

NOTICE OF FUNDING OPPORTUNITY



DEPARTMENT OF DEFENSE (DoD)

Legacy Project#: Nature Based Solutions (NBS) - Project Cherry Point-23 (\$500,000.00)
Project Title: US Marine Corps, Marine Corps Air Station Cherry Point, North Carolina;
Developing a Regional Framework Using Sediment as a Nature Based Solution to Improve the
Resilience of Coastal Habitat

Legacy Project #: NBS Yuma-23 (\$270,000.00)
Project Title: US Marine Corps, Marine Corps Air Station, (MCAS) Yuma, Arizona; Regenerative
Grazing for Water Infiltration and Carbon Sequestration

Legacy Project #: NBS Fallbrook-23 (\$500,000.00)
Project Title: Navy, Detachment Fallbrook, California; Creek Stabilization and Erosion Control
Demonstration Project at Fallbrook

Announcement Type: Initial Announcement
Funding Opportunity Number: HQ003423NFOEASD14

Assistance Listing Number: 12.632

Anticipated Funding Purpose:

The DoD has identified climate change as a critical national security issue, threat multiplier, and top management challenge. The 2021 DoD Climate Adaptation Plan (CAP) lays out a framework to ensure the Department maintains the ability to operate under changing climate conditions, preserving operational capability, and enhancing the natural and man-made systems essential for success. This solicitation specifically targets project nominations that address the DoD CAP, Line of Effort Number 3: Resilient Built and Natural Infrastructure.

DoD has allocated \$1,270,000.00 funding which is intended for installation planning, project design, and implementation of Nature Based Solutions (NBS) to increase the resilience of DoD built or natural infrastructure, or to address climate-driven risks to natural or cultural resources. Project nominations should clearly state installation climate resilience issues and risks, and how the NBS project will address those issues, increase installation resilience, and provide benefits to the DoD. Furthermore, NBS comprise a wide range of innovative activities that can vary greatly in their application. Proposed implementation projects must include aspects of demonstration or validation of NBS that would inform broader DoD application and adoption.

Key Dates: This announcement will be open to receive an application until the time included in Section IV, “Application and Submission Information.”

Agency Contact:

All questions should be directed via e-mail to the following contacts:

Email: michael.j.fanizzo.civ@mail.mil; diane.r.clarke.civ@mail.mil;

DoD Technical Points of Contact:

- Grants Officer: Michael Fanizzo Jr., email: Michael.j.fanizzo.civ@mail.mil
- Grants Specialist: Diane Clarke, email: diane.r.clarke.civ@mail.mil
- Program Manager: Elizabeth Galli-Noble, email: elizabeth.j.galli-noble.civ@mail.mil
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- Program Contractor Support: McKenna McMahon, email: mckenna.n.mcmahon.ctr@mail.mil

I. Program Description

A. Short Description of Funding Opportunity

Office of the Under Secretary of Defense seeks an application for a cooperative agreement from the EA Engineering, Science and Technology, Inc., PBC in support of awarding funding for three Legacy projects for the Legacy Installation Climate Resilience project. Project 1, at MCAS Cherry Point entitled Developing a Regional Framework Using Nature-based Solutions to Improve the Resilience of Coastal Habitat; Project 2, Climate Resilience project at MCAS Yuma entitled Regenerative Grazing for Water Infiltration and Carbon Sequestration to develop projects which sequester carbon and improve habitat using nature-based solutions ; and Project 3, Fallbrook Creek Stabilization and Erosion Control Demonstration Project to develop projects which improve coastal resilience using nature-based solutions.

B. Background

Background for Project Title: NBS Cherry Point-23:

Marine Corps Air Station Cherry Point (MCAS CP) has an ongoing need to restore and conserve coastal habitats which are being impacted by accelerated sea level rise and a changing climate. As such, this project will develop a regional approach using sediment and living shoreline type concepts as nature-based solutions to improve coastal resilience on federal lands important to mission success of MCAS CP within the Neuse River/Pamlico Sound region. With the underlying premise that sediment can be used to improve the position of marsh habitat and shorelines that are being eroded or submerged due to a changing climate and sea level rise; this project intends to match resilience needs of MCAS Cherry Point, U.S. Fish and Wildlife Service (USFWS) Cedar Island National Wildlife Refuges (NWR), and other federal partners (i.e. National Park Service (NPS), U.S. Army Corp of Engineers (USACE) Wilmington District, etc.) with available sediment associated with dredge projects. The project will also help reduce the costly occurrence of sediment being transported out of region and being disposed in upland and offshore facilities. Sediment is currently barged past MCAS CP coastal marshes for disposal, and these low-lying marshes could benefit from sediment nourishment to ensure they don't

convert to open water due to accelerated sea level rise.

Background /Project Title: NBS Yuma-23.

