

1.0 FUNDING OPPORTUNITY ANNOUNCEMENT (FOA)

Funding Agency: U.S. Army Corps of Engineers Alaska District PO Box 6898 JBER AK 99506	Funding Instrument: Cooperative Agreement Funding Opportunity No: W911KB-25-2-0010 CFDA No: 12.005 Program Title: SUSTAINABLE RANGE STUDY RICHARDSON TRAINING AREA, FORT WAINWRIGHT AND DONNELLY TRAINING AREA, ALASKA (SOW 25-101)
Issue Date: 10 July 2025	Application Due Date: 08 September 2025
Overview: This project is intended to provide Integrated Natural Resource Management Plan (INRMP) implementation support to Range and Training Land Assessment (RTLA) support the 11th Airborne Division (11th ABN DIV) Training Support Activity - Alaska (TSA-AK) Integrated Training Area Management (ITAM) Sustainable Range Program (SRP) at Joint Base Elmendorf-Richardson (JBER) Richardson Training Area, Fort Wainwright and Donnelly Training Area, Alaska. Tasks include performing RTLA assessments to evaluate the capability of training lands to meet multiple use demands on a sustainable basis, performing missionscape readiness evaluations and monitoring, and military exercise monitoring for the ITAM program. The objectives of the program are to provide optimal management of training lands, to minimize restrictions to the military mission due to natural resource related constraints, sustain the land to provide for optimal military training while protecting natural resources, soil, water, vegetation, and wildlife in a healthy and diverse state. This project implements both the USAG Alaska and JBER INRMPs with the objective of providing healthy and resilient environments that are sustainable settings for military training while protecting and enhancing biological diversity and ecological health on all USAG Alaska lands, and to ensure compliance with all environmental laws and regulations. Some of the benefits to the natural resources include sustainable use, wetland protection, fish and wildlife habitat enhancement on public lands, prevent damage and rehabilitate soils, educate land users and provide sustainable hunting and fishing opportunities for the public. This cooperative agreement will be awarded pursuant to 16 U.S.C. 670 (Sikes Act). The Recipient for this cooperative agreement must be a qualified State, local government, Indian tribe, non-governmental organization, or individual pursuant to the authority of 16 U.S.C. 670c-1(a).	
Estimated Total Funding: \$5,663,110.00	Estimated Number of Awards: 1 (one)

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<p>Contact Information: Questions relating to Grants.gov including the registration process and system requirements should be directed to the Grants.gov Contact Center at 1-800-518-4726.</p> <p>Applicant Questions and Comments: For assistance with the requirements of this Funding Opportunity Announcement, please contact the Grants Specialist, pamela.iverson@usace.army.mil, no later than 10 calendar days prior to the Application Due Date.</p>	
<p>Instructions to Applicants: The complete Funding Opportunity Announcement, application forms, and instructions are available for download at Grants.gov.</p> <p>Applications in response to this Funding Opportunity Announcement shall be submitted by the application due date. Applications may be submitted electronically via email or through Grants.gov.</p> <p>Applicants shall have a Unique Entity Identification (UEI) number, registration with the System of Award Management (SAM), and registration with Grants.gov, if submitting application through Grants.gov.</p> <p>See Section IV of the Funding Opportunity Announcement for complete application submission information.</p>	

Section I: Funding Opportunity Description

SUSTAINABLE RANGE STUDY RICHARDSON TRAINING AREA, FORT WAINWRIGHT, AND DONNELLY TRAINING AREA, ALASKA (SOW 25-101)

26 June 2025

Project Ceiling \$1,093,729.00

1.0 INTRODUCTION

The purpose of this Statement of Work (SOW) is to provide details of work to be performed by a Recipient in support of the 11th Airborne Division (11th ABN DIV) Training Support Activity - Alaska (TSA-AK) Integrated Training Area Management (ITAM) Sustainable Range Program through a Cooperative Agreement (CA) created by the U.S. Army Corps of Engineers (USACE) to meet goals and objectives of both the United States Army Garrison (USAG) Integrated Natural Resources Management Plan (INRMP) and Joint Base Elmendorf Richardson (JBER) INRMP.

Tasks 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 Recipient services or work products.

The described study is supported through Sikes Act criteria and the following documents: Public Law (PL) 101-511, Sec 8120, delegation to Army by memorandum dated 21 April 1994; Title 32 – National Defense, Chapter 1 – Office of the Secretary of Defense, Part 21 – Department of Defense (DoD) Grants and Agreements (32CFR21.100-315); Title 32 – National Defense, Chapter 1 – Office of the Secretary of Defense, Part 22 – DoD Grants and Agreements – Award and Administrations (32CFR22.100-825); the Sikes Act (16 USC 670 a through f), National Environmental Policy Act (42 USC 4321, 4331 through 4335, and 4341 through 4347), PL 74-46, 16 USC 590a., Army Regulation (AR) 200-1, AR 37-27, AR 350-4, and 40 CFR Subpart 265.

2.0 GOALS AND OBJECTIVES

The primary objective of this project is to assist JBER Richardson Training Area (RTA), Fort Wainwright (FWA), and Donnelly Training Area (DTA) with the optimal management of training lands in accordance with the USAG Alaska and JBER INRMPs. These documents detail internal integration between the conservation programs and ITAM outlining coordination supporting the additional objectives to minimize restrictions to the military mission due to natural and cultural resource related constraints, to protect and enhance biological diversity and ecological health on all Army lands in Alaska, and to ensure compliance with all applicable environmental laws and regulations

Under the philosophy of ecosystem management, the focus of these INRMPs is to maintain or restore native ecosystem types across their natural range, including the suite of plants and animals that inhabit them in a healthy, functioning state. This landscape-level, ecological approach will blend the needs of the military mission with the health of the environment to ensure that ecosystems provide a landscape to support realistic military training and are diverse, productive, and economically sustainable.

