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| Funding Agency: US Army Corps of Engineers, Alaska District 2204 3 rd street JBER, AK. 99506 | Funding Instrument: Cooperative Agreement Funding Opportunity No: POA-CESU-20-01 CFDA No: 12.632 Program Title: Legacy Resource Management Program, Sikes Act 670c-1 | | | | | | | | | | | | | | | | | | |
| Issue Date: 25 January 2020 | Application Due Date: 24 February 2020 | | | | | | | | | | | | | | | | | | |
| <p>Overview: POA-CESU 20-01 MANAGEMENT, SPECIES, HAWAIIAN PETREL & NEWELLS SHEARWATER, KOKE'E AIR FORCE STATION, KAUAI.</p> <ol style="list-style-type: none"> 1. Create Draft Work Plan. 2. Create Final Work Plan. 3. Koke'e AFS Installation Avian Surveys. 4. Koke'e AFS Installation Predator Control. 5. Off Site Predator Control. 6. Create Draft Project Summary Report. 7. Create Final Project Summary Report. 8. Remote Seabird Transportation Contingency. <p>See Scope of Work for detailed information.</p> <p>Period of Performance is: 18 months from date of award. This requirement may be modified to extend the period of performance by one additional year if these tasks are still required and acceptable performance has been met. This does not obligate the Government to extend this agreement.</p> | | | | | | | | | | | | | | | | | | | |
| Estimated Total Funding: \$158,310 | Anticipated Number of Awards: 1 | | | | | | | | | | | | | | | | | | |
| Contents of Full Text Announcement | | | | | | | | | | | | | | | | | | | |
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| <p>Contact Information: Questions that are related to Grants.gov including registration and system requirements should be directed to the Grants.gov contact center at 1-800-518-4726. For assistance with this funding Opportunity Announcement please contact Olen.R.Northern@usace.army.mil</p> | | | | | | | | | | | | | | | | | | | |

Instructions to Applicant: The complete Funding Opportunity Announcement, application forms and Instructions can be downloaded directly from Grants.gov.

Applications in response to this Funding Opportunity Announcement must be submitted by 2:00PM Alaska time, on the Application Due Date. Applications may be submitted by mail, e-mail, or via the internet through Grants.gov. Each applicant is responsible to ensure their application has been received timely.

Applicants will have a Dun and Bradstreet Data Universal Numbering System (DUNS) number, and registered

See section IV of the Funding Opportunity Announcement for complete application submission information.

Section I: Funding Opportunity Description

MANAGEMENT, SPECIES, HAWAIIAN PETREL & NEWELLS SHEARWATER, KOKE'E AIR FORCE STATION, KAUAI.

Section II: Award Information

Cooperative Agreement, \$158,310, 18 month period of performance with possibility of extension.

Section III: Eligibility Information

Eligible Applicants – CESU Hawaii, N&W Alaska, PNW, CA, and Colorado Plateau.

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 Olen Northern, (907) 753-2525, Olen.R.Northern@usace.army.mil and/or Kelly McFarlin, (907) 753-2879, Kelly.n.mcfarlin@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 I of the announcement.

Application shall be submitted NO LATER THAN 20 February 2020

3. Submission Instructions

Applications may be submitted via e-mail and, or the internet.

a. Internet:

Applicants are required to submit proposals through Grants.gov. Applicants are responsible for ensuring that their Grants.gov proposal submission is received in its entirety. 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 using Grants.gov to submit proposals must be registered and have an account with Grants.gov. It may take up to three weeks to complete Grants.gov registration. For more information on registration, go to <http://www.grants.gov/ForApplicants>.

b. E-mail:

If there is an issue with submission to Grants.gov, please contact the Corps at the email addresses below. Format all documents to print on Letter (8 ½ x 11”) paper. E-mail proposal to Olen.R.Northern@usace.army.mil and/or Kelly.n.mcfarlin@usace.army.mil

Section V: Application Review Information

1. Evaluation for Selection to receive consideration for award, the proposal must meet the requirements set forth in this FOA and be presented with adequate detail to assure the evaluator(s) have a good understanding of the proposed requirement(s). All proposals will be evaluated to determine the extent to which each offeror demonstrates a clear understanding of the requirements of the announcement, Scope of Work (SOW), and FOA.

