspector(s), laborers, technicians, drivers, etc., who shall be responsible for the performance of the required work and require BAFS access using the B-180, Long Term Passes for Cooperators/Vendors/Employees form.

3.1 Meetings

3.1.1 Meetings/Teleconference Support

The Recipient shall attend and/or support meetings and teleconferences as required by the Grants Officer (GO). The purpose of meetings may include, but is not limited to, progress reviews, project scoping, planning, project status, and the general exchange of information concerning current activities.

3.1.2 Kick-Off Meeting

This SOW provides for activities required for the on-site kick-off meeting. The Recipient shall present a Work Plan (described below) that will include a brief description of activities to fulfill the required tasks and finalized schedule.

3.2 Planning Documents

3.2.1 *Work Plan*

The Recipient shall prepare a Work Plan (WP) that will include a brief description of activities associated with the required tasks and finalized schedule. The WP shall describe in detail the approach, methodologies, quality control, and other technical activities (including disposal of wildlife carcasses, description of traps/trapping devices, proposed location of traps/trapping devices) that shall be implemented to ensure that a quality project is completed.

The draft WP shall be submitted to the GO for review within ten (10) business days of award. The Recipient shall revise the draft WP as necessary based on all review comments received and submit a final WP within five (5) business days of receipt of review comments. The final WP shall be submitted electronically in Microsoft Word format.

The WP must be approved by the Grants Officer Representative (GOR) prior to the commencement of the fieldwork. All work shall be conducted in accordance with this agreement.

3.2.2 *Safety and Health Program*

The Recipient shall develop and implement a written Safety and Health Program in accordance with guidelines specified in USACE EM 385-1-1 Safety and Health Requirements Manual. The program shall include a Site Safety and Health Plan and Accident Prevention Plan.

A draft Safety and Health Program shall be submitted electronically to the GO within ten (10) business days of award. The Recipient shall revise these plans, as necessary, and submit a final Safety and Health Program within five (5) business days of receipt of USAF review comments. The final Safety and Health Program shall be submitted to the GO electronically in Microsoft Word format.

The Recipient shall ensure that any subs, suppliers, and support personnel follow all safety and health provisions established in the approved Safety and Health Program for the site. The GO reserves the right to stop work under this agreement for any safety violations at no additional cost to the Government. The GOR shall verify that the Recipient has implemented corrective action before allowing continued performance under the agreement.

3.3 Monthly Status Reporting

The Recipient shall submit no later than five (5) business days from end of the report month (unless otherwise specified) status reports summarizing all activities conducted under this agreement. The monthly reports shall be used to review and evaluate the overall progress of the project, along with any existing or potential problem areas. The monthly status reports shall be submitted electronically. Monthly reports shall include:

- Summary of the events that occurred during the reporting period;

- Discussion of performance to include identification of problems, proposed solutions, corrective actions taken, etc.;
- Description of outstanding issues;
- Map that shows the current location of all traps in the field and a table identifying the location and number of supplies and equipment not deployed in the field;
- Project schedule status;
- Tables to include, but not be limited to, the number and type of wildlife captured, capture locations, capture method, general health observations, gender, age, weight, location and terminal (disposition) after removal from BAFS;
- Humane Society drop-off documents (if applicable); and
- Macro-enabled DD Form 1532-1 Pesticide Use.

4.0 SOLID AND HAZARDOUS WASTE ACTIVITIES

The Recipient shall handle all solid waste/refuse in accordance with applicable federal, state, and local requirements. It is anticipated that nonhazardous solid waste/refuse will be generated during the project. No hazardous waste is anticipated because of this project. Solid waste shall be removed at the expense of the Recipient.

5.0 ANIMAL PROTOCOLS

Institutional Animal Care and Use Committee (IACUC) protocols shall be followed to humanely trap, handle and euthanize animals. The Recipient shall submit a written feral animal trapping, handling and euthanasia protocol that describes capture methods specific to species, types of traps to be utilized by species, proposed trap placements within each zone, proposed frequency to check traps by trap type, animal handling and transportation methods specific to species, temporary housing if required, proposed methods of euthanasia, proposed methods of disposal/dispossession, and other descriptions relevant to trapping feral animals.

A draft feral animal trapping, handling and euthanasia protocol shall be included as part of the proposal package.

5.1. Firearms. Firearms shall not be permitted on BAFS.

5.2. Air guns. The use of air guns shall not be permitted unless prior approval and coordination is obtained from the BAFS commander and BAFS Security Forces.

6.0 NOTIFICATION REQUIREMENTS

The Recipient is required to notify the GO of critical issues that may affect the agreement performance and/or human health and the environment. The types of issues that require notification include, but are not limited to, health risks, spills, changes in critical personnel, and finding Munitions and Explosives of Concern (MEC). MEC is unlikely and not anticipated. As an example, if MEC were discovered during field activities, the Recipient would be required to immediately stop work, report the discovery to BAFS Security Forces and implement the appropriate safety precautions. Field activities could not continue until clearance is received from BAFS Security Forces. On critical issues, verbal notification should be made immediately, followed by written notification no later than 24 hours.

