

Funding Agency: US Army Corps of Engineers, Alaska District 2204 3 rd street JBER, AK. 99506	Funding Instrument: Cooperative Agreement Funding Opportunity No: POA52AF-CESU-18-05 CFDA No: 12.632 Program Title: Legacy Resource Management Program, Sikes Act 670c-1
Issue Date: 8 August 2018	Application Due Date: 7 September 2018

Overview: POA52AF-CESU 18-05 MANAGEMENT, INVASIVE VEGITATION WAKE ISLAND AIRFIELD.

1. **Invasive Vegetation Clearing Environmental Assessment.**
2. **Work Plan.**
3. **Wake Island Invasive Vegetation Clearing Implementation.**
4. **Native Vegetation Out - Planting.**
5. **Field Summary Report.**

See Scope of Work for detailed information.

Period of Performance is: Eighteen (18) months from date of award.

Estimated Total Funding: \$600,000	Anticipated Number of Awards: 1
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Contents of Full Text Announcement

I. Funding Opportunity Description	1. Project description, objectives & background
II. Award Information	2. Project Tasks and Requirements
III. Eligibility Information	3. Supplies and Materials
IV. Application Information	4. Notification Requirements
V. Application Review Information	5. Logistics & Site Access
	6. GIS requirements
	7. Deliverables
	8. Project Communication
	9. Monthly Progress Reports
	10. Period of Performance
	11. Points of Contact

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

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

POA52AF-CESU 18-05 MANAGEMENT, INVASIVE VEGETATION WAKE ISLAND AIRFIELD.

Section II: Award Information

Cooperative Agreement, \$600,000, 18 month period of performance.

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.

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 7-SEPTEMBER-2018

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

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 20 March 2018 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.

Proposal Submission Evaluation Criteria and Basis of Award

MANAGEMENT-INVASIVE SPECIES

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 of natural resources on installations, sustainable multipurpose use of the resources on installations, implementation of biosecurity practices, and invasive species eradication and/or control.
- (2) Support for U.S. Air Force natural resource programs.
- (3) Planning and managing time critical work, rehabilitating natural resources, performing studies, projects or plans in accordance with applicable guidance and regulations.
- (4) Recent experience performing work on remote tropical atolls.

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 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 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.

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 2 CFR 200.400-.475 and 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.

SCOPE OF WORK
MANAGEMENT, INVASIVE SPECIES VEGETATION
WAKE ISLAND AIRFIELD
AUGUST 2018

Total Project Cost Ceiling: \$600,000

1.0 INTRODUCTION

This project will support the Pacific Air Forces Regional Support Center (PRSC), 611 Civil Engineer Squadron (CES), Natural Resources Program with the development of an environmental assessment that evaluates various means of physically removing a large area of invasive vegetation (mostly Ironwood trees, *Casuarina equisetifolia*) on Wake Island. The cooperators shall also develop a work plan based off of the outcome of National Environmental Policy Act (NEPA) documentation and implement that work plan accordingly.

The Wake Island Airfield (WIA) Sikes Act approved Integrated Natural Resources Management Plan (INRMP) defines ‘wildlife management’ as “manipulation of the environment and wildlife populations to produce desired objectives”. Habitat management may be performed in a manner that enhances biodiversity through the re-establishment of native habitats. Habitat management may also include decreasing the abundance of certain wildlife species (such as invasive species) to reduce animal damage to infrastructure, or to minimize the threat to human health and safety from a situation such as an aircraft bird strike.

Well thought-out wildlife planning and habitat management should attempt to deter animals from foraging or roosting in risk zones, such as those adjacent to airfields where they would be in opposition to USAF missions, or where they present a risk to human safety or practices. Habitat management actions include attracting wildlife to areas away from hazardous or heavily utilized mission-related areas, and protecting threatened and endangered species through habitat conservation at selected locations on Air Force installations.