US Marine Corps, Marine Corps Air Station Yuma, Arizona; Regenerative Grazing for Water Infiltration and Carbon Sequestration

The “Regenerative Grazing for Water Infiltration and Carbon Sequestration” project at Marine Corps Air Station (MCAS) Yuma, Arizona, will support the Department of Navy mission by enhancing soil water infiltration and sequestering carbon across field scale (hundreds of acres). This project will serve as broader example of how natural infrastructure supports DoD mission resilience and demonstrate the potential for DoD to manage lands for sequestering carbon, water infiltration, and other resiliency co-benefits in the Desert Southwest. This regenerative grazing pilot project will demonstrate and quantify the effects of grazing on soil and ecosystem health on MCAS Yuma rangeland.

Background for Project Title: NBS Fallbrook-23.

Navy, Detachment Fallbrook, California; Creek Stabilization and Erosion Control Demonstration Project at Fallbrook

The DoD manages the world's largest specialized real property inventory with more than 485,612 facilities (buildings and structures), located on over 4,860 sites worldwide covering over 25.7 million acres (OSD, 2022). Most of these facilities are critical to the military mission. Many of these installations are also on lands subject to inundation during extreme precipitation events and erosional forces that threaten infrastructure and assets. Detachment Fallbrook is in a region already subject to precipitation extremes such as consecutive years of drought and peak rain years characterized by flooding, mudslides, sinkholes, and erosion. Climate projections are expected to exacerbate the frequency and intensity of these events. The goal of this project is to assess threats of accelerated erosion in key areas for mission sustainment and sensitive resources, seek opportunities to improve the buffering capacity of the hydrological system, and design and test resiliency measures to address this climate change-related vulnerability. Projected future conditions at Detachment Fallbrook include storms of greater frequency, magnitude, and duration - all exacerbating natural erosional processes across the landscape that will threaten critical mission infrastructure and important natural and cultural resources, as well as reduce overall ecosystem resiliency and the carbon sequestering capacity of the soils.

C. Program Description/Objective:

Project Title: NBS Cherry Point-23

This project will allow MCAS Cherry Point to improve coastal resilience using nature-based solutions, which will benefit DoD and other Military Services by providing a framework on how to beneficially use sediment coupled with other nature-based solutions to improve coastal resilience at a regional level. See NBS Cherry Point-23 attached Scope of Work for specific information on the anticipated effort.

Project Title: NBS Yuma-23

The goal of this project is to use regenerative grazing practices to enhance soil carbon content, water infiltration, and biodiversity on approximately 1500 acres of MCAS Yuma land near the airfield. The project will enhance resilience and serve as a case study for how DoD and other partners can address environmental threats (e.g. drought, dust, wildfire) in similar arid locations. Installation personnel and Army Corps of Engineers' Engineer Research and Development Center (ERDC) scientists visited the proposed project site in September 2022 to evaluate the opportunity for regenerative grazing. The proposed tasks, schedules, and deliverables reflect recommendations from several joint meetings with installation staff, natural resource managers, and grazing experts. See NBS Yums-23 attached Scope of Work for specific information on the anticipated effort.

Project Title: NBS Fallbrook-23

This demonstration project will assess threats of accelerated erosion and the feasibility of erosion control projects in key areas for mission sustainment and sensitive resources and seek opportunities to improve the buffering capacity of the hydrological system. The project will design at least two types of erosion control projects to protect natural and built infrastructure, with an emphasis on Fallbrook Creek, such as (1) streambank stabilization and the reduction of sediment load to receiving waters via vegetative methods, natural fibers, the use of rocks in conjunction with vegetation, or other appropriate methods; and (2) riparian buffer strips using vegetative methods and/or natural fibers or other appropriate treatments.

The suite of erosion control actions will be designed to stabilize the system from current degradative forces as well as buffer the system's capacity for increased resiliency during future extreme events. Site-specific objectives include reducing surficial water flow and stream velocities, increasing groundwater recharge and water retention capacity of the soil, promoting native flora and enhancing riparian buffers, reducing sediment loads into receiving waters and protecting infrastructure and important resources. See NBS Fallbrook - 23 attached Scope of Work for specific information on the anticipated effort.

D. Authorization

The authorization to make awards under this funding opportunity may be found via the Assistance Listing Number 12.632 on <https://www.sam.gov>.

E. Legal Requirements

The grant awarded under this announcement will be governed by the general terms and conditions in effect at the time of the award that conform to DoD's implementation of OMB guidance applicable to financial assistance in 2 CFR 200, "Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards," as implemented by 2 CFR 1100. Additionally, the requirements of the DoD Grant and Agreement Regulations at 32 CFR Subchapter C are applicable to this grant. These terms and conditions are incorporated by reference in this announcement.