7.0 ACCESS TO BAFS

The Recipient shall have access to BAFS in order to perform required tasks. To gain access, the Recipient shall supply requested personal identifiable information of recipient personnel, to include sub-recipient, to BAFS Security Forces (SF) through the agreement government representative and/or sponsor via the Form B-180 NLT ten (10) business days from the date of award. BAFS SF will conduct background checks on each individual listed on the Form B-180. Upon approval, each person shall arrange an appointment with the SF POC through the GOR to obtain a DBIDS card. Recipient personnel shall present their DBIDS card at the Installation Entry Control Point upon arrival each time. As a backup, SF will post an Entry Access Listing (EAL) of authorized recipient personnel at the Installation Entry Control Point, and recipient personnel shall present a valid identification card to the gate sentry for entry verification. Recipients shall NOT have the authority to sponsor or escort additional personnel onto BAFS. Recipient vehicles will be subject to search prior to entry onto BAFS. The Recipient shall immediately notify SF through the government representative anytime an individual no longer requires access to BAFS due to employment termination, re-assignment, etc. It is the responsibility of the Recipient to submit personal identifiable information for employees hired after the initial award in a timely manner such that performance is not affected.

The services in this agreement shall be performed between 4 am and 9 pm, Monday through Sundays, excluding federal holidays. Services around residential housing areas and guest cabins shall not occur before 0730. Closures deemed by the base commander concerning weather, exercises, or actual alert, may occur which may prevent Recipient access to the base. Notify the GOR if access affects performance.

8.0 SPECIFIC TASKS

The Recipient shall complete all work within the scope of this agreement without government supervision. The Recipient shall perform the work to meet monthly BAFS goals for specific types of animals identified by the EPM. The Recipient shall mark the location of the smaller live traps in the field with a colored ribbon attached to a nearby tree. The trap shall also be marked with a tracking number and BAFS contact phone number. A trap location map shall also be included with the monthly status reports described in Paragraph 3.3. Live cage traps are to be positioned on dry land at least 100 feet outside of the jurisdictional wetlands. Live traps for small mammals must be checked at least every 24 hours. Kill traps must be placed outside of the jurisdictional wetlands and be designed to prevent harm to listed waterbird species.

8.1 TASK 1: Management Activities in Zones 1 & 2

The Recipient shall conduct nuisance wildlife species management operations for the following animals within Zones 1 and 2 on the attached Figure 2 - Aerial View of BAFS with Trap Zones (05.15.19).

8.1.1 *Feral/Free-Ranging Cats and Dogs*

The primary method to control cats and dogs at BAFS in the past was cage trapping during evening and night hours. All captured cats and dogs shall be taken to the

Humane Society unless otherwise directed by the EPM. Other control methods proposed by the Recipient may be utilized after approval by the GO. All captured animals shall be properly removed in a humane manner from site in accordance with state and federal laws and regulations.

8.1.2 *Indian Mongoose*

The primary methods to trap Indian Mongoose on BAFS in the past included live cage traps, spring-loaded trap stations (such as snap traps or DOC 250's), and/or Aerosol Trap stations (such as Goodnature). Trap stations utilizing approved rodenticides diphacinone (Ramik), brodifacoum, and difethialone (Firststrike) may be used around buildings (not wetlands) to reduce rats, mice and mongooses with prior approval of BAFS and regulatory agencies. Zinc phosphide may be used but only by a State of Hawaii licensed/certified applicator. All pesticide applications must be recorded on DD Form 1532 and submitted to the BAFS Environmental Program Manager by the 5th day of the month for reporting to higher headquarters. Other control methods proposed by the Recipient may be utilized after approval by the GO. All captured animals shall be properly euthanized and removed in a humane manner from site in accordance with state and federal laws and regulations.

8.1.3 *Feral Pigs*

The primary methods to trap pigs on BAFS in the past included leg snares, cage and corral traps. All captured animals shall be removed and properly disposed of in compliance with state and federal laws and permits. Other control methods proposed by the Recipient may be utilized after approval by the GO. All captured animals shall be properly removed in a humane manner from site in accordance with state and federal laws and regulations.

8.1.4 *Introduced Birds Species*

Methods to remove introduced bird species (such as but not limited to Cattle Egrets, Black-crowned Night-herons, Pigeons, Common barn owls, peacocks and common mynas), may include scare devices, and/or trapping. Other control methods proposed by the Recipient may be utilized after approval by the GO. All captured animals shall be properly removed in a humane manner from site in accordance with state and federal laws and regulations.

8.1.5 *Removal and Proper Disposal of Discovered Expired Wildlife*

Periodically, dead wildlife is discovered on BAFS property. For health and safety reasons, these deceased animals must be collected and properly disposed of. The Recipient shall respond to removal calls from the GOR and notate on invoices the number of removal calls fulfilled in that month. Up to five (5) removal calls may be made each month.