The offeror shall submit a proposal that completely addresses all evaluation criteria and specifically identifies how each requirement will be satisfied. Technical proposal shall be no longer than 15-pages, font 12 (This page limitation is in addition to all required forms). All questions shall be submitted no later than 6 February 2020 at 2:00PM Alaska time.

2. Basis of Award: The selection decision will be based on the NFE offering the best overall value to the Government, with consideration given to all factors described below (weighted in descending order of importance). Proposals will not be ranked. The Government will not award a Cooperative Agreement to a grantee whose proposal contains a deficiency. The selection will not be based on lowest proposed cost, it will be based on an analysis of each criteria listed below. The proposal document shall be outlined as shown below.

STATEMENT OF WORK (SOW)
Seabird Monitoring at Koke'e Air Force Station, Kauai
USAF 611th Civil Engineer Squadron
AF Project #: VNMHA53207119 (MKPPOS68620)

Project Cost Ceiling: \$158,310

1.0 INTRODUCTION

This Statement of Work (SOW) provides the details of work to be performed for the 611th Civil Engineering Squadron (CES) through a cooperative agreement (CA) administered by the US Army Corps of Engineers, Alaska District (USACE) and the Cooperator. The Cooperator shall support the Pacific Air Forces Regional Support Center (PRSC), 611 Civil Engineer Squadron Natural Resources Program with completion of specific monitoring tasks relating to seabirds currently listed on the Federal Register of Endangered Species that occur in the vicinity of the Koke'e Air Force Station (KAFS). KAFS is located on the island of Kauai, State of Hawaii.

Projects provided 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 Cooperator services (to potentially include Non-Federal Entities) or work products. This CA shall not be used for performance of personal services. Any modifications to Cooperative Agreement activities as outlined by this SOW must be channeled through the Grants Officer's Technical Representative (GOTR) and Grants Officer (GO) prior to NFE implementation.

Non-federal entity (NFE) personnel shall also wear a distinctive NFE furnished security (ID) badge/lanyard readily identifying the individual as a NFE employee. The badge shall be worn in a conspicuous place at all times when performing work under the Cooperative Agreement including attendance at Government meetings and conferences that take place outside of the Government facility. NFE personnel shall identify themselves as an NFE employee when answering or placing calls on a Government telephone and when leaving outgoing or incoming messages on voice mail. Use of acronyms in this identification is insufficient to meet this requirement. All NFE email signatures shall identify them as such and will include their employer's name.

1.1 AUTHORITY

1.1.1 In accordance with the Sikes Act (Sec. 103A [16 USC 670c-1]) "the Secretary of a military department may enter into cooperative agreements with States, local governments, Indian Tribes, non-governmental organizations, and individuals..." This project is in support of the USFWS informal section 7 consultation and Biological Opinion (dated 14 Feb 2017) and the Integrated Natural Resources Management Plan (INRMP), as directed in the Sikes Act.

1.1.2 In agreement with the above stated goals, the Cooperator agrees to provide the necessary personnel, equipment, and materials required to implement, in part, the Pacific Air Forces

Regional Support Center’s responsibilities pursuant to the Sikes Act Improvement Act (16 USC 670 et seq.), and the Endangered Species Act (16 USC 1531 et seq.).

1.1.3 In accordance with section 6305 – Using cooperative agreements of the Federal Grant and Cooperative Agreements Act of 1977 (31 U.S.C. § 6301 et seq.), substantial involvement is expected and required between the Department of Defense (DOD) and the Cooperator when carrying out the activity contemplated by the cooperative agreement.

The 611 CES agrees to provide substantial involvement to include, but not limited to, the following:

- Provide review and comment on all written deliverables.
- Provide input, as needed, on study design, methodologies, and logistics.
- Provide selected Cooperator with access to existing federal equipment (purchased in prior years for this program) needed to complete the project.
- Assist with logistical support in gaining clearance and access for personnel to the installation
- Provide biosecurity consultation on proven methods for preventing the importation of invasive flora and fauna to the installation and surrounding area.
- Provide names and contact information for 3rd party non-federal entities (NFE) which have provided previous survey work of this nature at the installation.