II. Federal Award Information

The following information applies to awards issued under this announcement:

Single Award Anticipated: This announcement will result in a sole-source award to EA Engineering, Science, and Technology, Inc., PBC.

Anticipated Period of Performance: The period of performance (POP) is anticipated to run through 15 August 2023 – 14 August 2024.

Instrument Type:

The type of funding instrument selected by the government is planned to be a cooperative agreement assistance agreement. Award type and funding arrangements are at the discretion of the government. Collaborations or sub-awards with different entities are allowable. The government reserves the right to accept only portions of an application and to negotiate potential awards.

III. Eligibility Information

A. Eligible Applicants

This requirement is to be negotiated exclusively with EA Engineering, Science and Technology, Inc., PBC for an assistance award. The applicant must be registered in the System for Award Management (SAM) before submission of applications. Information on SAM registration is available at <https://sam.gov/content/entity-registration>. The applicant must provide a valid unique entity identifier on their application. The applicant must continue to maintain an active SAM registration with current information at all times during which it has an active Federal award or an application or plan under consideration by a federal awarding agency. Washington Headquarters Services (WHS) may not make a federal award to the applicant until the applicant has complied with all applicable unique entity identifier and SAM requirements.

Disclosures of current and pending support made in this application may render an applicant ineligible for funding. Prior to award and throughout the period of performance, DoD may continue to request updated continuing and pending support information, which will be reviewed and may result in discontinuation of funding.

B. Cost Sharing or Matching

Cost Sharing is not required.

C. Conflict of Interest

The organization must disclose any potential or actual scientific or nonscientific conflict of interest(s) and must also disclose any potential or actual conflict(s) of interest for any identified sub recipient included in the application. The Government may follow-up with questions.

Depending on the circumstances, the Government may request a conflict of interest mitigation

plan. The plan must be approved by the Government. Conflicts of interest which are unable to be mitigated will deem the applicant ineligible for award.

D. Other

a) Licensure or Certification

The proposal must include the Acknowledgment of Support and Disclaimer on all materials created or produced under the awards. This language may be found in the Terms and Conditions included in the award documents.

i. Certifications, representations, and assurances

1. To apply for grants and other funding opportunities the applicant entity must have an active registration in the System for Award Management (SAM). Registration in SAM now includes the acceptance of Certifications and Assurances. See <https://www.grants.gov/web/grants/grantors/grantor-standard-language.html> for details on how to register in SAM, and Grants.gov
2. The Federal Assistance Certifications Report is an attestation that the entity will abide by the requirements of the various laws and regulations; therefore, as applicable, you are still required to submit any documentation, including the SF-LLL Disclosure of Lobbying Activities (if applicable), and informing DoD of unpaid delinquent tax liability or a felony conviction under any Federal law.

Any attachment containing additional certifications should be prefaced by the following statement:

“By checking “I Agree” on the SF-424 Block 21 you agree to abide by the following statement: “By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)”

A list of required certifications and representations not found in SAM are available at Attachment B.

IV. Application and Submission Information

A. Submission Date and Time:

DoD will only accept applications submitted on or before August 3, 2023. The application must be submitted via grants.gov. Read the instructions in

<https://www.grants.gov/web/grants/grantors/grantor-standard-language.html> about registering to apply for DoD funds. If the applicant experiences difficulties with their submission, Grants.gov provides support via the toll-free number 1-800-518-4726 and email at support@grants.gov. This ticket number will allow the DoD to verify the issue if it cannot be resolved by the application date.

B. Application Procedures and Requirements

Organizations must have a Unique Entity Identifier (UEI), active System for Award Management (SAM) registration, and Grants.gov account to apply for grants. Please see <https://www.grants.gov/web/grants/grantors/grantor-standard-language.html> for details on how to go through this process.

C. Application Withdrawal:

An applicant may withdraw an application at any time before award by written notice or by email. Notice of withdrawal shall be sent to the grants officer identified in this announcement. Withdrawals are effective upon receipt of notice by the grants officer.

D. Intergovernmental Review

Not Applicable.

E. Content and Form of Submission:

See <https://www.grants.gov/web/grants/grantors/grantor-standard-language.html> for information on how to complete the application using Workspace on Grants.gov.

Common formatting requirements across all submitted documents

- Font shall be: Times New Roman, 12 point
- Margins shall be 1 inch on all sides
- Paper size shall be 8 ½ by 11.
- Documentation submitted under this NFO are expected to be unclassified; classified applications are not permitted.
- All documents must be submitted in PDF format.
- All submissions will be protected from unauthorized disclosure in accordance with applicable law and DoD regulations. The applicant must appropriately mark each page of their submission that contains proprietary information.

F. Component-specific requirements.

a) Application Requirements:

- Mark your application with the announcement number;
- Provide the following:

Attachments to Required forms (See Attachment A1 for detailed instructions on filling out the SF-424 Forms for DoD grants)

The below chart specifies which forms and attachments are required and specifies the maximum page lengths for attachments to be submitted along with the completed form.