The execution of this “Management, Invasive Species, Vegetation” project will assist the Air Force in achieving its WI INRMP goal number 2: employing a systematic approach to managing wildlife resources, using a process that includes inventory, monitoring, modeling, management, planning and assessment.

1.1 Background

The PRSC manages a remote airfield approximately 2,300 miles southwest from Honolulu and 1,600 miles east of Guam. The installation functions in support of contingency deployments, serves as an emergency landing facility, provides fuel storage, and supports the needs of the Department of Defense (DoD). A 1962 Executive Order 11048 designated the Secretary of the Interior responsible for all executive, legislative, and judicial authority necessary for the administration of the atoll. The civil administration of the atoll was then handed to the US Air Force through a 1972 Memoranda of Agreement between the Department of the Air Force and the Department of the Interior. To this day the PRSC manages the atoll according to the terms and conditions of that 1972 Agreement, with one new caveat – the establishment of the surrounding waters of the Pacific Remote Islands Marine National Monument (PRIMNM), which authority is delegated to the Department of Interior (DOI) and managed by the DOI as a unit of the US National Wildlife Refuge System.

During the execution of this project, the Cooperator shall furnish the personnel, expertise, services, equipment, tools, materials, required transportation, management and other requirements necessary for, or incidental to, the performance of work set forth herein; assure any and all program and/or project related costing information (regardless of its stage in development) is secured, and be responsible for safeguarding proprietary, classified, and other sensitive information.

2.0 MAJOR REQUIREMENTS AND TASKS

2.1 Project Objectives

This SOW details the tasks which shall be implemented and accomplished during the period of performance. The project objectives consist of:

- 1) Planning aspects such as providing the 611 CES, Natural Resources Program with an environmental assessment (EA) of conducting a vegetation clearing of Ironwood trees on Wake Island, as well as comprehensive work plan that executes the outcome of the EA;
- 2) Field execution components of carrying out the vegetation clearing on Wake;
- 3) Field execution of out-planting native vegetation where clearing will take place;
- 4) Post vegetation clearing documentation, reporting and preparation of Geographic Information Systems (GIS) files in accordance with AFCEC GIS standards

This project includes field excursions to WIA for no less than fifteen days at a time; the Cooperator shall deem how many scientist and field personnel should deploy for these field requirements (including the vegetation clearing component). The cooperator shall consider the use of sub-contractors for portions of the work statement that may require expertise with heavy machinery. Below is an image of Wake atoll. The 611 CES, Natural Resources Team will host a task order/project kick off meeting to further discuss expectations, schedules, and Deliverables.



2.2 Task 1 - INVASIVE VEGETATION CLEARING ENVIRONMENTAL ASSESSMENT

The Preliminary Draft Environmental Assessment (**Deliverable A**) will require a reconnaissance trip to WIA. During this site visit the cooperator will collect all field related data to develop and write an environmental assessment (EA) in accordance with 40 CFR 1508.9 that will evaluate the clearing of a large area of invasive vegetation (primarily Ironwood trees). At a minimum the EA should address the following questions:

- What is the most efficient method(s) for conducting a large scale vegetation clearing on Wake Island proper?
- What is the safest method for conducting a large scale vegetation clearing on Wake Island proper?
- What resources on Wake will need to be protected from a large scale vegetation clearing on Wake Island?

The “Wake Island Invasive Vegetation Clearing Preliminary Draft EA” (**Deliverable A**) shall be submitted to the 611 CES, Natural Resource Program Manager within 210 calendar days from the date of award. Cooperator shall keep in mind that the site visit to Wake Island must occur before **Deliverable A** may be developed. The cooperator shall anticipate this site visit reconnaissance trip to consist of no less than 15 days in the field. The government will be allotted a 30 day review of **Deliverable A**, comments will be provided to the cooperator on a comment response matrix. The preliminary EA shall include the list of permits required to conduct this vegetation clearing on Wake Island proper (both Air Force permits and federal permits, state permits are not required).