2.0 BACKGROUND

The 611th CES is the real property owner of the Air Force Station on the Island of Kauai and is responsible to implement the terms and conditions detailed in the 14 Feb 2017 U.S. Fish & Wildlife Service (USFWS) Informal Section 7 consultation and Biological Opinion for the continuing operation of the Kokee Air Force Station. Through this project the award recipient will support the 611th CES and the personnel at the KAFS to complete the requirements set forth by the USFWS biological Opinion for the monitoring of the transient avian population and the implementation of non-native predator control as well as other related tasks as outlined below (section 4).

In 2017, the Section 7 (Informal) Consultation with the USFWS was completed and resulted in the issuance of a Biological Opinion (01EPIF00-2016-F-0497) from the USFWS that outlined the potential impacts to threatened and endangered seabirds of Hawaii from continuous daily and nightly operations at the installation (also referred to as the “proposed actions”). The Biological Opinion included a list of terms, conditions, and reasonable and prudent conservation measures to minimize impacts of incidental take on the listed seabirds at Kokee AFS, in addition to an incidental take statement for specific protected species. One of the preventative measures in the Biological Opinion called for the continued monitoring of seabirds to understand the level of impact caused by the installation.

In the 2015/2016 breeding season a series of incidents occurred that harmed, and/or led to the take of Newell’s shearwaters (*Puffinus newelli*) and Hawaiian petrels (*Pterodroma sandwichensis*), two birds protected under the Endangered Species Act. More than a dozen

Newell's shearwaters were inadvertently taken and more than 100 were injured. During the same series of "fallout" events, at least one Hawaiian petrel was taken. Many of the birds that grounded were adults and juveniles and needed rehabilitation interventions. These adult birds may not have been able to return to their nests during the 2015 breeding season, and as a result their chicks likely did not survive. Artificial lighting on the installation was suspected of being the causative agent as it has been shown to disorient these birds, causing them to either collide with the lights or circle the lights until exhaustion. Once grounded, the seabirds are unlikely to become airborne again and are subsequently killed by nonnative predators like cats and pigs. In response, the Air Force re-initiated consultation with the USFWS and agreed to reduce lighting at the facility that disorients the seabirds. The current Air Force procedures are expected to reduce the take of seabirds to approximately four birds per year. To offset these losses, the Air Force also agreed to fund predator control at existing nearby seabird colonies on Kauai.

In 2017, the 611 CES constructed a walking path light system, which was intended to replace the perimeter lighting system and is to be used during the months (approx. April- December) that adult and fledging seabirds are in the area of the installation. It is not fully determined how birds have reacted to the newly installed walking path lights and if they are less attractant than the previous lighting systems.

3.0 OBJECTIVES

All tasks associated with this Statement of Work have an avian and/or predator control focus and shall be conducted on the island of Kauai. The execution of this project assists the USAF towards compliance with the USFWS Biological Opinion and the subsequent remediation efforts related to island seabirds.

4.0 MAJOR REQUIREMENTS AND TASKS

The tasks, expected requirements, deliverables and associated support documents for these tasks are discussed below. The Cooperator will obtain all permits and approvals (if any) necessary to obtain site access and interact with federally listed ESA species. All deliverables related to this agreement will be referred to as a specific deliverable number; Section 5.0 outlines all project deliverables. The following are scope of work requirements:

4.1 Task 1: Draft Work Plan

A Draft Work Plan (Deliverable 1a) shall be created by the Cooperator displaying how and when the work will be completed over the course of the period of performance. Within the work plan, the Cooperator shall populate a Project Planning Chart (PPC) which details the project schedule and shall have a full breakdown of project costs and budget for each task. Dates of site visits to the installation to perform surveys and implementation of invasive species control efforts shall be narrowed down to specific calendar dates. The use of Gantt charts to depict project schedule is appropriate for the workplan. Deliverable submission dates shall also be depicted within the draft work plan. A list of employees, inclusive of their educational certificates and licenses shall also be portrayed in the work plan. Scientific support and rationale for the methods of choice for surveying birds and implementing invasive species control tasks shall be depicted in the work plan. An emphasis in the work plan shall be placed on locations of targeted predator control off

the installation. A map of targeted areas of invasive species control shall be included, such that the reader has an understanding as to where the control tasks will be implemented by the Cooperator. Trap visitation frequency shall be identified within the workplan and methods depicted in the work plan shall ensure animals do not remain in traps for extended periods of time. A Draft Work Plan shall be submitted to the government within 14 calendar days of date of task order award. The government shall be afforded a 14 calendar day review period and shall provide the Cooperator with comments to utilize for finalization of the document.