Natural Resources Mission Statement: Support the military mission and enhance readiness by sustaining natural environments for training, minimizing conflicts between mission requirements and land and the natural resources it supports. Serve as stewards of the land by maintaining natural landscape features and ecosystem integrity at a broad landscape scale with the primary objective of the natural resources program to sustain, restore, and modernize natural infrastructure to ensure operational capability and no net loss in the capability of the land to support the military mission of the installation.

Several of the thirteen criteria points required by the Sikes Act apply to Sustainable Range and ITAM programs as detailed in the INRMPs.

- No net loss in the capability of military installation lands to support the military mission of the installation.
- Integration of and consistency among the various activities conducted under the plan.
- Fish and wildlife management in accord with Alaska Department of Fish and Game and the U.S. Fish and Wildlife Service, land management, forest management, and fish and wildlife-oriented recreation.
- Fish and wildlife habitat enhancement or modification.
- Wetland protection, enhancement, and restoration, where necessary for support of fish and wildlife.

Applicable USAG Alaska INRMP Goals and Objectives

Goal 1. No net loss in the capability of military installation lands to support the military mission of the installation. Objective 1a. Maintain quality training lands through damage minimization, mitigation, and restoration. Objective 1b. Enable the mission through characterization, monitoring, compliance, and continuing oversight of natural resources. Objective 1c. Implement projects that help preserve, maintain, repair, and improve natural resources for sustaining mission requirements.

Goal 3. Integration of, and consistency among, the various activities conducted under the plan. Objective 3b. Ensure that natural resources management is integrated with USARAK Mission plans (i.e. Range Complex Master Plan), organizations, and activities. Objective 3d. Provide USAG Alaska and mission commanders with information needed to make decisions, which include natural resources-related values.

Goal 4. Provide for fish and wildlife management, land management, forest management, and fish and wildlife-oriented recreation. Objective 4a. Protect, conserve, and restore native fauna

and flora with an emphasis on biodiversity enhancement. Objective 4c. Manage forest resources to support ecosystem values, mission-scape, and forest products as appropriate. Objective 4e. Implement migratory bird protection and conservation in accordance with all applicable laws and regulations. Objective 4h. Develop, update, and manage spatial and tabular data containing natural resource planning level surveys, species, habitat, populations, etc.

Goal 5. Provide for fish and wildlife habitat enhancement or modification. Objective 5a. Enhance wildlife habitat away from mission activities when possible. 5b. Identify, prioritize, monitor, and control for invasive species. 5c. Rehabilitate altered or degraded landscapes and associated habitats. 5d. Maintain or restore remaining native ecosystem types across their natural range of variation.

Goal 6. Wetland protection, enhancement, and restoration where necessary for support of fish and wildlife. Objective 6a. Protect, restore, maintain, or enhance wetlands and unique areas. Objective 6b. Ensure no net loss of size, function, and value of wetlands, and preserve the natural and beneficial values of wetlands in carrying out activities in accordance with E.O. 11990. Objective 6c. Use a watershed-based approach to manage operations, activities, and lands to avoid or minimize impacts to wetlands, ground water, and surface waters on or adjacent to USAG Alaska.

Goal 11. Provide a benefit to the species in the plan. Objective 11d. Maintain ecological processes, such as disturbance regimes, hydrological processes, and nutrient cycles, to the extent practicable.

USAG Alaska INRMP Chapter 4.15 is the ITAM chapter. ITAM maintains the live maneuver training environment and sustains the Army's live training capability by repairing maneuver damage and creating a resilient and resistant training land base. ITAM fundamentally supports installation compliance with the Sikes Act and is a critical component of installation natural resource management. USAG Alaska's ITAM planning process generates land management projects from Senior Commander's requirements by integrating mission analysis and maneuver training tasks with terrain capability assessments, land condition requirements, and sustainable range awareness.

Applicable JBER INRMP Goals and Objectives

Goal 1. Minimize conflicts between military mission, wildlife, natural resources and land use. Objective 1.1 Achieving no-net loss of military training through coordination and management of federally protected species (e.g., Endangered Species Act, Marine Mammal Protection Act, Bald and Golden Eagle Protection Act, Migratory Bird Treaty Act) or their habitats, and state protected species and sensitive resources when practicable. Objective 1.2 Provide habitat or management modification recommendations annually, if needed, to airfields and surrounding airfield environment, and appropriate drop zones. Objective 1.4 Utilize the principles of adaptive management; work with Range Control to integrate land management efforts and monitor results of management and military activities. Ensure the Integrated Natural Resources Management Plan and ITAM management plans are complementary.

Goal 2 Manage natural resources under the guidelines and principles of adaptive ecosystem management which aim to maintain functional ecosystems and natural diversity including sustainable populations, native species, and ecological communities. Objective 2.1 Inventory and monitor JBER's natural resources, including soil, water, wetlands, flora, and fauna, to provide baseline information on ecosystem integrity and health, status of renewable resources, and status of threatened or sensitive species or communities. Objective 2.3 Maintain or improve native vegetation patterns, ecological successional stages, and ecosystem integrity and function. Objective 2.5 Identify and map essential/critical habitats for species at risk and species of special concern that are most likely to become candidate species. Objective 2.6 Identify risks to biodiversity and ecosystem health from habitat fragmentation and reduced connectivity. Objective 2.7 Establish/sustain functional partnerships with land management agencies, non-governmental organizations, universities, and the public to fulfill natural resource objectives.

Goal 3 Manage human use of resources for long-term sustainability by offering products and services at levels compatible with the military mission and ecosystem diversity, health, and productivity, placing equal emphasis on consumptive and non-consumptive use and conservation and preservation of natural resources consistent with Sikes Act requirements. Objective 3.1 Evaluate JBER forest, wildlife, and fisheries resources and develop recommendations for sustained yield.