The Wake Island invasive vegetation clearing **Draft EA** shall address the comments received from the government within the provided comment response matrix (**Deliverable A1**) and update the document to the “Wake Island Invasive Vegetation Clearing Draft EA” (**Deliverable A2**) accordingly. **Deliverable A2** shall be provided to the 611 CES, Natural Resource Program Manager within 15 calendar days of receiving the government comments. The Deliverable A2 shall be reviewed by the PRSC legal counsel for compliance with 32 Code of Federal Regulations (CFR) - National Defense, Part 989 – Environmental Impact Analysis Process (EIAP).

The Wake Island invasive vegetation clearing **Final EA** shall address the comments received from the government within the provided comment response matrix (**Deliverable A3**) and update the Wake Island invasive vegetation clearing **Final EA** (**Deliverable A4**) accordingly. **Deliverable A4** shall be provided to the 611 CES, Natural Resource Program Manager within 15 calendar days of receiving the government comments. **Deliverable A4** will require the appropriate public dissemination of the document, which will include an announcement with the Office of Environmental Quality Council (OEQC), and announcement in the Honolulu Star

Advertiser. Comments on the public “Final EA” document will be received on a comment response matrix, the cooperators will respond to each comment on the matrix and will update the “Final EA” document accordingly, and this will be considered **Deliverable A5**.

The cooperators shall take any public comments received during the review of Deliverable 5 and prepare a final response to comment matrix sheet (**Deliverable A6**). The cooperators will determine in conjunction with the 611 CES, Natural Resource Project Manager whether a FONSI is the appropriate next step within the National Environmental Policy Act (NEPA) process. If it is deemed appropriate for the next step to be the development of a FONSI, the cooperators will prepare for AF signature, a FONSI notification (**Deliverable A7**) for the PRSC Commander to sign. The cooperators will ensure that all submittals under this PWS are in accordance with the aforementioned NEPA regulations, any deviations will require the approval of both the 611 CES, Natural Resources Project Manager and the Grants Officer or representative. The cooperators shall utilize the Final Environmental Assessment as a supporting document when deciding where and how to remove vegetation on Wake Island, in addition identifying the best methods for revegetation such cleared areas with native flora from the atoll.

2.3 Task 2 - WORK PLAN

The **Work Plan (Deliverable B)** shall display how, where and when major project tasks will be completed over the course of the period of performance (18 months from award). The content within the workplan shall help a reader understand how proposed clearing will be conducted and how such cleared areas will be revegetated with native flora from the atoll. All actions discussed and portrayed shall be in harmony with the preferred alternative(s) within the Final Environmental Assessment. The cooperators shall populate a Project Planning Chart (PPC) or Gantt chart within the draft work plan which shall illustrate the project schedule. A list of all project staff, inclusive of any sub-contract efforts involved in this invasive vegetation clearing project shall be portrayed in this Work Plan. Draft maps of proposed clear areas shall be included, as well as the strategy for removing vegetation from the depicted polygon(s). The Work Plan shall also include a section that discusses how the out-planting will occur after the vegetation clearing. The out-plant section is to include at least one figure or drawing showing the layout of the future out-planting.

The Work Plan shall also outline the requirements to be included in any necessary sub-agreements with the WIA Base Operating Support (BOS) contractor or other sub-contractor. Should the cooperators deem a sub-agreement to be necessary; it is recommended that the following items be included in such sub-agreement: logistical support for the movement of any cargo to and from Wake, billeting and meals while on Wake, rental of a BOS contractor truck, vehicle or heavy equipment and a maintenance package for one government-owned Kawasaki Mule (i.e. new tires, fluids check, and replacement of any needed belts). If needed the cooperators shall utilize this sub-agreement with the BOS contractor for obtaining base access to Joint Base Pearl Harbor Hickam (JBPHH) to meet with 611 CES, Natural Resources Program staff and to get to the Air Force terminal for all outgoing flights to WIA. WIA does have some protected fauna under the Migratory Bird Treaty Act (MBTA), however there are no documented

threatened or endangered species on Wake proper.