4.2 Task 2: Final Work Plan

The Cooperator shall utilize the government comments to make final edits and changes to the work plan. A response to each government comment shall be documented by the Cooperator within a response to comment matrix, which shall be submitted alongside the Final Work Plan (Deliverable 1b). The Cooperator shall populate a comment matrix which shall depict the Cooperator's written response to each government comment. The populated comment matrix in addition to a Final Work Plan addressing each comment, shall be submitted no later than 48 calendar days after award for 611th CES approval.

4.3 Task 3: Kokee AFS Installation Avian Surveys

The implementation of this task during the time periods of 1 April – 30 December shall assist the 611th CES with its understanding of if seabirds are present at the installation or if KAFS actions cause injury or harm to those attracted individuals. At minimum, three methods of seabird detection and surveillance shall be implemented from 1 April – 30 December in 2019 and may include, but is not limited to the following methods: night vision, thermal, avian radar, acoustic monitoring devices, wire vibration meters, ground cameras and/or installation walking surveys. The methods selected by the Cooperator to quantify seabird utilization in the air column above KAFS and or installation grounds shall be described thoroughly in a draft project summary report. The draft project summary report shall also depict the results of the monitoring during the 1 April – 30 December 2020 timeframe. In those instances when a bird is detected to have struck an installation structure of manmade origin, the draft summary project report shall detail possible causation for such seabird observation and each instance shall be mapped out to identify the location of discovery. Observations of birds striking buildings or birds discovered on site which may display evidence of injury due to strike should be segregated within the draft project summary report from observations of birds which fly over, but do not land or strike installation infrastructure. The total amount of time expended surveying for birds shall be quantified within the draft and final project summary reports. The Cooperator is responsible for taking all downed birds to the Save our Shearwaters (a NFE) designated drop point on the island of Kauai and additionally shall equip itself with the proper equipment to transport birds. The Cooperator will be allowed to use previously acquired materials associated with transporting such discovered birds to the Save Our Shearwaters program designated drop off sites.

4.4 Task 4: Kokee AFS Installation Predator Control

The Cooperator shall implement predator control measures for the reduction of feral cats and rats within the boundary fence and in the immediate area. The trapping efforts on Kokee AFS property will attempt to maintain feral cat and rat population levels of zero within the property boundary. Trap placement, bait type, and trapping intensity shall be based on the size of the installation. Trapping shall take place at minimum intermittently from 1 April to 30 December

2020 at and potentially within the installation boundary. This task shall require the Cooperator to secure access to the installation and maintain a trap log which identifies catch per unit effort (CPUE) and at minimum tracks the number of trap nights and hours, bait type, successful captures, unsuccessful captures, bait condition, and trap locations.

A summary of the trap log data shall be included in the draft and final project summary report. All trap locations shall be mapped and the Cooperator shall utilize a Global Positioning System (GPS) unit to record a position for each trap. Photographs of each trapped cat shall be included in the draft and final report and original images made available at full resolution on disc. The GPS records along with a map of all trap locations, shall be submitted within the draft and final project summary report. WGS 84 shall be used as the datum by the Cooperator when collecting information using handheld GPS.

4.5 Task 5: Off Site Predator Control

Kauai possesses multiple seabird colony sites where threatened and endangered seabirds (specifically the Hawaiian Petrel and Newell's Shearwater) utilize earthen burrows, crevices, or hollows to nest. This nesting behavior makes these species especially susceptible to the effects of nonnative predators (especially feral cats). The act of predator control is viewed by the biological community and conservation biologists as beneficial to improving seabird colony size and population resilience.