ITAM Objectives supporting both INRMP's goals and objectives: (a) To collect Range and Training Land Assessment (RTLTA) data necessary for the sound management of military lands. The land must be maintained in a condition to provide for optimal military training experiences and to protect cultural resource sites and maintain soil, water, vegetation, and wildlife resources in a healthy and diverse state. (b) To assemble, edit, summarize, analyze, interpret, and apply RTLTA data to the management of Alaska Army range and training lands using the Training Requirements Integration (TRI) model of analysis. This is accomplished most efficiently with state-of-the-art computer analyses, using geospatial and technical expertise. (c) To contribute to sound and balanced decision-making and planning regarding land use and resource management on public lands and military installations by the provision of the best research, data, and analytical tools available.

3.0 MAJOR REQUIREMENTS

The Recipient shall provide Sustainable Range Program (SRP) Support. SRP support will include five tasks (Sections 3.1, 3.2, 3.3, 3.4, and 3.5 below) distributed across Alaska Army range and training lands. The USAG Alaska and JBER INRMPs both discuss the importance of the Range and Training Land Assessment (RTLTA) and the Training Requirements Integration (TRI) components as core elements of the Sustainable Range and ITAM programs. Additionally, the various sections of the INRMP requirements depict the cohesive integration between the ITAM programs and the Natural Resources programs working together towards common goals across the natural resource and training landscapes (Table 1). The ITAM program as a whole is managed under these INRMPs and updated annually.

Table 1. Major requirements (tasks) and related INRMP sections.

Task	JBER INRMP Section (RTA)	USAG Alaska INRMP Section (FWA and DTA)
1. RTLA Monitoring Plan	Section 2.4.2, Section 7.17	Section 4.1, Section 4.15
2. Conduct RTLA Assessments	Section 2.4.2, Section 7.8	Section 4.1, Section 4.4, Section 4.10
3. Report RTLA Assessment Results	Section 2.4.2, Section 7.8	Section 4.1, Section 4.4, Section 4.10
4. Military Maneuver Exercise Monitoring and Reporting	Section 2.4.2, Section 7.6, Section 7.8, Section 7.9	Section 4.1, Section 4.4, Section 4.6, Section 4.10, Section 4.15
5. Training Requirements Integration Support	Section 2.4.2, Section 7.6, Section 7.8, Section 7.9, Section 7.17	Section 4.1, Section 4.4, Section 4.6, Section 4.10, Section 6.2.

3.1 TASK 1. Land Condition: Range and Training Land Assessment (RTLA) Monitoring Plan

The Sikes Act requires no net loss in the capability of military installation lands to support the military mission of the installation. SRP and ITAM are key programs used to meet this goal. The Recipient shall provide RTLA assessments as a baseline for evaluating this metric and are conducted on all Army training lands in Alaska. The Recipient shall provide field sampling data to be used to evaluate the capability of training lands to meet multiple use demands on a sustainable basis. The Recipient shall utilize relational databases and spatial data for land use planning decision processes including location and timing of military training events, natural resources management, and prioritizing land rehabilitation and restoration efforts. The Recipient shall meet the RTLA objectives are listed below:

- Determine land condition in response to training activities.
- Determine training land capability to support multiple use training.
- Identify and recommend land rehabilitation and maintenance priorities.
- Recommend protocols, procedures and methodologies for gathering information and assessing land condition trends.
- Provide information that may affect force structure and stationing decisions at MACOM and DA levels.

3.1(a) Description

The Recipient shall provide the RTLA Monitoring Plan which outlines the who, what, where, why and how of the following fiscal year's monitoring plans. The plan will present monitoring methods, monitoring locations, maps, and rationale behind the monitoring efforts.

Monitoring of Ranges and Training Lands by the Recipient is accomplished using targeted assessments to determine Land Condition. Land Condition is broken down into two interrelated parts: Training Land Sustainability and Missionscape Readiness.

3.1(b) RTLA Monitoring Plan Components

3.1(b)(1) Training Land Sustainability Monitoring Objectives

TSA-AK RTLA conducts training land sustainability assessments to monitor impacts of training on landscape and quantify natural resource status. Land Condition, in this sense, is a measure of vegetation and soil resource availability and the health of biological systems that support continued realistic training.

Monitoring of this nature has occurred on Alaska Army training lands since 1994 and has evolved to meet training needs and to fit landscape conditions in Alaska. The current model is a random sampling scheme stratified by training use that encompasses numerous assessments tailored to specific information needs. At the core of these needs are measures of vegetation disturbance, ground cover, and erosion. The Recipient shall conduct monitoring objectives developed under the RTLA methodology to include the following:

Monitoring Objective 1): Estimate percent of exposed mineral and organic soils to within 10% of the actual value with 90% confidence.

Monitoring objective 2): Estimate percent cover of damaged vegetative ground cover to within 10% of the actual value with 90% confidence.

Monitoring objective 3): Estimate percent vegetative cover by species to within 10% of the actual value with 90% confidence.

3.1(b)(2) Missionscape Readiness Monitoring Objectives

The Recipient shall provide Missionscape readiness by maintaining training area assets in a state that promotes realistic training that is sustainable and available to soldiers in terms of physical structures on the landscape. The Sikes Act requires establishment of specific natural resource management goals and objectives with timeframes for proposed action. These assessments are needed to make sound management decisions pursuant to this requirement. The Recipient shall provide Missionscape readiness which includes conducting assessments at a landscape and site-specific scale to look at physical obstructions/vegetation density, tactical concealment, safety hazard potential and accessibility with respect to standards defined in Training Circular (TC) 25-1 (Attachment 1) Appendix A, Table A-1, Acceptable Landscape Conditions. The Recipient shall conduct monitoring objectives developed under the RTLA methodology to include the following:

Monitoring Objective 1): Estimate basal area/trees per acre at a 90% confidence interval with 90% accuracy for forested areas

Monitoring Objective 2): Estimate tactical concealment, both vertical and horizontal, at a 90% confidence interval with 90% accuracy

Monitoring Objective 3): Estimate hazards to soldiers and/or equipment which may include ruts, hazard trees, large rocks/boulders etc. at a 90% confidence interval and 90% accuracy

Monitoring Objective 4): Survey maneuver trails (vehicular and foot) for frequency of ruts over 6 inches deep, ponding water, erosion, and damaged/non-functional drainage features to include culverts, water bars and ditches.