Required Forms
SF424 Mandatory Form (V3.0)
Assurances for Non-construction Programs (SF-424B) (V1.1)
Budget Information for Non-construction Programs (SF-424A) (V1.0)
Disclosure of Lobbying Activities (SF-LLL) (V2.0)
Project Abstract Summary (V2.0) (Suggested length no more than two pages)
Project Narrative Attachment Form (V1.2) (Suggested length no more than 20 pages)

Additional content requirements

- ☐ The Project Narrative Attachment Form should include: A concise summary of the schedule of activities and milestones should be included in table or bullet-list form. Because the date of award may change at time of application, we recommend a “month 1,” “month 2,” format, as opposed to naming specific months and dates.
- ☐ Anticipated sub-awards and contract requirements.

G. Funding Restrictions

Per 2 CFR § 200.216, funds may not be used to procure telecommunications equipment or video surveillance services or equipment produced by:

- Huawei Technologies Company,
- ZTE Corporation Hytera Communications Corporation,
- Hangzhou Hikvision Digital Technology Company,
- Dahua Technology Company
- any subsidiary or affiliate of such entities

Funding Restrictions: DoD will only fund salary, fringe benefits and indirect costs on awards under the announcement. Funds from an award may not be used to attain fee or profit.

V. Application Review Information

A. Selection Criteria

The standards identified in 32 CFR 22.415 will be used to assess the recipient’s qualifications.

B. Review and Selection Process:

Employees of commercial firms under contract to the Government may be used to administratively process applications. By submitting an application, the applicant consents to

allowing access to its application(s) by support contractors. These support contracts include nondisclosure agreements prohibiting their contractor employees from disclosing any information submitted by applicants.

The government will conduct reviews of the technical proposal as well as conduct a budget review and a risk review as directed by 2 CFR 200.206. This will include a review of the Federal Awardee Performance and Integrity Information System (FAPIIS). The applicant may review information in FAPIIS and comment on any information entered into that system. Comments made by applicants will be taken into account in addition to other information in considering applicants' integrity, business ethics, and record of performance. At the time of application, there is no additional material to be submitted for this review. However, there may be additional requests for clarification as these reviews progress.

C. Anticipated Announcement and Federal Award Dates:

Decisions are expected to be announced via email. Award is expected by 14 August.

VI. Federal Award Administration Information

A. FEDERAL AWARD NOTICES

The government will notify the recipient of the award via email. The notification e-mail regarding a selection is not authorization to commit or expend DoD funds. A DoD grants officer is the only person authorized to obligate and approve the use of Federal funds. This authorization is in the form of a signed Notice of Award. After selection but prior to award, the government may request additional information. This may include representations and certifications, revised budgets or budget explanations, or other information as applicable to the proposed award. The award start date will be determined after successfully coordinating all pre-award requirements.

B. NATIONAL POLICY REQUIREMENTS (NP)

NP Article I. Nondiscrimination national policy requirements. (December 2014)

Section A. Cross-cutting nondiscrimination requirements. By signing this award or accepting funds under this award, you assure that you will comply with applicable provisions of the national policies prohibiting discrimination:

1. On the basis of race, color, or national origin, in Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d et seq.), as implemented by Department of Defense (DoD) regulations at 32 CFR part 195.
2. On the basis of gender, blindness, or visual impairment, in Title IX of the Education Amendments of 1972 (20 U.S.C. 1681 et seq.), as implemented by DoD regulations at 32 CFR part 196.
3. On the basis of age, in the Age Discrimination Act of 1975 (42 U.S.C. 6101 et seq.), as implemented by Department of Health and Human Services regulations at 45 CFR part 90.
4. On the basis of disability, in the Rehabilitation Act of 1973 (29 U.S.C. 794), as implemented by Department of Justice regulations at 28 CFR part 41 and DoD regulations at

32 CFR part 56.

5. On the basis of disability in the Architectural Barriers Act of 1968 (42 U.S.C. 4151 et seq.) related to physically handicapped persons' ready access to, and use of, buildings and facilities for which Federal funds are used in design, construction, or alteration.

