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-25-2-0007 **CFDA No:** 12.005 **Program Authority**: 16 U.S.C. 670 (Sikes Act)
Issue Date: 17 April 2025	**Application Due Date:** 14 May 2025

Overview:
This project is intended to provide the Land Rehabilitation and Maintenance assistance to Fort Wainwright Alaska, Donnelly Training Area, and Yukon Training Area in support of the 11th Airborne Division Training Support Activity - Alaska Integrated Training Area Management Sustainable Range Program. This project implements the installation Integrated Natural Resources Management Plan 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 Department of Defense lands, and to ensure compliance with all environmental laws and regulations.

See full Funding Opportunity Description in Section I.

Estimated Total Funding: $3,707,438.00	**Estimated Number of Awards**: 1 (one)

Contents of Full Text Announcement

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Contact Information: Questions relating to Grants.gov including the registration process and system requirements should be directed to the Grants.gov Contact Center at 1-800-518-4726.

For assistance with the requirements of this Funding Opportunity Announcement, please contact the Grants Specialist Pamela Iverson at pamela.iverson@usace.army.mil no later than **12:00 p.m. (Alaska time) on 05 May 2025**.

Instructions to Applicants: The complete Funding Opportunity Announcement, application forms, and instructions are available for download at Grants.gov.

Applications in response to this Funding Opportunity Announcement shall be submitted by the application due date. Applications may be submitted electronically via email or through Grants.gov.

Applicants shall have a Unique Entity Identification (UEI) number, registration with the System

of Award Management (SAM), and registration with Grants.gov, if submitting application through Grants.gov.

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

Section I: Funding Opportunity Description

STATEMENT OF WORK
FORT WAINWRIGHT (FWA) AND DONNELLY TRAINING AREA (DTA)
LAND REHABILITATION AND MAINTENANCE (LRAM)
FORT WAINWRIGHT, ALASKA
SOW 25-104
10 April 2025

Task 1 CTC TARP $249,386
Task 2 CTC Winter Maneuver Trails $152,087
Task 3 CTC Snow Removal $75,000
Task 4 YTA TA 315 Mile 3.0-4.9 $815,004
Task 5 YTA TA 315/318 Winter Trails $100,000
Task 6 YTA Johnson Bivouac $700,000
Task 7 YTA Moose Creek Trails $100,000
Task 8 DTA TA 502 FARP $590,585
Task 9 DTA TA 502 BAX ROCA Bivouac $355,738
Task 10 DTA 518/519 ISB New Pads $419,639
Task 11 DTA Jarvis East and Butch Areas TARP $149,999

Project Ceiling Total $3,707,438.00

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-Alaska District (USACE) to implement the United States Army Garrison Fort Wainwright (USAG FWA) Integrated Natural Resources Management Plan (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.

2.0 OBJECTIVES
The objective of this SOW is to implement the INRMP to provide healthy and resilient environments that are sustainable high-quality settings for military training and to protect and enhance biological diversity and ecological health on all Department of Defense (DoD) lands, and to ensure compliance with all environmental laws and regulations.

2.1 Specific objectives include:
- Manage sustainable ecosystems.
- Protect and enhance wetlands and watersheds.
- Manage forest resources.
- Protect and enhance fish and wildlife habitat.
- Repair, revegetate, and enhance training areas.

- Protect soil, water, and vegetative resources by preventing or mitigating soil erosion through conservation practices.
- Improve water quality and increase long and short-term effectiveness of land use for military training purposes.
- Maintain / manage perennial vegetation to support mission requirements and enhance stewardship.

3.0 DESCRIPTIONS APPLICABLE TO ALL TASKS

3.1 Soil, water and vegetation protection and repair

The Recipient will conduct general land/soil stabilization and maneuver damage repair using a variety of methods including but not limited to aerial seeding, band fertilizer, broadcast fertilizer, broadcast seeding, chiseling, diversion ditches, diversion terraces, drill seeding, fabrics and netting, filter stripping, grading and shaping, grassed waterways, gravel/rock, mulch, hydro-seeding, limestone and gypsum, moldboard plowing, non-traditional material, offset disking, riprap, straw mulch, crimped straw mulch, disked sub-soiling, tandem disking, terracing, trenching, brush plowing, hydro-axing, reducing maneuver/training inhibiting vegetation, clearing other natural or manmade material, bulldozing, chaining, furrowing/shredding, applying herbicide, root plowing, or applying emulsions to control dust. The Recipient will reconfigure training areas to protect sensitive areas and benefit the training mission to include but not limited to creating maneuver corridors, planting trees and shrubs, creating hard stands, developing tactical concealment areas, closing or reducing maneuver roads or trails, and constructing tactical road and low water crossings. The Recipient will reduce or thin woody vegetation to allow greater room for maneuverability. The Recipient will harden lanes or trails to allow for greater accessibility and access. The Recipient will prepare approaches to existing roads for tactical vehicle crossings. Project also includes but is not limited to the Recipient installing signs, Seibert Stakes, posts, or other obstacles to discourage maneuver through wetlands or other sensitive areas. The Recipient will create, repair, upgrade, and maintain heavy use areas to limit erosion including but not limited to bivouac areas, firing points, staging areas, and travel lanes. The Recipient will create, upgrade, and maintain tactical concealment areas / islands. The Recipient will plant woody vegetation to create or protect existing vegetation in and around tactical concealment islands and areas. The Recipient will provide cover and concealment by planting and maintaining trees and shrubs in the training areas. The Recipient will conduct road or trail closure and rehabilitation to training areas. The Recipient will close range roads or range road segments and return the land to natural condition to permit maneuver and training. The Recipient will reduce degraded range roads (e.g., expanded width due to vehicles bypassing) to original configuration and dimensions. The Recipient will repair and maintain tactical low water vehicle crossings for tactical vehicles by improving approaches and hardening stream at crossing location. The Recipient will conduct rehabilitation and maintenance of other use areas into training area and converting land used for non-training or non-maneuver purposes to maneuver area. The Recipient will conduct training area closure for permanent or semi-permanent purposes. Project includes but is not limited to the Recipient blocking trails or roads, developing earthen berms, emplacing markings systems, installing bollards, and emplacing other barriers to restrict access into closed areas, and minor land repair and maintenance of drop zones, landing zones, pickup zones, aircraft hover points, and landing pads.