Government comments on the **Draft Work Plan**, will grant the 611 CES, Natural Resources Team, the ability to help ensure efficient project implementation and execution is viable, as well help the project stay on schedule. The cooperater shall submit the **Draft Work Plan (Deliverable B)** within 30 days of **Deliverable A7**. The 611 CES, will have 15 days to review and provide comments on the Draft Work Plan. These comments will be provided to the cooperater in a comment matrix, which the cooperater will respond to in the comment matrix and submit back to the 611 CES with the Final Work Plan.

The cooperater shall utilize the government comments to make edits and changes to the **Final Work Plan (Deliverable B1)**. A response to each government comment shall be documented by the cooperater within a response to comment matrix which shall be submitted alongside the Final Work Plan (**Deliverable B1**) within 15 calendar days from the day the government comments were received. Additionally, the **Final Work Plan** will include a list of supplies, and materials needed to accomplish the work and their associated cost, including any anticipated sub-agreement costs. The cooperater shall submit a **Final Work Plan** with accompanying populated response to comment matrix and the list of supplies within the timeframe provided in the Deliverable schedule.

2.4 Task 3 - WAKE ISLAND INVASIVE VEGETATION CLEARING IMPLEMENTATION

The Final EA will highlight the most appropriate methods and areas where clearing shall take place on Wake Atoll. There is potential the EA will identify prescribed fire, heavy equipment, herbicide treatments, or an eclectic mix of the previously mentioned methods. Using the EA's preferred alternative(s) for clearing and peer review published literature the cooperater shall utilize efficient techniques to remove invasive vegetation from Wake Island. This task will include the field deployment and execution of the Wake Island large scale invasive vegetation clearing in accordance with the Final EA and Final Work Plan. The area selected for clearing shall be not be oversized to the extent by which is cannot be out-planted or seeding properly. Any field deviation from the Final EA, or Final Work Plan is required to be cleared and approved by the 611 CES, Natural Resources Project Manager, the WI Commander and the on island BOS contractor Fire Chief. Any permits identified in the Final EA must be obtained by the cooperater before any treatment or clearing efforts begin. GIS shall be used to map the locations of any fire or herbicide treatments, seeding, and outplanting. Any herbicide used during the course of the project must be applied by a state approved applicator. The "forestry category" is an appropriate level of certification for the typical methods used for treating ironwood.

2.5 Task 4 - NATIVE VEGETATION OUT-PLANTING

This task involves the out-planting, or seeding of native plants, or a combination of such techniques. The cooperater shall utilize native species for outplanting or seeding within the areas cleared as specified in the Final Work Plan. This task will require the cooperater to utilize the Wake Island Native Nursery to rear plants for out-planting or to stage cutting or seed. The USAF shall provide the cooperater a shaded nursery area with a hose supply of water. Other materials for rearing young plants are the requirement of the cooperater. All plants utilized for this task

will come from the on-island nursery. Each seedling, sapling, or cutting that is placed within the cleared area is to be marked with a GPS unit and said data shall be submitted within the Final Field Summary Report. Only species approved in the Final Work Plan are allowed to be outplanted in the cleared area. The perimeters of each area outplanted or seeded area shall also be included in the final GIS Deliverable.

2.6 Task 5 - FIELD SUMMARY REPORT

Upon completion of field duties, the cooperator shall take information collected over the course of the project and develop a **Draft Field Summary Report (Deliverable C)**. At a minimum the report shall include: (1) maps of the areas cleared of vegetation (or treated with herbicide or a combination of treatments), (2) maps of any areas treated with prescribed fire, maps of any areas not treated by prescribed burn or herbicide due to restrictions discussed in the Final EA, (3) discussion of the total land area(s) treated by the prescribed burn and cleared with equipment and not burned, (4) pictures of all stages of the field activities, herbicide applicator licenses, (5) photos of EPA labels for all herbicides used, (6) text describing the personal protection equipment used for all field activities and (7) field related mishap documentation. Descriptions of the field conditions inclusive of precipitation, wind, cloud cover, and humidity for each day of field work shall also be included in the Draft Field Summary Report. The cooperator shall create text in this report which describes how the project could be executed more efficiently if enacted again in the future. Any observations of non-target exposure to any other species (plants or animals) shall also be reported and photographed, and displayed in this draft report. The **Draft Field Summary Report (Deliverable C)** shall be submitted to the government within 485 calendar days of task order award. The government shall be afforded a 15 calendar day review period.