Section B. [Reserved]

Appendix B to Part 1122—Terms and Conditions for NP Article II, “Environmental National Policy Requirements”

NP Article II. Environmental national policy requirements. (December 2014)

Section A. Cross-cutting environmental requirements. You must:

1. You must comply with all applicable Federal environmental laws and regulations. The laws and regulations identified in this section are not intended to be a complete list.
2. Comply with applicable provisions of the Clean Air Act (42 U.S.C. 7401, et seq.) and Clean Water Act (33 U.S.C. 1251, et seq.).
3. Comply with applicable provisions of the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. 4821–4846), as implemented by the Department of Housing and Urban Development at 24 CFR part 35. The requirements concern lead-based paint in buildings owned by the Federal Government or housing receiving Federal assistance.
 - a. Immediately identify to us, as the Federal awarding agency, any potential impact that you find this award may have on: The quality of the “human environment”, as defined in 40 CFR 1508.14, including wetlands; and provide any help we may need to comply with the National Environmental Policy Act (NEPA, at 42 U.S.C. 4321 et seq.), the regulations at 40 CFR 1500–1508, and E.O. 12114, if applicable; and assist us to prepare Environmental Impact Statements or other environmental documentation. In such cases, you may take no action that will have an environmental impact (*e.g.*, physical disturbance of a site such as breaking of ground) or limit the choice of reasonable alternatives to the proposed action until we provide written notification of Federal compliance with NEPA or E.O. 12114.
 - b. Flood-prone areas and provide any help we may need to comply with the National Flood Insurance Act of 1968, as amended by the Flood Disaster Protection Act of 1973 (42 U.S.C. 4001 et seq.), which require flood insurance, when available, for federally assisted construction or acquisition in flood-prone areas.
 - c. A land or water use or natural resource of a coastal zone that is part of a federally approved State coastal zone management plan and provide any help we may need to comply with the Coastal Zone Management Act of 1972 (16 U.S.C. 1451, et seq.) including preparation of a Federal agency Coastal Consistency Determination.

d. Coastal barriers along the Atlantic and Gulf coasts and Great Lakes' shores and provide help we may need to comply with the Coastal Barrier Resources Act (16 U.S.C. 3501 et seq.), concerning preservation of barrier resources.

e. Any existing or proposed component of the National Wild and Scenic Rivers system and provide any help we may need to comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. 1271 et seq.).

f. Underground sources of drinking water in areas that have an aquifer that is the sole or principal drinking water source and in wellhead protection areas, and provide any help we may need to comply with the Safe Drinking Water Act (42 U.S.C. 300f et seq.).

4. You must comply fully with the Endangered Species Act of 1973, as amended (ESA, at 16 U.S.C. 1531 et seq.), and implementing regulations of the Departments of the Interior (50 CFR parts 10–24) and Commerce (50 CFR parts 217–227). You also must provide any help we may need in complying with the consultation requirements of ESA section 7 (16 U.S.C. 1536) applicable to Federal agencies or any regulatory authorization we may need based on the award of this grant. This is not in lieu of responsibilities you have to comply with provisions of the Act that apply directly to you as a U.S. entity, independent of receiving this award.

5. You must fully comply with the Marine Mammal Protection Act of 1972, as amended (MMPA, at 16 U.S.C. 1361 et seq.) and provide any assistance we may need in obtaining any required MMPA permit based on an award of this grant.

Section B. [Reserved]

Appendix C to Part 1122—Terms and Conditions for NP Article III, “National Policy

Requirements Concerning Live Organisms”

NP Article III. National policy requirements concerning live organisms. (December 2014)

Section A. Cross-cutting requirements concerning live organisms.

1. Human subjects.

a. You must protect the rights and welfare of individuals who participate as human subjects in research under this award and comply with the requirements at 32 CFR part 219, DoD Instruction (DoDI) 3216.02, 10 U.S.C. 980, and when applicable, Food and Drug Administration (FDA) regulations.

b. You must not begin performance of research involving human subjects, also known as human subjects research (HSR), that is covered under 32 CFR part 219, or that meets exemption criteria under 32 CFR 219.101(b), until you receive a formal notification of approval from a DoD Human Research Protection Official (HRPO). Approval to perform HSR under this award is received after the HRPO has performed a review of your

documentation of planned HSR activities and has officially furnished a concurrence with your determination as presented in the documentation.

c. In order for the HRPO to accomplish this concurrence review, you must provide sufficient documentation to enable his or her assessment as follows:

i. If the HSR meets an exemption criterion under 32 CFR 219.101(b), the documentation must include a citation of the exemption category under 32 CFR 219.101(b) and a rationale statement.

ii. If your activity is determined as “non-exempt research involving human subjects”, the documentation must include:

(A) Assurance of Compliance (*i.e.*, Department of Health and Human Services Office for Human Research Protections (OHRP) Federal wide Assurance (FWA)) appropriate for the scope of work or program plan; and

(B) Institutional Review Board (IRB) approval, as well as all documentation reviewed by the IRB to make their determination.

d. The HRPO retains final judgment on what activities constitute HSR, whether an exempt category applies, whether the risk determination is appropriate, and whether the planned HSR activities comply with the requirements in paragraph 1.a of this section.

e. You must notify the HRPO immediately of any suspensions or terminations of the Assurance of Compliance.

f. DoD staff, consultants, and advisory groups may independently review and inspect your research and research procedures involving human subjects and, based on such findings, DoD may prohibit research that presents unacceptable hazards or otherwise fails to comply with DoD requirements.

g. Definitions for terms used in paragraph 1 of this article are found in DoDI 3216.02.