3.2 Erosion Control

The Recipient will conduct erosion control measures on and around maneuver area roads and trails. The Recipient will reduce a degraded maneuver trail to original configuration or dimensions to limit wet area impacts. Project can include but is not limited to the Recipient

grading roadway, installing fabric, installing gravel, installing culverts, and repairing, clearing, or developing ditches. The Recipient will conduct dust erosion control for maneuver area roads and trails by emplacing water, oil, or other emulsion on the road or trail surface. The Recipient will install erosion control measures, such as sediment basins, check dams, gabions, retaining walls, sediment barriers, sediment fences, and sediment traps. The Recipient will employ techniques to prevent or reduce the effects of wind erosion and control dust on and off roads. Methods include but are not limited to windrows, revegetation, and applying water or other emulsions to exposed soil. The Recipient will construct or maintain low water crossings or stream crossings for vehicles to prevent erosion and sedimentation. Methods include but are not limited to rip rap, interlocking cement measures, cement measures, etc. The Recipient will repair firing ranges to control erosion and prevent training land degradation by repairing or maintaining target berms, access roads, assembly areas, or any other components of firing ranges.

3.3 Vegetation and Soil Rehabilitation

The Recipient will conduct soil rehabilitation by employing a number of methods including but not limited to aerial seeding, band fertilizer, broadcast fertilizer, broadcast seeding, chiseling, drill seeding, fabrics and netting, filter stripping, grassed waterways, mulching, hydro-seeding, soil amendments such as limestone and gypsum, moldboard plowing, offset disking, straw mulch, crimped straw mulch, disked sub-soiling, tandem disking, critical area treatment grass sods, grass stolons, rhizomes, or top soiling. The Recipient will conduct stream bank repair or hardening. The Recipient will construct or maintain hardened sites on stream banks or shoreline where bridging training habitually occurs. The Recipient will harden shoreline for use during habitual amphibious training. The Recipient will conduct stream bank habitat improvement. Methods to conduct stream bank repair include but are not limited to root wad stabilization, spruce tree revetment, live siltation or other techniques to secure the toe of slope of the eroded stream bank line. Biological methods of rebuilding stream banks may utilize methods such as brush layering, coir log emplacement, or other techniques. Revegetation methods include willow live staking, vegetative matting methods, or other techniques. The Recipient will retrain the flow of the stream by utilizing methods such as stone thalweg deflectors or other methods utilized to manipulate the flow of water with a stream or river. Methods to harden stream banks include but are not limited to rip rap, interlocking cement measures, etc.

3.4 Sensitive Area Protection

The Recipient will install and maintain protective measures, to include capping with soil, to protect archaeological sites. The Recipient will install and maintain bollards, posts, or other protective measures to prevent public intrusion and/or to prevent military intrusion into environmentally sensitive areas. Includes marking systems and materials such as “Seibert Stakes”.

3.5 Habitat Management

Habitat improvement includes but is not limited to the Recipient cutting woody vegetation, developing or maintaining food plots, or planting herbaceous or woody vegetation. Wildfire prevention includes but is not limited to the Recipient’s repair and maintenance of fire/fuel breaks, other fuels modifications, or fuel reduction. Providing cover and concealment involves the Recipient planting/maintaining/removing perennial woody vegetation to support cover and concealment for military training or improved wildlife habitat.

4.0 MAJOR REQUIREMENTS

4.1 Task 1 – Combat Training Center (CTC) Training Area Repair Plan (TARP)

4.1.1 Project Location

This project will be implemented on training lands impacted by Joint Pacific Multinational Readiness Center (JPMRC) military exercises predominantly in Donnelly Training Area (DTA) East, Yukon Training Area (YTA), Training Areas (TAs) 301, 307, 302, 303, 304 and 309, and TA's 108 and 114 on FWA Main Post.

4.1.2 Project Objective

The Recipient will repair training area damage and address training asset maintenance needs to support the execution of the Regional Combat Training Center (RCTC) military exercises and implementation of the Arctic Strategy mission which occurs annually in the Fiscal Year (FY) Quarter Two (Q2) as part of winter training. This project will help in achieving the goal of supporting training requirements for the 11th ABN DIV: 1-11 Infantry Brigade Combat Team, 2-11 Infantry Brigade Combat Team (Airborne), 1-25th Attack Battalion, 1-52 General Support Aviation Battalion, and Arctic Support Command.