The cooperator shall utilize the government comments to make final edits and changes to the draft project summary report, making it a **Final Field Summary Report (Deliverable C1)**. 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 Project Summary Report. The cooperator shall submit a Final Field Summary report with accompanying populated response to comment matrix within 15 calendar days of receiving the government comments. GIS shape files or meta data used to make maps within the report may be submitted digitally alongside this **Final Field Summary Report (Deliverable C1)**. GIS mapping restrictions and submittal requirements are detailed in Section 6.0 of this SOW.

3.0 SUPPLIES AND MATERIALS

All supplies and materials required to complete the PWS must be purchased by the cooperator, and the 611 CES will be provided the opportunity to retain all supplies and equipment purchased for this project. Shipping of any materials necessary for the project shall be done so at the cost of the cooperator and will be done via barge or air cargo movements to Wake Island, the airlift Customer Identification Code (CIC) that will be obtained by the cooperator will be utilized for air cargo shipping payments. The government reserves the right to take possession of all supplies used during this project, if it so requests after completion of all tasks. This reservation does not relieve the cooperator from demobilization and clean up after completion of tasks and site visits. The USAF shall provide the cooperator a nursery space with shade and hose water during this

period of performance, however it will be the responsibility of the cooperator to provide any additional supplies to manage the nursery to produce the needed number of plants for the area(s) proposed for clearing.

4.0 NOTIFICATION REQUIREMENTS

The cooperator is required to notify the Installation POC and /or USACE Project Manager of critical issues that may affect 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, unexpected utility crossings, unusual weather conditions, unacceptable materials, changes in critical personnel, and Unexploded Ordinance (UXO). On critical issues, oral notification should be made immediately, followed by written notification as soon as practical.

The cooperator is not authorized to contact the US Fish & Wildlife Service, the Environmental Protection Agency or the National Oceanic Atmospheric Administration without the written permission of the 611 CES, Natural Resources Project Manager related to this project.

5.0 LOGISTICS AND SITE ACCESS

The 611 CES, Project Manager will support the cooperator in securing travel approval to and from WIA provided that the cooperator and all field staff have appropriate identification and documentation (i.e. passports). All persons wishing to be granted access to Wake Island will obtain Entry Authorizations and Travel Orders (also referred to as Letter of Introduction) from the 611 CES, Natural Resources Project Manager and Wake Island, Detachment Commander.

Also, the cooperator must work with the 611 CES Natural Resources Project Manager and BOS contractor to coordinate on other general matters. Examples of the offices/departments that the cooperator shall coordinate activities with include, but are not limited to:

Transportation	Planning
Police/Security/Safety Office	Utilities
Hazardous Materials Operations	Permitting (dig permits)
Fire Department	Pass and Identification
Environmental	Facility Management
Base Civil Engineer	Cultural Resources
Public Works	Field Operations
Local and State Regulators	Federal Regulators
Off Site Emergency Facilities	Communications
Local Reuse Authority	

The cooperator will be required to make arrangements for the use of a vehicle while on Wake Island. The 611 CES Project Manager will provide the point of contact for this arrangement. For

proposal purposes the cooperator should utilize local Hawaii car rental rates for a baseline cost for vehicle rentals on Wake. The cooperator does not need to make billeting arrangements, these will be automatic arranged by the base operating support contractor. There is no cellular phone service available on Wake, internet accessibility is also limited, and the cooperator shall plan accordingly. All flights to WIA depart from the JBPHH terminal building. The cooperator will ensure proper access to JBPHH has been arranged well in advance of the flight departure, this may require up to eight weeks of processing time by the JBPHH security office (if the cooperators do not have Federal ID Assess cards).