3.1(c) Requirements

The Recipient shall develop a monitoring plan that achieves monitoring objectives in sections 3.1(b)(1) and 3.1(b)(2). The Recipient shall provide assessments using quantitative collection methods should be statistically defensible and may use pilot data to verify rigor and/or literature reviews. Qualitative assessment methods shall be clearly documented by the Recipient. The Recipient shall collaborate with ITAM and 11th ABN DIV G3 staff to develop Land Condition data collection methods.

3.1(d) Deliverables

- The Recipient shall submit monitoring plan for approval to the ITAM coordinator.
- The Recipient shall submit data collection timeline, and survey area maps.

3.2 TASK 2. Conduct Range and Training Land Sustainability Assessments

3.2(a) Training Land Sustainability

3.2(a)(1) Description

TSA-AK RTLA conducts training land sustainability assessments to monitor impacts of training on landscape, quantify natural resource status and assess land condition as a measure of vegetation and soil resource availability and the health of biological systems that support continued realistic training.

3.2(a)(2) Requirements

The Recipient will provide support to conduct data collection and Quality Assurance (QA)/Quality Control (QC) in accordance with the approved RTLA Monitoring Plan. Sampling goals across the various Alaska Army training lands are listed in Table 2.

Table 2. RTLA Assessment acreage goal requirement for Alaska Army training lands.

Training Lands	Acres to Survey	
	Road or Trail Accessible Training Lands	Remote Access Training Lands
Richardson Training Area (RTA)	1,500	0
Tanana Flats Training Area (TFTA)	10	90
Yukon Training Area (YTA)	940	10
Local Training Areas (FWA Main Post)	450	0

Donnelly Training Area East	1,500	0
Donnelly Training Area West	0	100

All geospatial field data collection and spatial data development must be compliant with the current version of the Spatial Data Systems for Facilities, Infrastructure and Environment (SDSFIE) and must be accompanied by metadata conforming to the Federal Geographic Data Committee (FGDC) Content Standard for Digital Geospatial Metadata (CSDGM). Geospatial data obtained from federal sources such as the USGS are not required to be converted to the SDSFIE.

3.2(a)(3) Deliverables

The Recipient shall submit to the ITAM Coordinator at the end of the Period of Performance:

- Submit periodic (weekly during summer, monthly during winter) reports (e-mail or verbal) to ITAM Coordinator on land condition as input to the Land Rehabilitation and Maintenance (LRAM) and the sustainable range requirements integration and planning decision process.
- Submit geospatial data.
- Submit error checked RTLA data.
- Submit analyzed RTLA data.

3.2(b) Missionscape Readiness Monitoring

3.2(b)(1) Description

Missionscape readiness monitoring is conducted to assess the ability of training lands to provide realistic training opportunities in terms of physical structure on the landscape. Variables monitored include vegetation diversity and structure, micro and macro-topography, impediments to training such as adverse terrain, low strength soils, and barriers to maneuver and soldier safety hazards. Monitoring of this nature has occurred on Alaska Army training lands and ranges since the mid 2000's.

3.2(b)(2) Requirements

The Recipient will provide support to conduct data collection and QA/QC in accordance with the approved RTLA Monitoring Plan. Sampling goals across the various Alaska Army training lands are listed in Table 3.

Table 3. Missionscape Readiness Monitoring Acreage Goals and requirements for Alaska Army training lands.

	Acres to Survey		Miles to Survey
Training Lands	Road or Trail Accessible Training Lands	Remote Access Training Lands	Road Accessible Maneuver Trails
Richardson Training Area (RTA)	1,500	0	10

Tanana Flats Training Area (TFTA)	10	90	3
Yukon Training Area (YTA)	940	10	10
Local Training Areas (FWA Main Post)	450	0	10
Donnelly Training Area East	1,500	0	10
Donnelly Training Area West	0	100	3

Collect required data to support regulatory permitting, such as mitigation monitoring for USACE Alaska District Regulatory wetland permits or vegetation recovery to show final stabilization for Alaska Pollutant Discharge Elimination System (APDES) Notice of Termination submittals to Alaska Department of Environmental Conservation (ADEC) (average 2-3 of this type of permit monitoring per year).

Analyze data to identify areas with high value to training and/or resources at risk. Input missionscape readiness map layers into a geospatial system and update using species cover, fire history data, construction and land clearing overlays, aerial photos, and ground truth plot information. Input assessment data into a relational database to support the overall ITAM and the sustainable range requirements integration and planning process.

3.2(b)(3) Deliverables

Prior to the end of the Period of Performance, the Recipient shall:

- Submit error checked RTLA data to the ITAM Coordinator.
- Submit analyzed RTLA data to the ITAM Coordinator.
- Submit geospatial RTLA data to the ITAM Coordinator.

3.3 TASK 3. Final Range and Training Land Assessment (RTLA) Report

3.3(a) Description

The Recipient shall provide a final RTLA report provides land condition assessments of training land sustainability and missionscape readiness monitoring as well as training load distribution recommendations, training area reconfiguration recommendations, an environmental limitations inventory and status of regulatory permit mitigation projects.

3.3(b) Requirements

The Recipient will provide final RTLA reports (1 each) for RTA, FWA, and DTA that include (1) installation wide and training area specific summaries of land use, disturbance, erosion, plant cover, vegetation communities and missionscape readiness; (2) training load distribution recommendations; (3) training area reconfiguration, maintenance and repair recommendations; (4) summary of status of regulatory permit mitigation projects including rehabilitation and/or restoration site progress (average 2 permit mitigations ongoing at any one time); and (5) suggestions for follow on monitoring of recommended rehabilitation, maintenance, and reconfiguration projects.