4.1.3 Project Description

The Recipient will repair training area damage of up to 100 acres in the DTA East, up to 100 acres in the YTA TAs, and up to 50 acres on the FWA Main Post TAs. Due to RCTC military exercises annually in FY Q2, typical damage results from operation of vehicles off road when soils are not frozen enough to support the vehicle's weight. Larger vehicles such as Heavy Expanded Mobility Tactical Trucks (HEMMTs), Light Medium Tactical Vehicle (LMTVs), and Joint Light Tactical Vehicle (JLTVs) cause greater damage in addition to the footprint caused when a vehicle gets stuck and must be extracted. Snow plowing in training sites that are not hardened (i.e. in a shrubby area or grassy field) can also cause damage to the vegetation and soils leaving windrows with organic matter and soil mixed in that need to be redistributed over the clearing after the exercise to protect from erosion, re-level the ground surface, and/or protect permafrost soils. Damaged, chopped down, or pushed over trees may also need to be cleared to facilitate future training. Training activities in wetlands that cause a regulated impact (wetland fill) must also be repaired within a reasonable timeframe. Maintenance of previously hardened trails is required to prevent further degradation, to include grading and compaction, repair of shoulders, culverts, and low water crossings. Repair options may include but not limited to off road rut repair, all-terrain vehicle (ATV) harrowing, seed and fertilize, grading and rut repair, levelling snowplow berms, trail grading and compaction, and woody debris removal.

4.1.4 Environmental Documentation, Permitting and Consultation

Repair, maintenance, and recovery projects such as these were analyzed in the 2020 INRMP, 2013 INRMP Programmatic Environmental Assessment (PEA) and the 2009 U.S. Army Garrison Alaska's Range Complex and Training Land Upgrades PEA. An environmental checklist was submitted to FWA Directorate of Public Works (DPW) in accordance with the provisions of the PEA and coordinated with the FWA NEPA Coordinator. Most of DTA East, FWA Main Post, and significant portions of YTA have been surveyed for cultural resources. The Recipient will coordinate with the FWA Cultural Resources Manager (CRM) prior to work to ensure cultural resources are not impacted. USACE Nation Wide Permit (NWP) Number three (3) covers maintenance activities of previously authorized, currently serviceable structures or fills. If damage repairs needed outside existing project areas will result in impacts to wetlands, further coordination by the Recipient is required to use the USARAK Regional General Permit. The Recipient will use best management practices (BMPs) to reduce impacts to any adjacent wetlands. Vegetation clearing must be conducted by the Recipient outside the Migratory Bird Treaty Act (MBTA) nesting window of 1 May – 15 July recommended by the USFWS or use of

other approved BMPs. An Alaska Department of Environmental Conservation (ADEC) Construction General Permit (CGP) and Storm Water Pollution Prevention Plan (SWPPP) will be obtained by the Recipient, if necessary.

4.1.5 Treatment Options

1. ATV harrowing, per acre
2. ATV seed and fertilizer labor and materials, per acre
3. Tractor rut repair off road – ruts up to 10 inches deep, per 100 linear feet, or per acre
4. Dozer grading and rut repair – ruts and excavation holes up to 2 feet deep, per acre
5. Trail grading and compaction, per 1000 linear feet
6. Pit run gravel installed, per cubic yard
7. 3 inch minus gravel installed, per cubic yard
8. 12-inch culvert installation, per linear foot
9. 18-inch culvert installation, per linear foot
10. Chipping, masticating, or pile and burning woody debris

4.2 Task 2 – CTC Winter Maneuver Trails

4.2.1 Project Location

This project will be implemented on training lands impacted by JPMRC 26-02 scheduled for FY26 Q2 which may occur in either DTA or YTA.

4.2.2 Project Objective

This project will create and maintain winter maneuver trails to support the execution of the RCTC concept and implementation of the Arctic Strategy. This project will help in achieving the goal of supporting training requirements for the 11th ABN DIV: 1-11 Infantry Brigade Combat Team, 2-11 Infantry Brigade Combat Team (Airborne), 1-25th Attack Battalion, 1-52 General Support Aviation Battalion, and Arctic Support Command.

4.2.3 Project Description

The Recipient will install and maintain up to 10 miles of winter maneuver trails to provide for oversnow (tracked) and/or up to 50 miles of wheeled vehicle traffic. This includes initial installation of trails by clearing encroaching vegetation and using compressed snow and/or water to create a trafficable surface. The Recipient will level and smooth trails to resemble an all-weather driving surface. Oversnow capable trails will have minimal hardening while wheeled vehicle trails will involve significant compaction of snow in layers to build up a 6-12 inch “hardpack”. The addition of water sprayed onto the surface in repeated layers could be used to treat areas where the subbase is less firm and prone to pothole formation.

The Recipient will install ice bridges over streams/rivers and/or lakes, thickening existing ice by flooding in layers until strength requirements are met for anticipated vehicles. This also includes breaching of bridges at the end of the season to promote natural flows.

Maintenance of maneuver trails includes grooming to remove minor ruts, snow plowing, and pothole repairs using water and snow.