2. *Animals.*

a. Prior to initiating any animal work under the award, you must:

i. Register your research, development, test, and evaluation or training facility with the Secretary of Agriculture in accordance with 7 U.S.C. 2136 and 9 CFR 2.30, unless otherwise exempt from this requirement by meeting the conditions in 7 U.S.C. 2136 and 9 CFR parts 1–4 for the duration of the activity.

ii. Have your proposed animal use approved in accordance with Department of Defense Instruction (DoDI) 3216.01, Use of Animals in DoD Programs by a DoD Component Headquarters Oversight Office.

iii. Furnish evidence of such registration and approval to the grants officer.

b. You must make the animals on which the research is being conducted, and all premises, facilities, vehicles, equipment, and records that support animal care and use available during business hours and at other times mutually agreeable to you, the United States Department of Agriculture Office of Animal and Plant Health Inspection Service (USDA/APHIS) representative, personnel representing the DoD component oversight offices, as well as the grants officer, to ascertain that you are compliant with 7 U.S.C. 2131 et seq., 9 CFR parts 1–4, and DoDI 3216.01.

c. Your care and use of animals must conform with the pertinent laws of the United States, regulations of the Department of Agriculture, and regulations, policies, and procedures of the Department of Defense (see 7 U.S.C. 2131 et seq., 9 CFR parts 1–4, and DoDI 3216.01).

d. You must acquire animals in accordance with DoDI 3216.01.

3. *Use of Remedies.*

Failure to comply with the applicable requirements in paragraphs 1–2 of this section may result in the DoD Component's use of remedies, *e.g.*, wholly or partially terminating or suspending the award, temporarily withholding payment under the award pending correction of the deficiency, or disallowing all or part of the cost of the activity or action (including the federal share and any required cost sharing or matching) that is not in compliance. See OAR Article III.

Section B. [Reserved]

Appendix D to Part 1122—Terms and Conditions for NP Article IV, “Other National Policy Requirements”

NP Article IV. Other National Policy Requirements. (December 2014)

Section A. Cross-cutting requirements.

1. ***Debarment and suspension.*** You must comply with requirements regarding debarment and suspension in Subpart C of 2 CFR part 180, as adopted by DoD at 2 CFR part 1125. This includes requirements concerning your principals under this award, as well as requirements concerning your procurement transactions and subawards that are implemented in PROC Articles I through III and SUB Article II.

2. ***Drug-free workplace.*** You must comply with drug-free workplace requirements in Subpart B of 2 CFR part 26, which is the DoD implementation of 41 U.S.C. chapter 81, “Drug-Free Workplace.”

3. ***Lobbying.***

- a. You must comply with the restrictions on lobbying in 31 U.S.C. 1352, as implemented by DoD at 32 CFR part 28, and submit all disclosures required by that statute and regulation.
 - b. You must comply with the prohibition in 18 U.S.C. 1913 on the use of Federal funds, absent express Congressional authorization, to pay directly or indirectly for any service, advertisement or other written matter, telephone communication, or other device intended to influence at any time a Member of Congress or official of any government concerning any legislation, law, policy, appropriation, or ratification.
 - c. If you are a nonprofit organization described in section 501(c)(4) of title 26, United States Code (the Internal Revenue Code of 1968), you may not engage in lobbying activities as defined in the Lobbying Disclosure Act of 1995 (2 U.S.C., chapter 26). If we determine that you have engaged in lobbying activities, we will cease all payments to you under this and other awards and terminate the awards unilaterally for material failure to comply with the award terms and conditions.
4. ***Officials not to benefit.*** You must comply with the requirement that no member of Congress shall be admitted to any share or part of this award, or to any benefit arising from it, in accordance with 41 U.S.C. 6306.
5. ***Hatch Act.*** If applicable, you must comply with the provisions of the Hatch Act (5 U.S.C. 1501–1508) concerning political activities of certain State and local government employees, as implemented by the Office of Personnel Management at 5 CFR part 151, which limits political activity of employees or officers of State or local governments whose employment is connected to an activity financed in whole or part with Federal funds.
6. ***Native American graves protection and repatriation.*** If you control or possess Native American remains and associated funerary objects, you must comply with the requirements of 43 CFR part 10, the Department of the Interior implementation of the Native American Graves Protection and Repatriation Act of 1990 (25 U.S.C., chapter 32).
7. ***Fly America Act.*** You must comply with the International Air Transportation Fair Competitive Practices Act of 1974 (49 U.S.C. 40118), commonly referred to as the “Fly America Act,” and implementing regulations at 41 CFR 301–10.131 through 301–10.143. The law and regulations require that U.S. Government financed international air travel of passengers and transportation of personal effects or property must use a U.S. Flag air carrier or be performed under a cost sharing arrangement with a U.S. carrier, if such service is available.
8. ***Use of United States-flag vessels.*** You must comply with the following requirements of the Department of Transportation at 46 CFR 381.7, in regulations implementing the Cargo Preference Act of 1954:
- a. Pursuant to Public Law 83–664 (46 U.S.C. 55305), at least 50 percent of any equipment, materials or commodities procured, contracted for or otherwise obtained with funds under this award, and which may be transported by ocean vessel, must be transported on privately

owned United States-flag commercial vessels, if available.