Compile land condition data and classify areas into red/poor, amber/moderate, or green/good rating for primary use designations. Data analysis includes a weighted average of land sustainability inputs corresponding to vegetative disturbance, ground cover, species composition, and erosion status as per the approved methodology for each polygon surveyed. Results shall be summarized by training area and included in a geodatabase.

All assessment methods used shall be submitted to the ITAM Coordinators. The Recipient will also enter data into relational databases and spatial layers for use by ITAM, LRAM, military trainers, range planners, range managers, and natural resources personnel.

These reports are forwarded on to the appropriate ITAM Coordinator for review and further dissemination to Range and LRAM as needed.

Analyze data from RTLA surveys, geospatial data collection, and other natural resources data/information sources and relate to management recommendations on land use to meet the following requirements:

- Identify existing and projected training land facility resources
 - Identify, update, and maintain range facility inventory
 - Identify, update, and maintain terrain capability information
 - Identify sources for planning level survey data/information
 - Identify land use constraints and management priorities in the INRMP
- Optimize training land management recommendations to ITAM and Range Control staff by coordinating mission requirements and land maintenance activities with training and testing land carrying capacity.
 - Identify mission training requirements
 - Recommend training load distribution to Range Control to optimize available resources and minimize impact on the environment
 - Recommend training area reconfiguration to ITAM Coordinator to optimize accessible and available land resources and minimize impact on the environment
 - Recommend training area maintenance and repair to ITAM Coordinator to optimize capable land resources and minimize impact on the environment

3.3(c) Deliverables

The Recipient shall:

- Submit quarterly progress reports to USACE (March, June, September, December).
- Submit SRP geospatial data layers quarterly to U.S. Army Training and Doctrine Command (TRADOC) Proponent Office Ranges (March, June, September, December).
- Present accomplishments as part of the In Progress Review briefing to ITAM and Range staff.
- Submit final report to USACE and ITAM Coordinator at the completion of the period of performance.

3.4 TASK 4. Military Maneuver Exercise Monitoring and Reporting

3.4(a) Description

Military exercise monitoring is baseline information needed for Training Requirements Integration (TRI) and documents size and type of military exercise, location, duration and impact to training lands. Monitoring of training exercises is prioritized based on 1) potential impacts to the environment, 2) ecological sensitivity of the site, and 3) size of the field exercise. Data gathered targets sources of environmental impacts, i.e. Petroleum Oil and Lubrication (POL) products, trash, snow plowing, cross country maneuvering, and erosion sources. RTLA staff will patrol an area at the beginning of an exercise to address immediate concerns and then a follow up survey after the exercise is over. All monitoring is coordinated with Range Control. Coordination with Range Control on times and areas of major training events is crucial to this monitoring assessment. Use of Range Facility Management Support System (RFMSS) data and scheduling can help in planning; however, range staff is in the position to advise on when specific activities take place. Geospatial data is collected on the area of disturbance or concern, then observations are made and recorded describing the unit(s) occupying the site, type of training event, equipment on site, the commanding officer, and any environmental issues.

3.4(b) Requirements

The Recipient will provide support to (1) determine monitoring scheme by obtaining schedule of training events from the RFMSS database at least once per month; (2) gather information on unit size, location and specific activity; (3) classify training events according to potential impacts (severity of damage/type of training); (4) assist the ITAM coordinator in planning for digging events with Combat Engineer units, including location approvals, mapping, and on-site verification of locations prior to digging, and clearance of final back-filling and smoothing; (5) coordinate with range inspectors during high impact events 4-5 times per week (average 2-3 weeks per event) and conduct in person inspections of occupied areas as needed during the event and to document damage after the event concludes; (6) coordinate with range inspectors during moderate and low impact events to determine if field inspections are needed during or after each event (average 4-6 exercises in each category per year, each averaging 1-2 weeks per event); and (7) prepare monitoring reports for each exercise.

3.4(c) Deliverables

The Recipient shall submit exercise monitoring inspection reports to the ITAM Coordinator within 2 weeks of the completion of each exercise that include:

- Amount of damage
- Maps showing location and extent of new and cumulative damaged areas and/or changes in land use (obtained from GPS points)
- Photos of training activity/damage
- Methods/results/comments

3.5 TASK 5. Training Requirements Integration Support

3.5(a) Description

The Recipient shall maintain training area assets in a state that promotes realistic training and that is sustainable and available to soldiers in terms of physical structures on the landscape. This task is one of the outcomes of RTLA, which directly supports TRI, and the Recipient shall maintain basal area of trees that enables maneuver but does not detract from concealment, maintaining vegetative or placed ground cover, and removing hazardous trees. The Recipient shall provide TRI support which includes developing geospatial data that incorporates natural resources data, performing geospatial analysis, and creating training support cartographic products in support of unit training that promote avoidance of damage to training land resources.

3.5(b) Requirements

Recipient shall provide landscape and site-specific scale efforts to maintain vegetation cover percentage, physical obstructions/vegetation density, tactical concealment, hazard potential and accessibility with respect to standards defined in Training Circular (TC) 25-1 Appendix A, Table A-1, Acceptable Landscape Conditions. Coordinate training area vegetation maintenance tasks, in accordance with both the USAG Alaska and JBER INRMPs to optimize available training site resources and minimize training and testing impact on the environment. Coordinate with installation environmental staff on invasive vascular plant species management.

The Recipient shall provide support to (1) develop, maintain, and update Military Installation Maps (MIMs) with the required geospatial data layers in accordance with MIM Production Guidance Documentation (MPGD) to support mission requirements; (2) provide standard and customized maps to support unit training; and (3) develop daily planning maps as an overlay that reflects training footprints and training facilities to assist in identifying suitable ranges and maneuver lands required for scheduling.