4.2.4 Environmental Documentation, Permitting and Consultation

Repair, maintenance, and recovery projects such as these were analyzed in the 2020 INRMP, 2013 INRMP PEA and the 2009 U.S. Army Garrison Alaska’s Range Complex and Training Land Upgrades PEA. An environmental checklist was submitted to FWA DPW in accordance with the provisions of the PEA and coordinated with the FWA NEPA Coordinator. The

Recipient will coordinate with the FWA CRM prior to work to ensure cultural resources are not impacted. NWP Number 3 covers maintenance activities of previously authorized, currently serviceable structures or fills. If damage repairs needed outside existing project areas will result in impacts to wetlands, further coordination by the Recipient is required to use the USARAK Regional General Permit. The Recipient will use BMPs to reduce impacts to any adjacent wetlands. Vegetation clearing must be conducted by the Recipient outside the MBTA nesting window of 1 May – 15 July recommended by the USFWS or use of other approved BMPs. A, ADEC CGP and SWPPP will be obtained by the Recipient if necessary. Ice bridging sites require fish habitat permitting prior to installing crossings and require bridges to be breached prior to breakup. Only snow and ice may be used by the Recipient to construct ice bridges.

4.2.5 Treatment

Maneuver Trail Installation (snow depth 6 inches or more and soils frozen)

1. Wheeled traffic
    a. The Recipient will clear encroaching vegetation from trail;
    b. Compress snow repeatedly in 3–6-inch layers to produce a firmly compacted trail approximately 6-12 feet thick; and
    c. Smooth surface to fill holes and promote a driving speed of 20 mph.
2. Oversnow (tracked) vehicles
    d. The Recipient will clear encroaching vegetation from trail;
    e. Compress snow and groom surface to level and smooth; and
    f. Fill all holes consistent with adjacent trail gradients and promote driving speeds of 20 mph or less.

Maneuver Trail Maintenance

1. The Recipient will fill potholes consistent with overall trail construction;
2. The Recipient will plow snow from wheeled maneuver trails when snow accumulation is over 3 inches and/or drifted; and
3. Regroom oversnow trails when snow accumulation is over 3 inches and/or drifted.

Ice Bridges

1. The Recipient will install and maintain ice bridges in accordance with accepted methods compiled by Cold Regions Research and Engineering Laboratory (CRREL) published February 1, 2023.

4.3 Task 3 – CTC Snow Removal

4.3.1 Project Location

This project will be implemented on training lands impacted by JPMRC 26-02 scheduled for FY26 Q2 which may occur in either DTA or YTA.

4.3.2 Project Objective

This project will remove snow to support the execution of the RCTC concept and implementation of the Arctic Strategy. Areas in the training lands (roads and facilities) will be cleared of snow as necessary to support the exercise. This project will help in achieving the goal of supporting training requirements for the 11th ABN DIV: 1-11 Infantry Brigade Combat Team, 2-11 Infantry Brigade Combat Team (Airborne), 1-25th Attack Battalion, 1-52 General Support Aviation Battalion, and Arctic Support Command.

4.3.3 Project Description

Sites requiring snow removal identified in planning workshops for the RCTC/JPMRC rotation

will be cleared by the Recipient prior to the exercise. Sites will include staging areas, bivouacs, landing zones (LZ) or other areas that will need to support wheeled vehicles. The Recipient will be support up to 100 acres of bivouac, staging areas, etc. and up to 5 miles of access trails.

The Recipient will provide for snow removal post exercise to facilitate access to sites for cleanup/clearance, hazard removal, or other land management concerns resulting from the training event.

4.3.4 Environmental Documentation, Permitting and Consultation
Repair, maintenance, and recovery projects such as these were analyzed in the 2020 INRMP, 2013 INRMP PEA and the 2009 U.S. Army Garrison Alaska's Range Complex and Training Land Upgrades PEA. An environmental checklist was submitted to FWA DPW in accordance with the provisions of the PEA and coordinated with the FWA NEPA Coordinator. The Recipient will coordinate with the FWA CRM prior to work to ensure cultural resources are not impacted. NWP Number 3 covers maintenance activities of previously authorized, currently serviceable structures or fills. If damage repairs needed outside existing project areas will result in impacts to wetlands, further coordination is required to use the USARAK Regional General Permit. The Recipient will use BMPs to reduce impacts to any adjacent wetlands. Vegetation clearing must be conducted by the Recipient outside the MBTA nesting window of 1 May – 15 July recommended by the USFWS or use of other approved BMPs. An ADEC CGP and SWPPP will be obtained by the Recipient if necessary. Ice bridging sites require fish habitat permitting prior to installing crossings and require bridges to be breached prior to breakup. Only snow and ice may be used by the Recipient to construct ice bridges.

4.3.5 Treatment
The Recipient will accomplish snow removal tasks using front end loaders, graders, skid steers, or bull dozers as appropriate for site conditions.

4.4 Task 4 – YTA TA 315 Mile 3.0-4.9

4.4.1 Project Location
The project is located primarily in TA 315 of the YTA on Fort Wainwright starting from Firing Point (FP) 16 in TA 306 to higher ground in TA 315 and around the northern region of the Stuart Creek Impact Area (SCIA).

4.4.2 Project Objective
Maneuver trails capable of supporting wheeled military vehicles are limited in TA 315 with current infrastructure supporting light tracked vehicles only. This project will enhance the existing trail infrastructure in the area to support maneuver for the 11th ABN DIV and the Arctic Strategy to include the RCTC model. Access will support unidirectional traffic capable of supporting military vehicles up to speeds of 25 mph year-round. Additionally, this project will provide access to emergency response providers to include wildland fire protection resources.