9.0 EQUIPMENT, SUPPLIES, AND TRAP ZONES

Table 1, below, identifies the minimum number of trapping stations to be used. Equipment and supplies that are purchased using government funds remain the property of the BAFS. Various additional traps may be needed to cover other areas of BAFS. The

number of traps used is up to the discretion of the Recipient. The Government will consider and encourages suggestions from the Recipient for new traps not identified Table 1.

TABLE 1. Trapping Stations and Check Periods		
Type Trap (Feral Animal)	Frequency Check	# Trapping Stations
Pig Cage Traps w/food and water	24 hrs.	3
Pig Corral Traps w/food and water	48 hrs.	2
Indian Peafowl Traps w/food and water	24 hrs.	1
Live Cage Traps w/water bottle and shade (Cats, Rats, Mongoose)	24 hrs.	16
Traps Stations, such as box trap with snap trap inside and/or aerosol traps (such as Goodnature). (Rats, Mice, Mongoose)	48 hrs.	20
Trap Stations with rodenticide around buildings only, not wetlands (mongoose, rats, mice)	As Needed	45

10.0 CONSERVATION

Activities shall be planned and implemented in a manner that protects existing site utilities, surface features, natural and cultural resources, and the general site environment. This includes the protection of trees, shrubs and other vegetation and non-invasive animals not in the affected zone from dust damage, soil compaction, and physical contact with machines and equipment. All reasonable measures shall be taken to minimize and suppress fugitive emissions of dust, vapors, and other site materials during site work. No digging (e.g., hand excavation, grading, trenching, augering or vegetation grubbing) is allowed by the Recipient. The Recipient shall conduct all operations and activities in compliance with federal, state and local regulations.

Activities shall minimize impacts on native Hawaiian waterbirds. The wetlands and stream areas are used by shorebirds and other waterbirds, to forage, roost and breed. Activities shall not disturb the following endangered native Hawaiian waterbirds or MBTA protected waterbirds:

- Ae'o or Black-necked Stilt (*Himantopus mexicanus knudseni*)
- 'Alae 'Ula or Hawaiian common moorhen (*Gallinule chlororopus sandvicensis*)
- 'Alae Ke'okeo or Hawaiian Coot (*Fulica alai*)
- Koloa or Hawaiian duck (*Anas wyvilliana*)
- Wedge-tailed shearwater (*Puffinus pacificus*)

Refer to Table 2 - Hawaiian Waterbird Breeding Table to see life history and breeding period information about these birds. Immediately notify the BAFS EPM of any nest encounters with these four (4) waterbirds. Immediately notify the GOR and BAFS EPM if any of the four (4) waterbirds are captured or killed during the performance of this agreement.

11.0 GENERAL REQUIREMENTS

11.1 Permits

The Recipient shall obtain all permits as required by applicable state and federal regulations.

11.2 Episodic Wetlands Flooding

Possibility of episodic flooding should be considered when planning activities in Waimanalo Stream wetlands. The wetlands occasionally flood during heavy rainfall and when a sand plug forms at the mouth of the Waimanalo Stream, causing the stream water to back up. Water level can rise 20" when a sand plug occurs inundating the mudflats under water. The sand plug lasts until water builds up enough pressure to cut a path back to the ocean. On some occasions, BAFS can request that MCBH personnel manually dig a trench through the sand plug to drain the wetlands.

11.3 Wetlands Forest Clearing

It is possible that half acre parcels of the wetland perimeter will periodically undergo deforestation and/or clearing. Any traps in the selected areas must be removed no later than 24 hours before the deforestation and/or clearing will occur. Notice of the selected areas will be provided five (5) business days before the deforestation and/or clearing will occur.

11.4 Nonexclusive

The trapping activities on BAFS are not exclusive to the Recipient. Additional trapping activities may take place by other parties.

11.5 Site Preparation

The Recipient shall perform site work as necessary to prepare sites for staging area activities. Security and access controls shall be implemented to prevent unauthorized entry to sites and to protect wildlife from site exposure.

11.6 Demobilization

The Recipient shall remove any temporary facilities and implement erosion control measures and restore roads and utilities if affected.

12.0 ATTACHMENTS

Figure 1 - Location Map of BAFS and Pu'ewai Wetlands (02.10.16)

Figure 2 - Aerial View of BAFS with Trap Zones (05.15.19)

Table 2 - Hawaiian Waterbird Breeding Table

DD Form 1532-1 (Available at [DoD Forms 1500-1999 \(whs.mil\)](https://www.whs.mil); provided at award)

13.0 PERIOD OF PERFORMANCE

The period of performance for this Cooperative Agreement is twelve (12) months from the date of award with an additional three (3) 12-month option periods. Option periods shall be awarded subject to availability of funding.