The Cooperator shall implement predator control actions at or adjacent to known colonies on the island of Kauai in order to improve seabird survival. The species to be targeted shall include rats, cats, feral dogs, pigs (where appropriate), and barn owls. This task shall require the Cooperator to maintain a trap log which tracks the number of trap nights, bait type, successful captures, unsuccessful captures, bait condition, and trap location. A summary of the trap log data shall be included in the draft and final project summary report. All trap locations shall be mapped and the Cooperator shall utilize a Global Positioning System (GPS) to record a position for each trap. The GPS records along with a map of all trap locations, shall be submitted within the draft and final project summary report. Photographs of each trapped animal shall be included in the draft and final report. The Cooperator is responsible for obtaining written permission or permit for land access and trapping actions on those parcels which are not managed by the 611th CES.

4.6 Task 6: Off-Site Seabird Monitoring

Predator control is an integral part of this proposal and will, in part, protect, endangered seabird colonies outside of the Kokee AFS area. These colonies are located on steep and mainly inaccessible (to humans) ridges and so the effectiveness of predator control in these areas (which is undertaken at the top or bottom of the valleys) cannot be assessed through traditional means of burrow monitoring. Seabird monitoring staff will deploy song meters (from a helicopter) at static locations used in previous years within the colonies where predator control operations are being carried out. Units will be deployed in May and recovered in early August, collecting data from the peak vocal period of June and July. Call rates will then be compared with call rates from previous years surveys (the results of which have been published in previous reports between 2012 and 2019) to assess whether call rates are the same, have increased or decreased. As call rates are directly related to the number of breeding birds on the ground, a change in call rates can be used to assess breeding numbers of birds in these areas. A change in breeding

numbers can thus be used to infer how effective predator control in these areas is being.

4.7 Task 7: Draft Project Summary Report

Results from the execution of Tasks 3-5 shall be summarized within a draft project summary report (**Deliverable 2a**). Avian information shall be segregated from invasive species trapping results within the report. A summary of avian observations and cats trapped shall be included, in addition to the net level of effort expended. The net effort expended to complete the tasks shall be quantified in hours and this net effort shall be included in the report. Hours shall be separated out amongst task 3, 4, and 5. Detailed descriptions of the methodologies used to complete tasks 3-5 shall be included in the draft project summary report and must follow accepted best practices established by the research community for the monitoring of these fauna. In writing all reports, the Cooperator shall use the “instructions for authors” and document formatting style required by the Journal of Wildlife Management as a template. At minimum the draft report shall include the following headings: Abstract, Introduction, Study Area, Methods, Results, Discussion, Management Implications, Acknowledgments, and Literature Cited. The Cooperator shall identify the 611th CES as the responsible party for funding the project within the Acknowledgments section. The draft project summary report shall be submitted to the government no later than 15 January 2021. The Cooperator shall grant the government 14 calendar days to review the draft summary report.

4.8 Task 8: Final Project Summary Report

The government shall expend 14 calendar days reviewing the draft project summary report and issue comments to the Cooperator to address upon closure of the 14 calendar review period. The Cooperator shall create a response to each comment and create a response to comment matrix. The matrix or spreadsheet should depict each government comment as well as the Cooperator’s response to each of those comments. After completing the responses, the Cooperator shall use the matrix to make appropriate changes to the draft project summary report in order to create a final product. The Final Project Summary Report and populated response to comment matrix (**Deliverable 2b**) shall be submitted to the 611th CES no later than 21 February 2021.

5.0 REPORTS, DELIVERABLES, and SCHEDULE

5.1 Draft work plan

Created by the Cooperator displaying how and when the work will be completed over the course of the period of performance and shall include a budget breakdown (see Task 4.1). Draft Work Plan shall be submitted to the government within 14 calendar days of date of task order award.

5.2 Final work plan

Utilizing AF comments, Cooperator shall make final edits and changes to the work plan (see Task 4.2). Final Work Plan addressing each comment, shall be submitted no later than 48 calendar days after award.

5.3 Monthly Progress Reports

The Cooperator shall submit Monthly Progress Reports summarizing activities to the USACE Project Manager and AF Technical POC. Monthly progress reports will include

assessment and investigation activities, any significant occurrences (bird strikes, etc.), and anticipated work for the following month. These reports will be in writing.