4.4.3 Project Description
The Recipient will clear and grub vegetation at Mile 3.0-4.9 approximately 40 feet on each side of the trail centerline, depending on slope and turning radius, at marked locations. Pit-run gravel or hard rock material sites from the nearest available source will be installed by the Recipient at marked locations and compacted to Class C. The top width will be approximately 18 feet wide with no steeper than 2:1 side slopes, where terrain allows. Low water crossings or culverts will be installed by the Recipient to maintain hydraulic connections from one side of the trail to the other. Ditches will be installed by the Recipient to facilitate drainage and limit

erosion. Reconfiguration by the Recipient will focus on sustainability and designed to support a variety of military and emergency support vehicles, including HEMTT and FMTV support vehicles.

4.4.4 Environmental Documentation, Permitting and Consultation
Repair, maintenance and recovery projects such as these were analyzed in the 2020 INRMP, 2013 INRMP PEA and the 2009 U.S. Army Garrison Alaska's Range Complex and Training Land Upgrades PEA. An environmental checklist was submitted and reviewed by FWA NEPA Program Manager in accordance with the provisions of the PEA. Cultural resources sites will be marked, and soil disturbing activities will be prohibited in these areas. Likewise, every effort has been made to locate all disturbances away from cultural resources to the extent practicable and not realizing a detriment to training. The area has been delineated for wetlands and all ground disturbing activities will occur entirely in uplands. Wetland boundaries will be delineated by the Recipient to avoid inadvertent fill. The Recipient will use BMPs in order to minimize sedimentation of adjacent vegetated areas and drainage systems. Vegetation clearing must be conducted by the Recipient outside the MBTA nesting window of 1 May – 15 July as recommended by the USFWS or use of other BMPs approved by FWA DPW. Coverage under the ADEC CGP and a SWPPP will be required to be obtained by the Recipient if ground disturbance is greater than one acre. There are no known contamination or unexploded ordnance (UXO) concerns.

4.4.5 Treatment
Trail Clearing:
1. The Recipient will clear trail right of way approximately 40 feet wide.
2. Maximum debris size not to exceed 6 inches in diameter and 6 feet long.

Grubbing:
1. The Recipient will remove organic materials from the trail footprint; and
2. Will spread and shape material to facilitate future maintenance of shoulders and ditches.

Hardening:
1. The Recipient will install 1-2 feet of three (3) inch minus gravel. Class C compaction required.
2. Top driving surface is to be 18 feet wide.
3. The Recipient will install geotextile in areas of poor soil strength and/or over excavate down to suitable soils.
4. Side slopes shall be no greater than 2:1 installed straight and neat.

Drainage:
1. The Recipient will install culverts or low water crossings as needed.
2. Ditches are to be installed to facilitate drainage.
3. Driving surface to have a 2% crown or outsloped as appropriate.

Salvageable Timber:
1. The Recipient shall stack all salvageable timber in decks between 1 and 10 cords in size.
2. Salvageable timber includes all birch, spruce, and aspen greater than 6 inches in diameter.
3. The Recipient shall grind tops and stumps to a debris size consistent with project requirements.

All compaction will be Class C: a minimum of three (3) passes with a smooth vibrator drum roller with a minimum weight of 24,000 lbs., minimum vibration of 1,800 vibrations per minute (VPM), and a centrifugal force of 55,000 lbs. or greater.

4.5 Task 5 – YTA TA 315/318 Winter Trails

4.5.1 Project Location
This project is located in TAs 315 and 318 in the Northeast YTA. Trails will leverage off existing and projected infrastructure improvements and enable seasonal access to the Pine Creek and upper South Fork Chena River Valleys.

4.5.2 Project Objective
This project will enhance the existing trail infrastructure in the area to support maneuver for the 11th ABN DIV and the Arctic Strategy to include the RCTC model. Winter maneuver access to over 35,000 acres of training land would be enhanced by this project as well as increased connectivity within the YTA.

4.5.3 Project Description
The Recipient shall clear trees and shrubs from up to 23 miles of trail. Existing trails will be utilized to the extent practicable. Ground surface vegetation/cover will be left intact in permafrost affected soils to minimize degradation of frozen soils. Cuts in upland and non-frozen soil types may be installed by the Recipient to mitigate for excessive side slopes and will be stabilized and shaped for proper drainage and water management. The Recipient shall minimize slopes of the trail alignment.

4.5.4 Environmental Documentation, Permitting and Consultation
Repair, maintenance and recovery projects such as these were analyzed in the 2020 INRMP, 2013 INRMP PEA and the 2009 U.S. Army Garrison Alaska's Range Complex and Training Land Upgrades PEA. An environmental checklist was submitted and reviewed by FWA NEPA Program Manager in accordance with the provisions of the PEA. Cultural resources sites will be marked, and soil disturbing activities will be prohibited in these areas. Likewise, ever effort has been made to locate all disturbances away from cultural resources to the extent practicable and not realizing a detriment to training. The area has been delineated for wetlands and all ground disturbing activities by the Recipient will occur entirely in uplands. Wetland boundaries will be delineated by the Recipient to avoid inadvertent fill. The Recipient shall utilize BMPs in order to minimize sedimentation of adjacent vegetated areas and drainage systems. Vegetation clearing must be conducted by the Recipient outside the MBTA nesting window of 1 May – 15 July as recommended by the USFWS or use of other BMPs approved by FWA DPW. Coverage under the ADEC CGP and a SWPPP would be required by the Recipient if ground disturbance is greater than one acre. There are no known contamination or UXO concerns.