14.0 POINTS OF CONTACT (POCS)

Contracting questions should be addressed to Michelle Mandel. The POC for USACE Project Management is Katie Russell. Correspondence should be addressed as follows:

Michelle Mandel
U.S. Army Corps of Engineers
Contracting Division
ATTN: CEPOA-CT
P.O. Box 6898
JBER, AK 99506-0898
Phone: (907) 753-2502
Email: michelle.r.mandel@usace.army.mil

Katie Russell, P.E.
U.S. Army Corps of Engineers
Environmental and Special Programs Branch
ATTN: CEPOA-PME
P.O. Box 6898
JBER, AK 99506-0898
Phone: (907) 753-2535
Email: kathryn.russell@usace.army.mil

The POC for AFIMSC/Det 2 is Ms. Breton Frazer, the Environmental Acquisitions Manager for the Pacific Division. Correspondence should be addressed as follows:

Breton Frazer
Air Force Installation Mission Support Center
Pacific Division
Environmental Branch
25 E St, Suite C-300
JBPHH, HI 96853
Phone: (808) 449-4049
Email: breton.frazer.1@us.af.mil

The POC for Bellows AFS is Ms. Andrea Gatch, the Environmental Program Manager for Detachment 2, 18th Mission Support Group. Correspondence should be addressed as follows:

Andrea Gatch
Environmental Program Manager
Detachment 2, 18th Mission Support Group
Bellows Air Force Station
515 Tinker Road
Waimanalo, HI 96795
Phone: (808) 789-9701
Email: andrea.gatch@us.af.mil

Figure 1 - Location Map of BAFS and Pu'ewai Wetlands (02.10.16)