3.5(c) Deliverables

The Recipient shall:

- Submit periodic (weekly during summer, monthly during winter) status reports (e-mail or verbal) to the ITAM Coordinator on LRAM crew task list status.
- Submit quarterly geospatial representations of work accomplished to the ITAM Coordinator.

4.0 GENERAL REQUIREMENTS

The following requirements are common to all tasks listed above in Section 3.0.

4.1 Services

Provide services to include professional report preparation and printing which present study findings for future planning activities.

4.2 Supplies and Equipment

The Recipient shall provide supplies and materials as necessary to conduct surveys, studies, and land management, and to prepare reports. The Recipient shall provide tablet computers for field

mapping and data collection. The Recipient shall provide desktop/laptop computers to analyze and report on data collected during monitoring and evaluation activities. The Recipient shall provide plotters and laminators and necessary supplies to support map product distribution. The Recipient shall provide software for high quality imagery and mapping. The Recipient shall provide LiDAR data and aerial imagery as needed to cover specific locations that have undergone ground disturbance and/or vegetation management for integration into the larger existing LiDAR and imagery datasets. For safety reasons, cellular phones are required for Recipient to operate in the field, which may include cellular phone stipends. The Recipient shall provide professional level editing, printing, and production of all awareness products. The Recipient shall provide equipment necessary to complete surveys/sampling and study requirements to include field sampling equipment, and data loggers. The Recipient shall provide shotguns and training for protection at remote sites. The Recipient shall provide tents, bear-safe food barrels, cook stove/fuel, generator for re-charging electronics, and assorted camp gear for work at remote sites.

4.3 Transportation

4.3 (a) The Recipient shall provide 4x4 vehicle, aquatic, and air (rotary or fixed wing) support as necessary to complete surveys and monitoring studies.

4.3 (b) The Recipient shall provide an over-the-snow capable tracked vehicle to support survey and monitoring studies where 11 ABN DIV (Arctic-focused) units are training in austere and remote locations only accessible by helicopter otherwise. This same vehicle would have a low ground pressure to allow for travel across boggy areas in summer where wheeled vehicles cannot access, or should not access in consideration of sustainable practices. In addition, the Recipient shall provide snowmachines for winter access and/or all-terrain vehicles with trailers to gain access into remote training sites for summer access to support surveys and monitoring studies of military training and LRAM projects.

4.3 (c) The Recipient shall provide appropriate maintenance for the vehicle described in 4.3 (b).

4.4 Travel

Travel is required by the Recipient to accomplish survey, evaluation, and reporting requirements. In addition, travel is required by the Recipient to attend the annual ITAM workshop, and to meet with various consulting agencies and stakeholders. Travel by the Recipient, as necessary, within and outside of Alaska to meet study objectives. Recipient personnel may be required to travel on government-provided rotary or fixed wing aircraft during execution of their studies on Alaska Army range and training lands.

5.0 Government Furnished Material

5.1 Recipient Employee Government Information System Access Requirements

All Recipient employees with access to a government information system must be registered in the ATCTS (Army Training Certification Tracking System) at commencement of services and

must successfully complete the DOD Information Assurance Awareness prior to access to the information system and annually thereafter.

5.2 Access and General Protection Policy and Procedures

Recipient and all associated sub-Recipient employees shall provide all information required for background checks to meet installation access requirements to be accomplished by installation Provost Marshal Office, Director of Emergency Services or Security Office. Recipient workforce shall comply with all personal identity verification as directed by DoD, HQDA and/or local policy. In addition to the changes otherwise authorized by the changes clause of this cooperative agreement, should the Force Protection Condition (FPCON) at any individual facility or installation change, the Government may require changes in Recipient security matters or processes.

5.2a. For Recipients requiring Common Access Card (CAC). Before CAC issuance, the Recipient employee requires, at a minimum, a favorably adjudicated National Agency Check with Inquiries (NACI) or an equivalent or higher investigation in accordance with Army Directive 2014-05. The Recipient employee will be issued a CAC only if duties involve one of the following: (1) Both physical access to a DoD facility and access, via logon, to DoD networks on-site or remotely; (2) Remote access, via logon, to a DoD network using DoD-approved remote access procedures; or (3) Physical access to multiple DoD facilities or multiple non-DoD federally controlled facilities on behalf of the DoD on a recurring basis for a period of 6 months or more. At the discretion of the sponsoring activity, an initial CAC may be issued based on a favorable review of the FBI fingerprint check and a successfully scheduled NACI at the Office of Personnel Management.

5.2b. For Recipients that do not require CAC but require access to a DoD facility or installation. Recipient and all associated sub-Recipients employees shall comply with adjudication standards and procedures using the National Crime Information Center Interstate Identification Index (NCIC-III) and Terrorist Screening Database (Army Directive 2014-05/AR 190-13); applicable installation, facility, and area commander installation and facility access and local security policies and procedures (provided by government representative).

5.3 iWATCH Training

The Recipient and all associated sub-Recipients shall brief all employees on the local iWATCH Army program (training standards provided by the requiring activity ATO). This locally developed training will be used to inform employees of the types of behavior to watch for and instruct employees to report suspicious activity to the Technical Representative (TR). This training shall be completed within 60 calendar days of cooperative agreement award and within 60 calendar days of new employees commencing performance, with the results reported to the TR no later than (NLT) 90 calendar days after cooperative agreement award.

5.4 AT Level I Training

All Recipient employees, to include sub-Recipient employees, requiring access to Army installations, facilities and controlled access areas shall complete AT Level I awareness training within 60 calendar days after start date or effective date of incorporation of this requirement, whichever is applicable. The Recipient shall submit certificates of completion for each affected Recipient employee and sub-Recipient employee, to the TR or to the grants officer representative (GOR), if a TR is not assigned, within 60 calendar days after completion of training by all employees and sub-Recipient personnel. AT Level I awareness training is available at the following website: <http://jko.jten.mil>.