4.5.5 Treatment
Trail Clearing:

1. The Recipient will clear trail right of way approximately 20 feet wide.
2. Maximum debris size not to exceed 3 inches in diameter and 4 feet long.
3. The Recipient will grind stumps level with ground surface.

Drainage: non permafrost soils only

1. The Recipient will install culverts or low water crossings as needed.
2. Ditches are to be installed to facilitate drainage.
3. Driving surface is to have a 2% crown or out-sloped as appropriate.

Salvageable Timber:

1. The Recipient shall stack all salvageable timber in decks between 1 and 10 cords in size.
2. Salvageable timber includes all birch, spruce, and aspen greater than 6 inches

in diameter.
3. The Recipient shall grind tops and stumps to a debris size consistent with project requirements.

4.6 Task 6 – YTA Johnson Bivouac

4.6.1 Project Location
The Johnson Road Bivouac project is located in TAs 315 and 313 along Johnson Road in the Southern region of the YTA.

4.6.2 Project Objective
Support the execution of the RCTC concept and implementation of the Arctic Strategy through reconfiguration of training areas near Charlie Battery in the YTA. This project will help in achieving the goal of supporting JPMRC rotations in the YTA and providing for much needed open areas for staging personnel and equipment. Improve access for flow of vehicles and personnel.

4.6.3 Project Description
The Recipient shall remove trees and shrubs from up to 60 acres of training lands accessible from Johnson Road and existing infrastructure to include salvageable timber. The Recipient shall level the ground surface, compact subgrade, install gravel parking areas, seed and fertilize exposed soils. The Recipient shall install interconnecting, gravel hardened access trails. Shape access and pads for drainage and future maintenance activities.

4.6.4 Environmental Documentation, Permitting and Consultation
Repair, maintenance and recovery projects such as these were analyzed in the 2020 INRMP, 2013 INRMP PEA and the 2009 U.S. Army Garrison Alaska's Range Complex and Training Land Upgrades PEA. A draft environmental checklist has been completed in accordance with the provisions of the PEA for approval by the FWA NEPA Coordinator. The area has been surveyed for cultural resources and there are no conflicts. A construction general permit and SWPPP will be obtained by the Recipient. No vegetation clearing will occur by the Recipient during the MBTA sensitive nesting time period of 1 May – 15 July.

4.6.5 Treatment
Site Preparation:
1. The Recipient will clear vegetation within the bivouac footprint areas (58.5 acres).
    a. Residual piece size less than three (3) inches in diameter and 6 feet in length.
    b. Stumps to be ground level with the ground surface.
2. The Recipient will grub and remove overburden in gravel access and parking areas (up to 20 acres).
3. The Recipient will grade and compact sub grade prior to placement of any Geo-Textile or fill material.
4. Compact base to a class C compaction.

Parking and Access:
1. The Recipient will install a base fill of compacted pit run aggregate at marked locations.
2. The Recipient will place fill in lifts no greater than 12-inch lifts un-compacted and compact to class C specifications.
3. Access from roads will seamlessly tie in and will require culverts with markers as necessary.
4. The Recipient will grade pads and access with a slope with positive drainage and constructed side slopes no steeper than 2:1.

Berms:

1. The Recipient will construct to facilitate future mowing/maintenance.
2. Side slopes will be constructed not steeper than 3:1
3. The Recipient will compact to a class C compaction
4. Berms will allow for drainage down gradient of the bivouac sites and avoid ponding.

Vegetation Treatments:

1. The Recipient shall stack all salvageable timber in decks between 1 and 10 cords in size.
2. Salvageable timber includes all birch, spruce, and aspen greater than 6 inches in diameter.
3. The Recipient shall seed all disturbed areas with native seed mix for erosion control and fertilized as appropriate.

4.7 Task 7 – YTA Moose Creek Trails

4.7.1 Project Location

This project is located in TAs 307 and 308 in the YTA. Trails will leverage off existing and projected infrastructure improvements and enable winter access through the Moose Creek Valley.

4.7.2 Project Objective

This project will enhance the existing trail infrastructure in the area to support maneuver for the 11th ABN DIV and the Arctic Strategy to include the RCTC model. Winter maneuver access to training lands will be enhanced by this project as well as increased connectivity within the YTA.

4.7.3 Project Description

The Recipient shall clear trees and shrubs for up to 38 miles of trail. Existing trails will be utilized to the extent practicable. Ground surface vegetation/cover will be left intact by the Recipient in permafrost affected soils to minimize degradation of frozen soils. Cuts in upland and non-frozen soil types may be installed by the Recipient to mitigate for excessive side slopes and will be stabilized and shaped for proper drainage and water management. The Recipient shall minimize slopes of the trail alignment.

4.7.4 Environmental Documentation, Permitting and Consultation

Repair, maintenance and recovery projects such as these were analyzed in the 2020 INRMP, 2013 INRMP PEA and the 2009 U.S. Army Garrison Alaska's Range Complex and Training Land Upgrades PEA. An environmental checklist was submitted and reviewed by FWA NEPA Program Manager in accordance with the provisions of the PEA. Cultural resources sites will be marked, and soil disturbing activities will be prohibited in these areas. Likewise, ever effort has been made to locate all disturbances away from cultural resources to the extent practicable and not realizing a detriment to training. The area has been delineated for wetlands and all ground disturbing activities will occur entirely in uplands. Wetland boundaries will be delineated to avoid inadvertent fill. The Recipient shall utilize BMPs in order to minimize sedimentation of adjacent vegetated areas and drainage systems. Vegetation clearing must be conducted by the Recipient outside the MBTA nesting window of 1 May – 15 July as recommended by the USFWS or use of other BMPs approved by FWA DPW. Coverage under the ADEC CGP and a SWPPP would be required of the Recipient if ground disturbance is greater than one acre. There are no known contamination or UXO concerns.