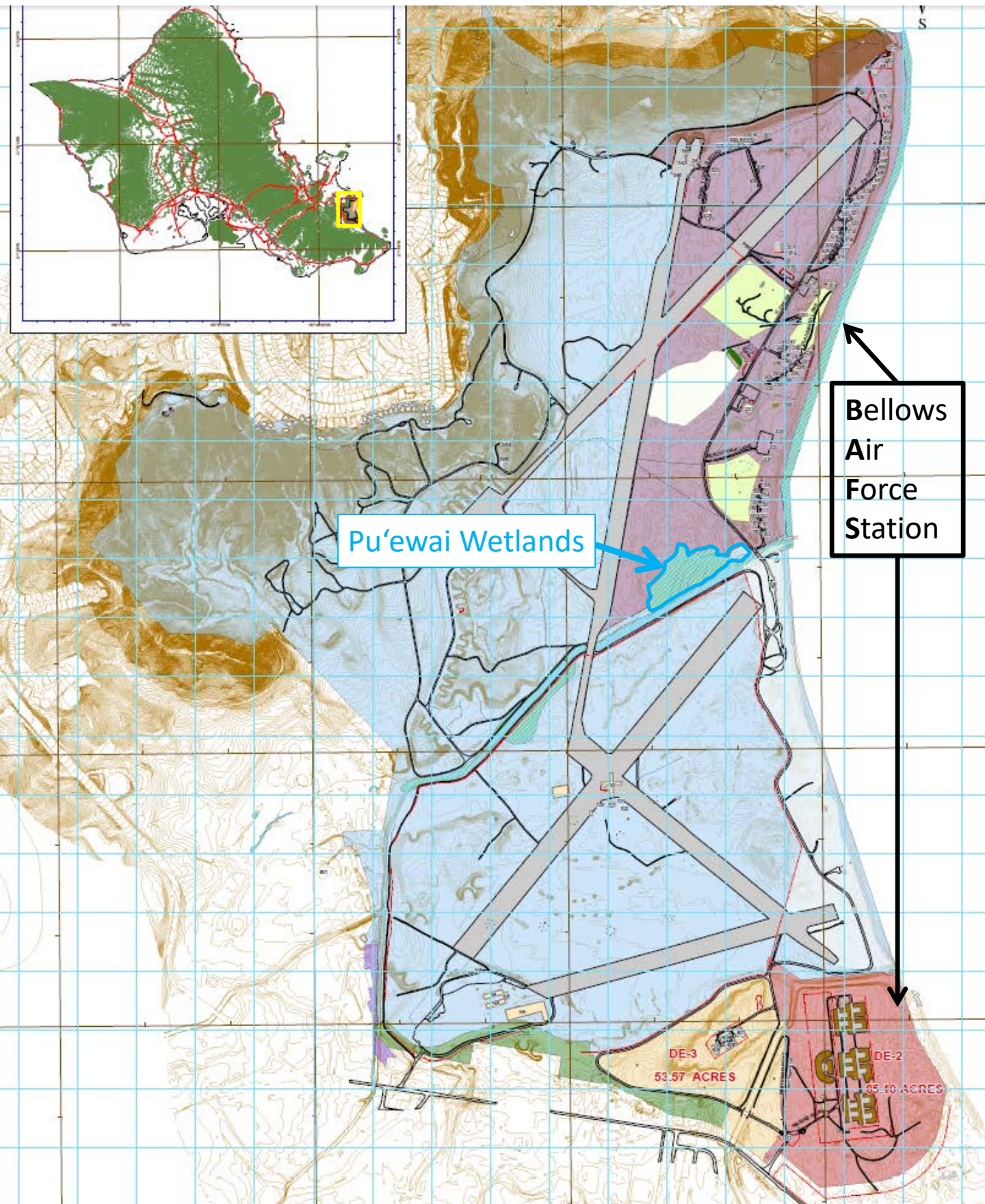


Figure 2 - Aerial View of BAFS with Trap Zones (05.15.19)