5.4 Draft Project Summary Report

The draft project summary report (see task 4.6) shall be submitted to the government no later than 15 January 2021.

5.5 Final Project Summary Report

The Final Project Summary Report (see task 4.7) and populated response to comment matrix shall be submitted to the 611th CES no later than 21 February 2021.

5.6 Deliverable Schedule:

| Deliverable | also listed as: | Completion Date |
|------------------------------|------------------------|---------------------------------------|
| Draft work plan | Deliverable 1A | 14 days after award |
| Final work plan | Deliverable 1B | 48 days after award |
| Monthly Progress Reports | | monthly after acceptance of work plan |
| Draft Project Summary Report | Deliverable 2A | Wednesday, January 15, 2021 |
| Final Project Summary Report | Deliverable 2B | Friday, February 21, 2021 |

6.0 LOGISTICS

6.1 The Cooperator will work with the USAF 611 CES Natural Resources team on Joint Base Pearl Harbor – Hickam (JBPHH), Oahu to execute this project. The 611 CES team on JBPHH will serve as the logistics point of contact, and specifically the 611 CES Natural Resources Program Manager/ Installation Biologist will be the technical reviewer of deliverables. The field work associated with this scope of work is intended to be carried out by qualified staff on the island of Kauai; this scope of work is not intended to fund billeting, meals and per diem. The 611 CES Biologist will identify in advance the name and email of the security POC who will process the Cooperator’s site visit requests. The Cooperator shall submit requested personnel information for those parties who would visit the installation, and the issuance of site clearance is contingent upon approval of the USAF. The USAF reserves the right to refuse entry to any personnel onto Air Force property at any time.

6.2 Materials and equipment

6.2.1 This agreement does not include the purchase of supplies needed to conduct the field work and observations. The Cooperator may utilize existing AF equipment previously secured for this on-going monitoring effort (night vision goggles, etc.). All AF equipment shall be returned upon completion of the period of performance. Field equipment may be left on site if the project is planned to continue in subsequent years with the express approval of the AF POC.

6.2.2 If additional equipment is deemed necessary based on the methodologies utilized, it is the responsibility of the Cooperator in securing that equipment and the 611 CES shall be provided the no cost opportunity to retain any supplies and equipment purchased for this project.

6.2.3 The Cooperator is responsible for all transportation costs associated with the project, inclusive of equipment shipment, vehicle rental, and any other transportation costs required to fulfill this Scope of Work.

7.0 GIS REQUIREMENTS

The project surveys and associated deliverables require the need for GIS data to be collected and submitted. The following guidance is provided for completing environmental GIS data development or performing GPS surveys and inventories of environmental data. No geospatial data may be shared without the express written approval of the USAF.

The AF Environmental Geographic Information System (GIS) mission is to support AF wide environmental programs by collecting, developing, and maintaining spatial data within Functional Data Sets (FDS). FDS spatial data has been standardized to the Spatial Data Standards for Facilities, Infrastructure and Environment (SDSFIE) 3.1, Air Force Adaptation. All products associated with this contract that generate GIS data, such as GPS data collection (i.e. vegetation removal areas, fuel storage tanks, hazardous waste accumulation points, natural resources, cultural resources, environmental remediation, etc.) or other related overhead (plan views of Kokee AFS (partial or entire) and off-site predator control areas must adhere to the following requirements.