4.7.5 Treatment

Trail Clearing:

1. The Recipient will clear trail right of way approximately 20 feet wide.
2. Maximum debris size not to exceed 3 inches in diameter and 4 feet long.
3. The Recipient shall grind stumps level with ground surface.

Drainage: non permafrost soils only

1. The Recipient will install culverts or low water crossings as needed.
2. Ditches are to be installed to facilitate drainage.
3. Driving surface to have a 2% crown or out-sloped as appropriate.

Salvageable Timber:

1. The Recipient will stack all salvageable timber in decks between 1 and 10 cords in size.
2. Salvageable timber includes all birch, spruce, and aspen greater than 6 inches in diameter.
3. The Recipient shall grind tops and stumps to a debris size consistent with project requirements.

4.8 Task 8 – DTA TA 502 New Forward Arming and Refueling Point (FARP). Work Order # PTM-D2504-5J.

4.8.1 Project Location.
TA 502 is in DTA East and is north of 33-Mile Loop Rd and the BAX, and east of Buffalo Drop Zone (DZ).

4.8.2 Project Objective
Support the execution of the Regional Combat Training Center (CTC) concept and implementation of the Arctic Strategy through reconfiguration of training areas near the Battle Area Complex (BAX). This project will help in achieving the goal of supporting aviation training requirements for the 11th ABN DIV: 1-25th Attack Battalion, 1-52 General Support Aviation Battalion, and Arctic Support Command.

4.8.3 Project Description
The Recipient shall remove vegetation, salvage timber, grade and compact, and surface with crushed gravel appropriate to helicopter operations. The Recipient shall add soil stabilizer to achieve dust suppression specifications and add topsoil, fertilize, and reseed adjacent disturbed areas. Total project footprint is approximately 3.3 acres.

4.8.4 Environmental Documentation, Permitting and Consultation
Repair, maintenance and recovery projects such as these were analyzed in the 2020 INRMP, 2013 INRMP PEA and the 2009 U.S. Army Garrison Alaska's Range Complex and Training Land Upgrades PEA. A draft environmental checklist has been completed in accordance with the provisions of the PEA for approval by the FWA NEPA Coordinator. The area has been surveyed for cultural resources and there are no conflicts. The planning level wetland survey will enable exact project siting that avoids wetlands as much as possible, although a site-specific survey and wetland permit under USAG Alaska's Regional General Permit may be needed. An ADEC CGP and SWPPP will be obtained by the Recipient. No vegetation clearing must occur by the Recipient during the MBTA sensitive nesting time period of 1 May – 15 July.

4.8.5 Treatment
Site Preparation:

1. The Recipient will clear vegetation within the 600 feet x 1000 feet FARP obstacle

clearance footprint, plus areas listed in Item #2 below (15.8 acres).
2. The Recipient will grub and remove overburden in gravel access, pad, apron, and helipad areas (1.6 acres) to Buffalo Bivouac closed gravel pit (marked).
3. The Recipient will grade and compact sub grade prior to placement of any Geo-Textile or fill material.
4. Compact base to a class C compaction.
5. The Recipient will place Amoco 2002 or equivalent Geo-Textile

Helipads and Access:

1. All material will come from the Buffalo DZ pit.
2. Approximately 1.6 acres of pad and access will be constructed with compacted fill.
    a. The Recipient will install a base fill of compacted pit run aggregate at marked locations.
    b. The Recipient will install a 6-inch cap of crushed and interlocked gravel.
    c. The Recipient will apply soil stabilizer to minimize dust generation during helicopter operations.
3. The Recipient will place fill in lifts no greater than 12 inch un-compacted and compact to class C specifications.
4. Access from the ROCA Road will seamlessly tie in and will require culverts with markers. Project may require cable protection using concrete encased split ducts per 59th Signal's specifications.
5. The Recipient will grade pads with a slope for positive drainage and constructed side slopes no steeper than 2:1.

Berms:

1. The Recipient will construct safety berms with site preparation and compacted fill in the same general manner as the pad and access components above.
    a. The Recipient will build up site with fill to the required height to contain accidentally discharged arms, estimated to be 15 feet, and with a 1:1 slope.
    b. The Recipient will construct swale between berms and helipads with drainage to the east.

Vegetation Treatments:

1. The Recipient will stack all salvageable timber shall be stacked in decks between 1 and 10 cords in size.
2. Salvageable timber includes all birch, spruce, and aspen greater than 6 inches in diameter.
3. The Recipient shall grind tops and stumps shall be removed with the overburden (see Site Preparation).
4. The Recipient will seed all disturbed areas with native seed mix for erosion control and fertilized as appropriate.

4.9 Task 9 – DTA TA 502 BAX ROCA Bivouac. Work Order # PTM-D2505-5J.

4.9.1 Project Location

TA 502 is in DTA East and is north of 33-mile Loop Rd and the BAX, and east of Buffalo DZ.