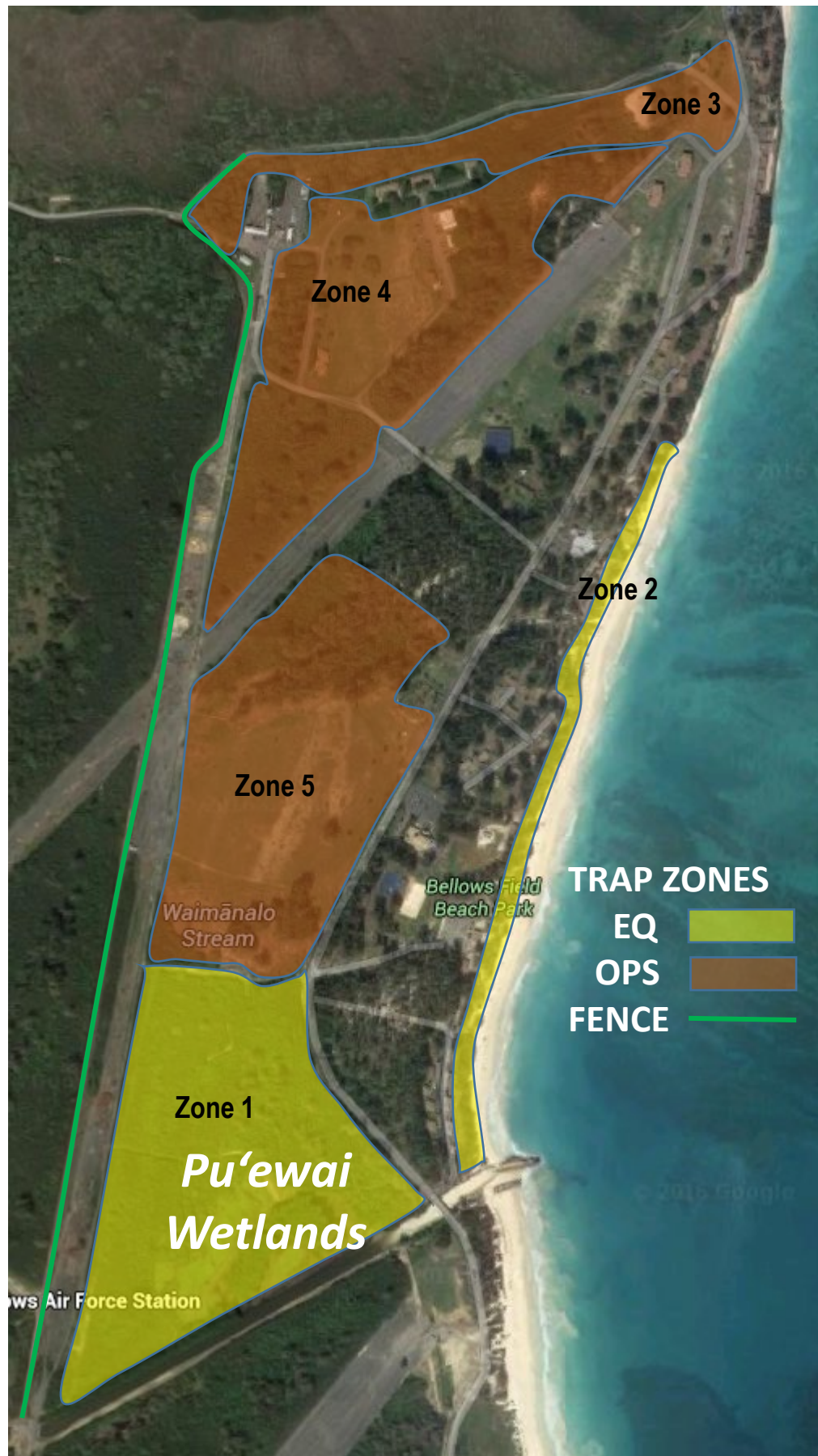
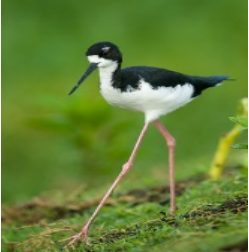
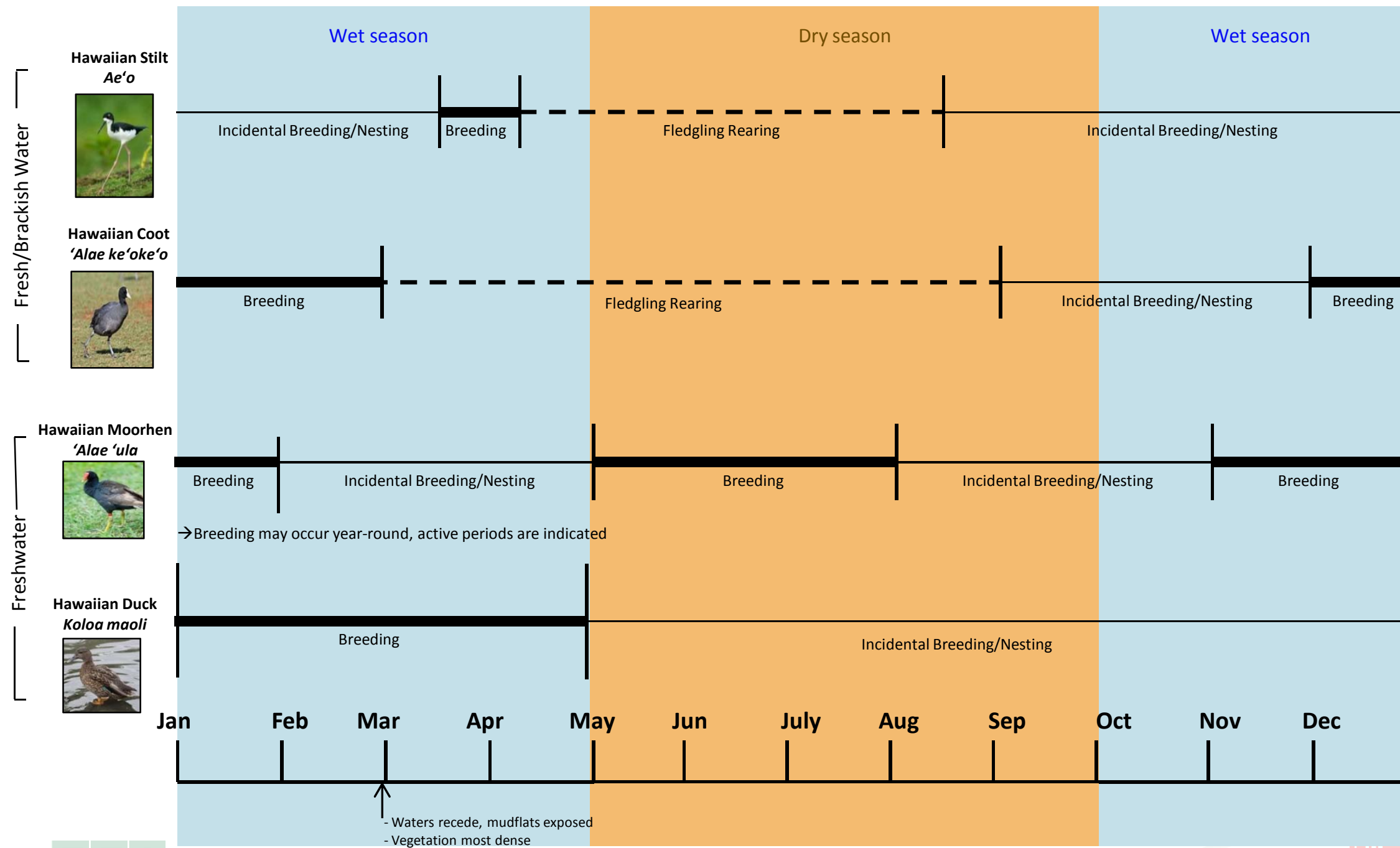