5.5 Operations Security (OPSEC)

Per AR 530-1 *Operations Security*, the Recipient employees must complete Level 1 OPSEC Awareness training. New employees must be trained within 30 calendar days of their reporting for duty and annually thereafter.

5.6 Information Assurance (IA)/Information Technology (IT)

All Recipient employees and associated sub-Recipient employees must complete the DoD IA awareness training before issuance of network access and annually thereafter.

6.0 Meetings, Reviews, and Coordination

6.1 Post Award Planning Meeting shall take place within 1 month of award between the Technical POC and Recipient technical POC.

6.2 Technical Coordination Meetings shall take place twice. The first meeting shall take place within a month of award and the second meeting shall take place at the completion of the projects for review and acceptance.

6.3 The Recipient shall provide quarterly progress reports to the Project Manager with USACE - Alaska District.

7.0 Points of Contact

Technical Points of Contact for this study are: TBD

The QA/QC Technical Representative for this project is: TBD

The POC for USACE Project Management is TBD. Cooperative Agreement questions should be addressed to Grants Officer Michelle Mandel.

Correspondence should be addressed as follows:

USACE Project Management
TBD

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

8.0 Period of Performance and Place of Service

The projects will be completed on RTA, FWA, and DTA. The time of service for this work is 12 months from date of award for the base period of performance. Four additional option periods of performance of 12 months each are available, subject to availability of funding.

Attachment:

Attachment 1 Training Circular (TC) 25-1 Training Land (July 2020)

Section II: Award Information

1. Type of Award: This Funding Opportunity Announcement is for a competed cooperative agreement.
2. Funding: The funded total Project Cost Ceiling for this requirement is \$1,093,729.00 (initial 12 month period of performance) The Project Cost Ceiling including unfunded optional periods is \$5,663,110.00.
3. Period of Performance: The period of performance is 12 months from date of award. Four additional option periods of performance of 12 months each are available, subject to availability of funding. This does not obligate the Government to extend this agreement beyond the initial period of performance.
4. Substantial involvement. The Recipient will work directly with the Government to coordinate and implement the project requirements on the Army installations and training areas. This project will provide technical support for natural resource management, site specific project planning, and land best management practices development. The Government will routinely collaborate with the Recipient, via in-person meetings or virtual meetings, to ensure compliance and timely execution of the Statement of Work (SOW) requirements. The Recipient will collaborate with the Government on the maneuver trail improvements planning, forest management activities, project implementation and progress reports for all activities completed during the period of performance.

Section III: Eligibility Information

1. Eligible Applicants – Open to all that meet the criteria of this announcement. Award shall be limited to States, local governments, Indian tribes, non-governmental organizations, and individuals, pursuant to the authority of 16 U.S.C. 670c-1(a).
2. Cost Sharing – This action will be 100% funded by USACE.
3. Other Information –

Use of the System for Award Management (SAM) and the Federal Awardee Performance and Integrity Information System (FAPIIS): To protect the public interest, the Federal Government ensures the integrity of Federal programs by striving to conduct business only with responsible organizations. The Government uses the “Exclusions” within the Performance Information functional area of the SAM and data from FAPIIS, a component within SAM, to verify that an organization is eligible to receive Federal awards. More information about SAM and FAPIIS is available at <https://sam.gov/>.

Review of Risk: The following areas may be reviewed in evaluating the risk posed by an applicant: financial stability; quality of management systems and operational controls; history of performance; reports and findings from audits; ability to effectively implement statutory, regulatory, or other requirements imposed on recipients of Federal awards.

Section IV: Application and Submission Information

1. Address to Request Application Package:

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

The administrative point of contact is the Grants Specialist, Pamela Iverson
pamela.iverson@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 this announcement. **Refer to Section V for narrative requirements.**
- e. A current negotiated indirect cost rate agreement (NICRA) or a statement stating the applicant is eligible and electing to use the de minimis rate – If Applicable.
- f. Evidence of Eligibility per Section III of the opportunity instructions – Required if not checked in SAM.gov.

3. Application shall be submitted **NO LATER THAN 08 SEP 2025; 2:00 PM (Alaska Time)** via email or through Grants.gov.

4. Submission Instructions:

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

a. Email:

Format all documents to print on Letter (8 ½ x 11") paper. E-mail proposal to the Grants Specialist, Pamela Iverson, at pamela.iverson@usace.army.mil.

b. Internet:

Applicants are not required to submit proposals through Grants.gov. However, if applications are submitted via the internet, applicants are responsible for ensuring that their Grants.gov proposal submission is received in its entirety and within the date and time required. The Government bears no responsibility for data errors resulting from transmission of conversion processes associated with electronic submissions. The Government will bear no responsibility for delays in submissions due to technical difficulties at or with the Grants.gov website.

All applicants choosing to use Grants.gov to submit proposals must be registered and have an account with Grants.gov. It may take up to three (3) weeks to complete Grants.gov registration. For more information on registration, go to <http://www.grants.gov/ForApplicants>.

Section V: Application Review Information

Application Submission Evaluation Criteria and Basis of Award

SUSTAINABLE RANGE STUDY RICHARDSON TRAINING AREA, FORT WAINWRIGHT, AND DONNELLY TRAINING AREA, ALASKA (SOW 25-101)

July 2025

INITIAL REVIEW: The Government will perform an initial review to determine that the applicant is (1) eligible in accordance with Section III of the announcement; (2) all information required by Section IV has been submitted; and (3) all mandatory requirements are satisfied.

Applications meeting requirements in the initial screening will be evaluated in accordance with the criteria described herein and the Government will award a cooperative agreement to the eligible, qualified, and responsible Applicant whose submission is determined to be most likely to be successful. The Government will not award a cooperative agreement to an Applicant whose submission contains a deficiency.