- The Cooperator will develop GIS data to comply with all applicable Data Layer Specifications (DLS). The Cooperator shall provide final ArcGIS shapefiles for all spatial data collected.
- The Contractor will utilize the appropriate SDSFIE USAF compliant template. The appropriate template will be transmitted to the Cooperator through AMRDEC-SAFE (<https://safe.amrdec.army.mil/safe/About.aspx>) or other equivalent secure network based data transmission system following award.
- The contractor is responsible for delivering the spatial data in the applicable Universal Transverse Mercator (UTM) coordinate system, World Geodetic System 1984 (WGS84) datum and spheroid which for Kauai, HI is UTM Zone 4 North.
- Prior to generating GIS data, the Cooperator shall coordinate with 611 CES to determine the current version being used for all software, data, and data standards.
- All metadata associated with the Air Force Environmental GIS Program data layers must meet the Federal Geographic Data Committee (FGDC) Content Standard for Geospatial Metadata (GSDGM), revised in June 1998. Metadata must also include all content stated in the metadata section of each Data Layer Specification (DLS).
- GIS data generated during this project is considered by the government to be “sensitive, but unclassified.” The intent of this clause is to prevent intentional or unintentional dissemination of “sensitive, but unclassified” information to include unauthorized access to the source and product data by any entity wishing to do harm to the USAF or United States Government while the data resides on the Cooperator 's computer network. The Cooperator is responsible for transmitting all GIS data in the proper format via DoDSAFE (<https://safe.apps.mil/>) or

other equivalent secure network based data transmission system. GIS data transfers may also be via DVD.

8.0 COMMUNICATIONS

8.1 Data ownership

All reports and data generated under this contract are the property of the government and distribution by the Cooperator to any source, unless previously authorized by the 611 CES, is prohibited.

8.2 Media contact

The Cooperator shall not make available to the news media or publicly disclose any data generated or reviewed under this contract. If approached by the news media, the Cooperator shall refer them to the AF Technical POC for response.

8.3 Scientific Publications

The 611 CES supports the utilization of these data in the furtherance of science. However, the Cooperator is advised that the government, as owner of the data, reserves the right to review the Cooperator's proposed publications and approve or deny publication of data collected subject to the provisions of the Freedom of Information Act (FOIA). As such, all data produced as a result of project work is accessible to the public unless specifically exempted under FOIA due to personal privacy, national security, and/or law enforcement. In the event the Cooperator wishes to publish findings in the scientific literature (or other venue) which utilizes field data from this award, the Cooperator agrees to share a draft version of the publication with the 611 CES point of contact prior to submitting any documents for publication. The 611 CES POC will share the document with the 11th AF Public Affairs Office. The AF shall then review the document and return comments and written permissions (if approved) 30 days after a submission request.

8.4 Required Immediate Contact

The Cooperator is required to notify the AF Technical POC and the USACE Project Manager of critical issues that may affect the project performance and/or human health and the environment. The types of issues that require notification include, but are not limited to, health risks, spills, bird strikes, unusual inclement weather conditions, unacceptable materials, and changes in critical personnel. On critical issues, oral notification should be made immediately, followed by written notification as soon as practical.

8.4.1 The Cooperator is required to immediately notify the 611 CES point of contact and the local AF personnel at the installation in the event of a known bird strike or the discovery of any downed bird at KAFS. This information will be relayed to USFWS by the AF. Notification shall be by telephone and email for each occurrence, and shall be made within two hours of discovery. The area surrounding KAFS has limited cellular coverage and poor communications available to the public. In addition to their notifications, the Cooperator may request that an email be sent via KAFS personnel to ensure rapid notification.

9.0 PERIOD OF PERFORMANCE

The period of performance is 18 months from date of award.

10.0 POINT OF CONTACT

The POC for USACE Project Management is Charis Cooper. Cooperative Agreement questions should be addressed to the Grants Officer, Olen Northern. Correspondence should be addressed as follows:

Charis Cooper
U.S. Army Corps of Engineers
Environmental & Special Projects Branch
ATTN: CEPOA-EC-EE
P.O. Box 6898
JBER, AK 99506-0898
Phone: (907) 753-5692
Email: charis.a.cooper@usace.army.mil

Olen Northern
U.S. Army Corps of Engineers
Contracting Division
ATTN: CEPOA-CT
P.O. Box 6898
JBER, AK 99506-0898
Phone: (907) 753-2525
Email: Olen.R.Northern@usace.army.mil

The USAF Technical POC is Paul Brown. Routine correspondence should be via email when appropriate.