Table 2 - Hawaiian Waterbird Breeding Table

Common Name	Habitat Requirements	Nesting/Breeding	Threats/Conservation Efforts
Hawaiian Stilt 	• prefer shallow waters (fresh, brackish, or salt water) • native low-growing wetland plants • opportunistic feeder	• freshly exposed mudflats and low growing vegetation • will nest on low-relief islands in fresh and brackish ponds • made from vegetation material, a pile of sticks, or a shallow nest depression in the ground • breeding season is when water level in the ponds recede and mudflats are exposed, late March-early April • breeding season and chick fledging is done by mid-August	• hunting (now illegal) • mongoose, rats, dogs, feral cats, barn owls, black-crowned night herons • environmental contaminants (fuel and oil spills) • modification to wetland habitats for flood control or to provide municipal water sources • invasive plants including pickleweed, water hyacinth, and mangrove (reducing open water, mudflats, or shallows)
Hawaiian Coot 	• lowland wetland habitats with emergent plant growth interspersed with open water • freshwater and brackish ponds, agriculture and aquaculture ponds • generalists: feed on land, at the surface of the water, dive, and graze on grass adjacent to wetlands • omnivorous, eating seeds, leaves, snails, crustaceans, insects, tadpoles, and small fish	• nesting occurs year round, but is most frequent in between March and September • freshwater and brackish ponds, irrigation ditches, and taro fields • construct floating nests of aquatic vegetation, found in open water or anchored to emergent vegetation • nest initiation is tied to rainfall • breeding occurs December to March	• hunting (now illegal) • mongoose, rats, dogs, feral cats, barn owls, black-crowned night herons • modification to wetland habitats for flood control or to provide municipal water sources • invasive plants including pickleweed, water hyacinth, and mangrove (reducing open water, mudflats, or shallows) • population monitoring and basic life history research
Hawaiian Moorhen 	• variety of freshwater habitats • opportunistic feeders, diet varies with habitat, but includes algae, grass seeds, plant material, insects, mollusks, and snails • preferred habitat are interspersed dense (>30 contacts using the point intercept method) stands of robust emergent vegetation near open water, floating or barely emergent mats of vegetation, and water depths less than 3.3 feet	• nesting habitat restricted to areas with standing freshwater less than 24 in deep with dense emergent vegetation • nesting occurs year round, but the greatest activity occurs between March and August • nesting tied to water levels and the presence of appropriately dense vegetation • build platform nests in dense vegetation over water	• hunting (now illegal) • mongoose, rats, dogs, feral cats, barn owls, black-crowned night herons • and environmental contaminants (fuel and oil spills) • modification to wetland habitats for flood control or to provide municipal water sources • protect current populations, protect breeding habitats, establish additional populations
Hawaiian Duck 	• forage in a variety of freshwater habitats, including artificial wetlands; typically shallow water less than 5 in deep • move between breeding and feeding habitats • opportunistic feeders • eat mollusks, insects, snails, dragonfly larvae, earthworms, grass seeds, green algae, seeds/leaf parts of wetland plants, and other freshwater vegetation	• nesting is year-round, but the main breeding season is between January and May • nests on the ground near water, few nests found in areas frequented by humans or areas supporting mammalian predators • nests are lined with down • 2-10 eggs are laid, and the incubation period is likely less than 30 days • life span of 13-18 years	• hunting (now illegal) • mongoose, rats, dogs, feral cats, barn owls, black-crowned night herons • environmental contaminants (fuel and oil spills) • extremely vulnerable to non-native mammalian and avian predators • easily disturbed by human activities • hybridization with non-native mallards, especially a problem on O‘ahu • protecting coastal plain wetlands

Hawaiian Waterbird Breeding Periods and General Water Quality Requirements



Section II: Award Information

This Funding Opportunity Announcement is for a competed, potentially multiyear, Cooperative Agreement. The period of performance is twelve (12) months from the date of award with an additional three (3) 12-month Option Periods. Option Periods shall be awarded subject to the availability of funding. The total Project Cost Ceiling for the Base Period is \$62,727.00.

Announcement Issue Date: 17 March 2023

Application Due Date: 18 April 2023

Estimated Award Date: On or About 1 May 2023

Section III: Eligibility Information

1. Eligible Applicants – Open to all that meet the criteria of this announcement.
2. Cost Sharing – This action will be 100% funded by USACE.
3. Other Information – None noted.

Section IV: Application and Submission Information

1. Address to Request Application Package:

The complete Funding Opportunity Announcement, application forms, and instructions are available for download at Grants.gov. USACE is not responsible for any loss of internet connectivity or for an applicant's inability to access documents posted at the referenced website.

The administrative point of contact is the Grants Specialist, Casandra Hutchins, casandra.a.hutchins@usace.army.mil

2. Content and Form of Application Submission

All mandatory forms and any applicable optional forms must be completed in accordance with the instructions on the forms and the additional instructions below.

- a. SF 424 - Application for Federal Assistance
- b. SF 424 A – Budget Information for Non-construction Programs
- c. SF 424 B – Assurances – Non-Construction Programs
- d. Program Narrative – Brief program description illustrating applicant's ability to meet the goals and objectives described in Section VI Scope of Work of this announcement.

3. Application shall be submitted **NO LATER THAN 18 April 2023; 2:00 PM (Alaska Time)** via email or through Grants.gov.

4. Submission Instructions

Applications may be submitted by email or via the internet through Grants.gov. Choose ONE (1) of the following submission methods:

Via Email: Format all documents to print on Letter (8 ½ x 11") paper. E-mail proposal to the Grants Specialist, Casandra Hutchins, at casandra.a.hutchins@usace.army.mil

Via Grants.gov:

Applicants are not required to submit proposals through Grants.gov. However, if applications are submitted via the internet, applicants are responsible for ensuring that their Grants.gov proposal submission is received in its entirety and within the date and time required. The Government bears no responsibility for data errors resulting from transmission of conversion processes associated with electronic submissions. The Government will bear no responsibility for delays in submissions due to technical difficulties at or with the Grants.gov website. All applicants choosing to use Grants.gov to submit proposals must be registered and have an account with Grants.gov. ***It may take up to three (3) weeks to complete Grants.gov registration.*** For more information on registration, go to <http://www.grants.gov/ForApplicants>.