b. Within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, “on-board” commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph 8.a of this section must be furnished to both our award administrator (through you in the case of your contractor's bill-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.

9. ***Research misconduct.*** You must comply with requirements concerning research misconduct in Enclosure 4 to DoD Instruction 3210.7, “Research Integrity and Misconduct.” The Instruction implements the Governmentwide research misconduct policy that the Office of Science and Technology Policy published in the Federal Register (65 FR 76260, December 6, 2000, available through the U.S. Government Printing Office website: <https://www.federalregister.gov/documents/2000/12/06/00-30852/executive-office-of-the-president-federal-policy-on-research-misconduct-preamble-for-research>).

10. Requirements for an Institution of Higher Education Concerning Military Recruiters and Reserve Officers Training Corps (ROTC).

a. As a condition for receiving funds available to the DoD under this award, you agree that you are not an institution of higher education (as defined in 32 CFR part 216) that has a policy or practice that either prohibits, or in effect prevents:

i. The Secretary of a Military Department from maintaining, establishing, or operating a unit of the Senior Reserve Officers Training Corps (ROTC)—in accordance with 10 U.S.C. 654 and other applicable Federal laws—at that institution (or any subelement of that institution);

ii. Any student at that institution (or any subelement of that institution) from enrolling in a unit of the Senior ROTC at another institution of higher education.

iii. The Secretary of a Military Department or Secretary of Homeland Security from gaining access to campuses, or access to students (who are 17 years of age or older) on campuses, for purposes of military recruiting in a manner that is at least equal in quality and scope to the access to campuses and to students that is provided to any other employer; or

iv. Access by military recruiters for purposes of military recruiting to the names of students (who are 17 years of age or older and enrolled at that institution or any subelement of that institution); their addresses, telephone listings, dates and places of birth, levels of education, academic majors, and degrees received; and the most recent educational institutions in which they were enrolled.

b. If you are determined, using the procedures in 32 CFR part 216, to be such an institution of higher education during the period of performance of this award, we:

- i. Will cease all payments to you of DoD funds under this award and all other DoD grants and cooperative agreements; and
- ii. May suspend or terminate those awards unilaterally for material failure to comply with the award terms and conditions.

11. ***Historic preservation.*** You must identify to us any:

- a. Property listed or eligible for listing on the National Register of Historic Places that will be affected by this award, and provide any help we may need, with respect to this award, to comply with Section 106 of the National Historic Preservation Act of 1966 (54 U.S.C. 306108), as implemented by the Advisory Council on Historic Preservation regulations at 36 CFR part 800 and Executive Order 11593, “Identification and Protection of Historic Properties,” [3 CFR, 1971–1975 Comp., p. 559]. Impacts to historical properties are included in the definition of “human environment” that require impact assessment under NEPA (See NP Article II, Section A).
- b. Potential under this award for irreparable loss or destruction of significant scientific, prehistorical, historical, or archeological data, and provide any help we may need, with respect to this award, to comply with the Archaeological and Historic Preservation Act of 1974 (54 U.S.C. chapter 3125).

12. ***Relocation and real property acquisition.*** You must comply with applicable provisions of 49 CFR part 24, which implements the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (42 U.S.C. 4601, et seq.) and provides for fair and equitable treatment of persons displaced by federally assisted programs or persons whose property is acquired as a result of such programs.

13. ***Confidentiality of patient records.*** You must keep confidential any records that you maintain of the identity, diagnosis, prognosis, or treatment of any patient in connection with any program or activity relating to substance abuse education, prevention, training, treatment, or rehabilitation that is assisted directly or indirectly under this award, in accordance with 42 U.S.C. 290dd-2.

14. ***Pro-Children Act.***

You must comply with applicable restrictions in the Pro-Children Act of 1994 (Title 20, Chapter 68, subchapter X, Part B of the U.S. Code) on smoking in any indoor facility:

- a. Constructed, operated, or maintained under this award and used for routine or regular provision of kindergarten, elementary, or secondary education or library services to children under the age of 18.
- b. Owned, leased, or contracted for and used under this award for the routine provision of federally funded health care, day care, or early childhood development (Head Start) services to children under the age of 18.