The evaluation factors for this action are:

- Factor 1: Experience (most important technical factor)
- Factor 2: Technical Approach (2nd most important technical factor)
- Factor 3: Cost (3rd most important factor)

After listing submission 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 applicant's ability, as demonstrated in its submission, to perform the requirements stated in the Statement of Work (SOW). The adjectival ratings shall be assigned, using the following criteria, which incorporate a submission risk assessment:

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

APPLICATION EVALUATION AND SELECTION CRITERIA

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

Factor 1 Past Performance/Experience

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

1. Experience supporting Department of Defense (DoD) Natural resource management programs and understanding conservation elements necessary to monitor, manage, protect, and conserve training areas and range facilities for optimal management of public lands under military control. Applicant(s) may receive greater consideration for previous experience working with the Government in an aforementioned capacity.
2. Experience with management/treatment of vegetation control/modification, erosion control/soil stabilization, forest management, seeding/re-vegetation activities, trail maintenance, and sustainability assessments on military lands.
3. Experience maintaining quality training lands by repairing training areas and sites that have been damaged and provide improved soldier training environments for sustainability.
4. Experience planning and managing time critical work, geospatial mapping and imagery support, and performing studies, projects or plans in accordance with applicable guidance and regulations.

The applicant 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 50% complete or were completed within the past five (5) years. **Applicants with no prior federal assistance agreement experience shall provide a statement in their proposal to that affect.** Applicants with no prior federal assistance agreement experience may submit reference information for key personnel that will be working on this project that have performed work under past federal assistance agreements. 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 applicants to determine the applicant most likely to be successful in delivering results.

Factor 2 Technical Approach

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

- A discussion of the technical approach to accomplish the SOW requirements.
- 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 inclusion of numerous assumptions that significantly “assume away” applicant risk regarding major issues or problems that may be encountered on the project will be considered unacceptable.

The applicant shall also provide an organizational chart with the proposed project team with defined roles, responsibilities, and lines of communication for all key personnel and sub-recipients. The Government will review, evaluate, and compare the technical approach documentation received from each applicant to determine the applicant most likely to be successful in delivering results.

Factor 3 Cost

The applicant shall provide a narrative of proposed cost to the Government during the Period of Performance, to include optional periods, as this data must be reviewed and evaluated to aid in determining fairness and reasonableness. In accordance with Title 2 of the Code of Federal Regulations, non-Federal entities may not earn or keep any profit (or comparable fees) resulting from Federal Financial Assistance actions. Therefore, any applications that contain profit and/or fees will be excluded from consideration because the government cannot compensate for profit or fees on Federal Financial Assistance awards (i.e., Grants and Cooperative Agreements).

Allowable costs incurred by States, local governments, Indian tribes, non-governmental organizations, and individuals are determined in accordance with the provision of Cost Principles of 2 CFR 200, negotiated indirect rates. OMB's cost principles are contained in 2 CFR 200.400-.475 et seq.

In accordance with 2 CFR 200.414(c), the Department of Defense has deviated from the indirect cost rates negotiated between the cognizant Federal agencies and institutions of higher education (IHEs) and will instead limit indirect cost rates to 15% for all Federal assistance awards. Refer to Section VI, Award Administration Information, paragraph 2.

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

Section VI: Award Administration Information

1. Award Notices

Written notice of award will be given in conjunction with issuance of a cooperative agreement signed by a Grants Officer. The cooperative agreement will contain the effective date of the agreement, the period of performance, funding information, and all terms and conditions. The recipient is required to sign and return the document before work under the agreement commences. Work described in this announcement SHALL NOT begin without prior authorization from a Grants Officer.

Anticipated Award Date:

Announcement Issue Date: 10 July 2025

Application Due Date: 08 September 2025

Estimated Award Date: On or About 30 September 2025

2. Administrative Requirements

The cooperative agreement issued as a result of this announcement is subject to the administrative requirements of the Office of Management and Budget Grant and Agreement Regulations, Title 2 Code of Federal Regulations (C.F.R.) Subtitle A, including Title 2 C.F.R. Part 200 "Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards"; Department of Defense Grant and Agreement Regulatory System (DoDGARS), Title 2, C.F.R. Chapter XI; and Title 32, C.F.R. Chapter I, Subchapter C except Parts 32 and 33.

Plaintiffs in the AAU v. DoD indirect cost rate litigation (D. Mass., No. 25-cv-11740) have filed suit and have received a temporary restraining order (TRO). The DoD will not implement the 15 Percent Indirect Cost Rate Cap while the TRO remains in effect. However, the 15 Percent Indirect Cost Cap on Assistance Awards to Institutions of Higher Education will be applicable for the entirety of the award if there is a court decision permitting application of DoD policies.

3. Reporting

The cooperative agreement issued under this announcement will establish reporting requirements which, in general, will consist of reports described in Section 1. See 2 CFR Sections 200.328 for financial reporting requirements, 200.329 for performance reporting requirements, and 200.330 for real property reporting requirements.

See 2 CFR 200 Appendix XII for Reporting of Matters Related to Recipient Integrity and Performance.

Section VII: Agency Contact

Pamela Iverson, Grants Specialist
U.S. Army Corps of Engineers
Contracting Division
Attn: CEPOA-CT
P.O. Box 6898
JBER, AK 99506-0898
Phone: (907) 753-2555
Email: pamela.iverson@usace.army.mil

Section VIII: Other Information

1. Only Grants Officers are legally authorized to bind the Government to an agreement. The Government is not obligated to make any Federal award as a result of the announcement.
2. Questions regarding this Funding Opportunity Announcement should be submitted to the Agency Contact in Section VII no later than **no later than 10 calendar days prior to the Application Due Date**. Questions received after this date may not be answered.
3. Responses should reference Funding Opportunity Number W911KB-25-2-0010.
4. Applicants are advised to monitor Grants.gov for potential amendments to this Funding Opportunity Announcement. You can elect to be automatically notified by Grants.gov whenever there is a change to this opportunity.