Section V: Application Review Information

Offer Submission Evaluation Criteria and Basis of Award

MANAGEMENT, SPECIES, NUISANCE WILDLIFE Bellows Air Force Station (BAFS), O'ahu, Hawaii

March 2023

The Government shall evaluate technical submissions in accordance with the criteria described herein and award a Cooperative Agreement to the responsible Offeror whose submission is determined to represent the best overall value to the Government. The Government will not award a Cooperative Agreement to an Offeror whose submission contains a deficiency.

The evaluation factors for this action are:

- Factor 1, 40%: Experience (most important factor)
- Factor 2, 35%: Technical Approach (2nd most important factor)
- Factor 3, 25%: Cost (3rd most important factor)

The Government will assign an adjective rating of Outstanding, Good, Acceptable, Marginal, or Unacceptable to each technical factor which reflects the Government's confidence in each offeror's ability, as demonstrated in its submission, to perform the requirements stated in the Statement of Work (SOW). The ratings shall be assigned, using the following criteria, which incorporate a submission risk assessment:

Weight	Adjectival Rating	Description
4	Outstanding	Submission indicates an exceptional approach and understanding of the requirements and contains multiple strengths.
3	Good	Submission indicates a thorough approach and understanding of the requirements and contains at least one (1) strength.
2	Acceptable	Submission indicates an adequate approach and understanding of the requirements.
1	Marginal	Submission has not demonstrated an adequate approach and understanding of the requirements or contains an element of risk.
0	Unacceptable	Submission does not meet requirements of the solicitation and, thus, contains one (1) or more deficiencies and is unawardable.

OFFER EVALUATION AND SELECTION CRITERIA

Each Offeror shall be evaluated in accordance with the selection criteria below. The selection criteria are listed in descending order of importance.

Factor 1 Experience

The Offeror shall demonstrate prior project experience relevant to the attached SOW, completed within the last five (5) years, and other qualifications and technical competence in all of the following areas:

1. Experience supporting Air Force Natural Resource Wildlife Management programs.
2. Experience assisting with nuisance wildlife monitoring, trapping, and management operations for the species identified in the SOW.
3. Experience and familiarity with native Hawaiian waterbirds and their habitats.

The Offeror shall provide examples of up to four (4) past projects of similar size, scope and complexity that best demonstrate the above qualifications. Submit projects that are at least 25% complete or were completed within the past five (5) years. The example project summaries shall be limited to one (1) page each. The example project summaries shall identify:

- Title/Subject
- Location
- Duration
- Brief description
- Roles and work self-performed
- Date project began and if completed
- Complexities or key accomplishments
- Client contact information

The Government will utilize the example project summaries to evaluate the capability and experience as a basis for comparing offerors to determine best value.

Factor 2 Technical Approach

The Offeror shall provide a brief narrative of their technical approach and a milestone schedule. The narrative shall be no more than two (2) pages per main task and must include:

- A discussion of the technical approach to accomplish the Statement of Work requirements, detailing number of hours anticipated to complete the project deliverables.
- A discussion of the quality assurance, quality control, and other technical activities that will be implemented to ensure that quality data is collected to support project data quality objectives.
- A discussion of applicable regulatory requirements and how project requirements will be implemented.
- A discussion of all assumptions.

The Offeror shall also provide an organizational chart with the proposed project team with defined roles, responsibilities, and lines of communication for all key personnel and sub-recipients.

The evaluation standard has been met when the Offeror demonstrates an understanding of the work that adequately addresses the requirements outlined in the SOW. The inclusion of numerous assumptions that significantly "assume away" Offeror risk with regard to major issues or problems that may be encountered on the project will be considered unacceptable.

Factor 3 Cost

Provide proposed cost to the government. Allowable costs incurred by institutions of higher education is determined in accordance with the provision of OMB Circular A-21, "Cost Principles for Educational Institutions," ONR negotiated rates, and institutional policies. OMB's cost principles are contained in 2 CFR 200.400-.475 et seq.

Cost is considered less important than non-cost factors and will be evaluated for fairness and reasonableness per OMB cost principles. If more than one (1) offer is rated as having equal non-cost factors, the lowest cost tender of the offers received would be granted as the preferred tender unless there are extraordinary reasons for not doing so.

Section VI: Award Administration Information

Reserved.

Section VII: Agency Contacts

Reserved.

Section VIII: Other Information

Reserved.

All questions or inquiries regarding this Funding Opportunity Announcement shall be directed to the agency contact(s) noted in Section IV.