15. **Constitution Day.** You must comply with Public Law 108–447, Div. J, Title I, Sec. 111 (36 U.S.C. 106 note), which requires each educational institution receiving Federal funds in a Federal fiscal year to hold an educational program on the United States Constitution on September 17th during that year for the students served by the educational institution.

16. **Trafficking in persons.** You must comply with requirements concerning trafficking in persons specified in the award term at 2 CFR 175.15(b), as applicable.

17. **Whistleblower protections.** You must comply with 10 U.S.C. 2409, including the:

- a. Prohibition on reprisals against employees disclosing certain types of information to specified persons or bodies; and
- b. Requirement to notify your employees in writing, in the predominant native language of the workforce, of their rights and protections under that statute.

VII. Reporting Requirements

1. Financial Reporting

- a) Interim Federal Financial Report (SF 425). A quarterly Federal Financial Report (SF 425) is required within 30 calendar days after the end of reported quarter period: 3/31, 6/30, 9/30, and 12/31 and must include in the remarks the location of financial records and a point of contact for the Government to obtain access to the financial records associated with this agreement.
- b) Final Federal Financial Report (SF 425) is required within 90 calendar days of the completion date for the term of this Grant and must include in the remarks the location of financial records and a point of contact for the Government to obtain access to the financial records associated with this agreement.
- c) Federal Financial Report (SF 425) is required if receiving advance payments; the awardee shall submit a Report of Federal Cash Transactions (SF 425) within 15 calendar days following the end of each quarter. The Grantee shall provide forecasts of Federal cash requirements in the “Remarks” section of the report.
- d) Audit Reports. The Grantee shall ensure that if an independent auditor is used for this award, copies of any audits conducted shall be provided to the Government. At a minimum, the following should be provided a certified statement from the independent auditor evidencing that Grantee has complied with all requirements of this agreement. Upon completion or termination of this Grant, the Grantee shall provide a list of all audits conducted which reviewed expenditures under this Grant.

2. Interim Performance Progress Reports (PPR).

- a) The Grantee shall provide Interim PPR to the Government Technical Program Point of Contact, no later than 30 calendar days after the close of each quarter period: 3/31, 6/30, 9/30, and 12/31, except the final quarter of the agreement period. These reports shall detail the period’ activities, intermediate results, progress toward goals and other specific information and any issues that may impact completion of the planned work on schedule. If findings or discoveries are made that the recipient feels are of sufficient importance that they would mitigate or impact operations, the Government Technical Program Point of Contact should be notified immediately.

4. Property Reports

The recipient shall submit annual inventory listing to all equipment in excess of \$5,000 acquired under this grant.

5. Document submission:

All reporting requirements above shall be sent via email to the Government Technical Program Point of Contact.

6. Other Points of Contact:

Grants Officer – Michael J. Fanizzo michael.j.fanizzo.civ@mail.mil

Contract Specialist: Diane Clarke diane.r.clarke.civ@mail.mil

Administrative Grants Office – TBD

The terms and conditions of the award will provide the specifics on how to submit the reports and any required sections for those reports.

Additional mandatory reporting requirements include the following:

2 CFR 180.335 - What information must I provide before entering into a covered transaction with a Federal agency?

2 CFR 180.350 - What must I do if I learn of information required under § 180.335 after entering into a covered transaction with a Federal agency?

2 CFR Part 170 - Reporting Subaward and Executive Compensation Information; and,

2 CFR Appendix XII to Part 200 - Award Term and Condition for Recipient Integrity and Performance Matters.

Awardees will need to comply with the reporting requirements in 2 CFR 170: Reporting Subaward and Executive Compensation Information

VIII. Other Administrative Requirements

Not Applicable.

IX. Federal Contacts

Questions regarding program policy, program content, or technical issues should be directed to:

Questions regarding program policy, program content, or technical issues should be directed to DoD Program Technical Point of Contact:

Elizabeth (Liz) Galli-Noble

OUSD(A&S)DoD Legacy Resource Management Program

Office: 571-372-8299

Email: elizabeth.j.galli-noble.civ@mail.mil

Marwa Rafiq

OUSD(A&S)DoD Legacy Resource Management Program

Office: 571-342-2802

Email: marwa.m.rafiq.ctr@mail.mil

McKenna McMahon

OUSD(A&S)DoD Legacy Resource Management Program

Office: 850-866-8559

Email: mckenna.n.mcmahon.ctr@mail.mil

Questions regarding administrative problems or grant administration should be directed to DoD Grants Officers:

Michael Fanizzo Jr., Grants Officer

Washington Headquarter Services, Acquisition Directorate

Email: michael.j.fanizzo.civ@mail.mil

Diane Clarke, Grants Specialist

Washington Headquarter Services, Acquisition Directorate

Email: diane.r.clarke.civ@mail.mil

X. Other Information

None.