6.0 GIS REQUIREMENTS

This PWS and its associated Deliverable may 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:

- The cooperator will develop GIS data to comply with the applicable Data Layer Specifications provided on the Environmental GIS eDASH page.
- The cooperator will utilize the SDSFIE 3.1 USAF compliant template provided on the Environmental GIS eDASH page.
- The cooperator is responsible for delivering the spatial data in the applicable Universal Transverse Mercator (UTM) coordinate system, World Geodetic System 1984 (WFS84) datum and spheroid according to the attached list.
- The cooperator will coordinate with the Environmental GIS Analyst to determine the current version being used for all software, data and data standards.

If additional questions arise or more information is required, the cooperator should coordinate with the Environmental GIS Analyst. Any GIS data submitted in association with this PWS will be referred to as **Deliverable D**. GIS data will be transmitted to the government via the file transfer site: <https://safe.amrdec.army.mil/SAFE/>.

Deliverable D is due to the government Within 15 calendar days of receiving government comments on Deliverable C. Follow the link below to access eDASH. A Department of Defense Common Access Card (CAC) will be required to access data. Your installation POC may need to provide the required documents if the cooperator does not have a CAC. <https://cs2.eis.af.mil/sites/10621/GIS/>

7.0 DELIVERABLES AND SCHEDULE

Deliverable Number	Deliverable Title	Submission Schedule
Deliverable A	-Preliminary Draft Environmental Assessment	Within 210 calendar days of Task Order award

Deliverable A1	- Preliminary Draft Environmental Assessment, Response to Comments Matrix	Within 15 calendar days of receiving government comments on Deliverable A
Deliverable A2	- Draft Environmental Assessment	Within 30 calendar days of receiving government comments on Deliverable A
Deliverable A3	- Draft Environmental Assessment, Response to Comments Matrix	Within 15 calendar days of receiving government comments on Deliverable A2
Deliverable A4	- Final Environmental Assessment	Within 30 calendar days of receiving government comments on Deliverable A2
Deliverable A5	-Final Environmental Assessment, Response to Public Comments	Within 15 calendar days of receiving public comments
Deliverable A6	-Updated Final Environmental Assessment	Within 30 calendar days of receiving public comments
Deliverable A7	-Potential FONSI (if deemed appropriate)	Within 30 calendar days of receiving public comment
Deliverable B	- Draft Work Plan	Within 300 calendar days of Task Order award
Deliverable B2	- Response to Comments on Draft Work Plan and Final Work Plan	Within 30 calendar days of receiving government comments
Deliverable C	- Draft Field Summary Report	Within 60 calendar days of returning from the field
Deliverable C1	- Response to Comments on Draft Field Summary Report and Final Field Summary Report	Within 15 calendar days of receiving government comments on Deliverable C
Deliverable D	- GIS files	Within 15 calendar days of receiving government comments on Deliverable C

7.1 Project Communication

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

The cooperator shall not make available to the news media or publicly disclose any data generated or reviewed under this agreement. When approached by the news media, the cooperator shall refer them to the CO for response. Project reports and data generated under this agreement shall become the property of the government and distribution to any other source by the cooperator is prohibited.

In the event the cooperator decides to publish findings which utilize field data from this award, the cooperator agrees to share a draft version of the publication with the 611 CES project manager prior to submitting to a journal body. The government 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.

7.2 Monthly Progress Reports

The Cooperator shall provide monthly project status reports (email) to the USACE Project Manager and USAF POC. Monthly progress reports will include activities completed and anticipated work for the following month.

8.0 PERIOD OF PERFORMANCE

The Period of Performance for this project is 18 months from the date of award.

9.0 POINTS OF CONTACT

The POC for USACE Project Management is Charis Cooper. Cooperative Agreement questions should be addressed to 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
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Compete POA-CESU-18-05
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 AIRFIELD.

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