Paul Brown
Dillon.Brown.1@us.af.mil
808-449-0573
U.S. Air Force 611 CES/CEIE
Joint Base Pearl Harbor-Hickam
Honolulu, HI 96853

Proposal Submission Evaluation Criteria and Basis of Award
MANAGEMENT, SPECIES, HAWAIIAN PETREL & NEWELLS SHEARWATER
KOKE'E AIR FORCE STATION, KAUAI
USAF 611TH CIVIL ENGINEER SQUADRON

The Government will evaluate technical proposals in accordance with the criteria described herein and award a Cooperative Agreement task order to the responsible grantee whose proposal is determined to represent the best overall value to the Government. Proposals will not be ranked. The Government will not award a Cooperative Agreement to a grantee whose proposal contains a deficiency.

The evaluation factors for this action are:

- Factor 1, 40%: Experience (most important technical factor)
- Factor 2, 35%: Technical Approach (2nd most important technical factor)
- Factor 3, 25%: Cost (reviewed after the technical package for fairness and reasonableness, and weighted against the totality of the technical factors)

After listing proposal strengths, weaknesses and deficiencies, 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 proposal, to perform the requirements stated in the grant. The adjectival ratings shall be assigned, using the following criteria, which incorporate a proposal risk assessment:

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

PROPOSAL AND SELECTION CRITERIA

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

Factor 1 Experience

The Cooperator shall demonstrate prior project experience relevant to the attached SOW, completed within 5 years of the RFP, and other qualifications and technical competence in all of the following areas:

1. Experience supporting conservation and protection of natural resources and fish and wildlife resources on military installations and performing invasive species eradication and/or control.
2. At least 2 years of previous experience with the genus *Puffinus* and the family Procellariidae
3. At least 2 years of experience controlling feral cats, pigs, and invasive owls using traps or other approved methods.
4. Planning and managing time critical work, performing studies, projects or preparing plans or reports in accordance with applicable guidance and regulations.

The Cooperator 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 seven (7) 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 Cooperator shall provide a brief narrative of their technical approach and a milestone schedule. The narrative shall be no more than 1 page per main task and must include:

- A discussion of the technical approach to accomplish the performance work statement 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 are 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 Cooperator 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-cooperators.

Field technicians must be already located on the island of Kauai (this scope of work does not support billeting, meals and or per diem).

The evaluation standard has been met when the Cooperator demonstrates an understanding of the work that adequately addresses the task order requirements. The inclusion of numerous assumptions that significantly “assume away” Cooperator 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 proposal are rated as having equal non-cost factors, the lowest cost tender of the proposals received would be granted as the preferred tender unless there are extraordinary reasons for not doing so.

Lease vs. Buy Evaluation Factors

The NFE shall provide a cost analysis for Lease vs. Buy factors. The following factors shall be considered at a minimum, and shall contain numerical values where applicable.

| Factors | Lease | Buy |
|--|--------------|------------|
| Estimated Period of Use/Extent of Use | | |
| Financial Advantages | | |
| Cumulative Rental Payments for Estimated Time Period | | |
| Transportation and Installation Costs | | |
| Maintenance & Other Service Costs | | |
| Potential Obsolescence of equipment due to imminent technological improvements | | |
| Availability of Purchase Options | | |
| Potential for Use by other Agencies after preliminary use has ended | | |
| Trade-in or Salvage Value | | |
| Imputed Interest | | |
| Can the equipment be serviced by the government or other sources if it is purchased? | | |
| Total Cost: | | |

| Factors | Lease | Buy |
|--|--------------|------------|
| Estimated Period of Use/Extent of Use | | |
| Financial Advantages | | |
| Cumulative Rental Payments for Estimated Time Period | | |
| Transportation and Installation Costs | | |
| Maintenance & Other Service Costs | | |
| Potential Obsolescence of equipment due to imminent technological improvements | | |
| Availability of Purchase Options | | |
| Potential for Use by other Agencies after preliminary use has ended | | |
| Trade-in or Salvage Value | | |
| Imputed Interest | | |
| Can the equipment be serviced by the government or other sources if it is purchased? | | |
| Total Cost: | | |

Project Past Performance

| | |
|--|--|
| Project Name, | |
| Project Location: | |
| Contract or Cooperative Agreement #: | |
| Size (Value): | |
| Technical Complexity: | |
| Technical Team Utilized: | |
| Point of Contact(s): Provide Email and phone number | |