4.9.2 Project Objective

Support the execution of the RCTC concept and implementation of the Arctic Strategy through reconfiguration of training areas near the BAX. This project will help in achieving the goal of supporting aviation and airborne operations training requirements for the 11th ABN DIV: 1-25th Attack Battalion, 1-52 General Support Aviation Battalion, 1-11 Infantry Brigade Combat Team, 2-11 Infantry Brigade Combat Team (Airborne), and Arctic Support Command.

4.9.3 Project Description

The Recipient will stabilize soil by hardening pads and access for aviation unit bivouac use within walking distance of the BAX ROCA and the new proposed FARP. The Recipient will create a bivouac site based around a centralized hardened assembly pad and loop 0.5 mile in length with two access points. The trail and pad locations avoid wetlands and construction will restrict vegetation clearing to just the area to be hardened. The Recipient will create 13 half-circular gravel parking/tent pads with a radius of 30 feet arrayed around the loop trail. The Recipient will include a central 140-foot by 200-foot assembly pad with connecting trails. The Recipient will seed and fertilize all disturbed areas between hardened trail/pads and vegetation. This project will impact 3.0 acres previously undisturbed.

4.9.4 Environmental Documentation, Permitting and Consultation

Repair, maintenance and recovery projects such as these were analyzed in the 2020 INRMP, 2013 INRMP PEA and the 2009 U.S. Army Garrison Alaska's Range Complex and Training Land Upgrades PEA. A draft environmental checklist has been completed in accordance with the provisions of the PEA for approval by the FWA NEPA Coordinator. The area has been surveyed for cultural resources and there are no conflicts. The planning level wetland survey indicates no wetlands in the area, although a site-specific survey and wetland permit under USAG Alaska's Regional General Permit may be needed. An ADEC CGP and SWPPP will be obtained by the Recipient. No vegetation clearing will occur by the Recipient during the MBTA sensitive nesting time period of 1 May – 15 July.

4.9.5 Treatment

Site Preparation:

1. The Recipient will clear vegetation on 432 feet of access route, 1740 feet of loop trail, and 1.0 acres of pad footprints.
2. The Recipient will grub and remove overburden or use a hydroaxe and leave material in place.

Pad and Access:

1. All gravel material will come from the Buffalo DZ pit.
2. The Recipient will harden 13 half-circular pads with a radius of 30 feet with 18 inches of compacted screened pit run material.
3. The Recipient will harden a central 140-foot by 200-foot assembly pad with connecting trails.
4. Material will be placed in lifts no greater than 12 inches un-compacted and compact to Class C specifications.
5. Side slopes to be no steeper than 2:1, with constructed uniform pad edges.
6. The Recipient will grade pads to provide appropriate drainage.
7. Pads shall have a seamless tie with the trail.

Vegetation Treatments:

1. The Recipient will stack all salvageable timber in decks between 1 and 10 cords in size, either out of the way on-site, or at the firewood collection point.
2. Salvageable timber includes all birch, spruce, and aspen greater than 6 inches in diameter.
3. The Recipient shall grind tops and stumps shall be removed with the overburden or chipped (see Site Preparation).
4. The Recipient will seed all disturbed areas with native seed mix for erosion control and fertilized as appropriate.

All compaction will be Class C: a minimum of three (3) passes with a smooth vibrator drum roller with a minimum weight of 24,000 lbs., minimum vibration of 1,800 VPM, and a centrifugal force of 55,000 lbs. or greater.

4.10 Task 10 – DTA TA 518/519 Intermediate Staging Base (ISB) New Pads. Work Order # PTM-D2506-5J.

4.10.1 Project Location
The ISB is in Training Areas 518 and 519 just west of the Richardson Hwy on South Wills Range Road.

4.10.2 Project Objective
Support the execution of the RCTC concept and implementation of the Arctic Strategy through reconfiguration of training areas near the ISB. Create new large and small assembly pads to complement the existing pads that now have “temporary” structures on them. This project will help in achieving the goal of supporting all training requirements for the 11th ABN DIV and visiting units.

4.10.3 Project Description
The Recipient will create additional one (1) to three (3) gravel hardstand pads at the ISB at DTA. The Recipient will construct a new 4.2-acre pad north of the existing pads, with 3 ingress/egress locations 32 feet wide for 2-way traffic. The Recipient may construct a 0.8-acre pad north of existing Pad #5 that integrates Pads #4 and 5 into a larger single pad. The Recipient may fill in the 2.7-acre center of the Main Supply Route (MSR) Bivouac, which was an early circular bivouac Stryker design. This will create another larger assembly pad with more flexibility in usage. The Recipient will salvage all trees over 6 inches in diameter. The Recipient will seed and fertilize all disturbed areas. Gravel material will be obtained from the Observation Point (OP) 2 gravel just to the north of the ISB. Overburden will be deposited in the engineer pit just south of the MSR Bivouac. The Recipient shall access work sites utilizing existing gravel roads – cross-country driving is prohibited. If all 3 pad options are constructed, total footprint will be 7.7 acres.

4.10.4 Environmental Documentation, Permitting and Consultation
Repair, maintenance, and reconfiguration projects such as these were analyzed in the 2013 INRMP PEA and the 2009 U.S. Army Garrison Alaska’s Range Complex and Training Land Upgrades PEA. An environmental checklist will be completed in accordance with the provisions of the PEA and coordinated with the FWA NEPA Coordinator. The project area was surveyed for cultural resources in 2005 and 2006, and there are no conflicts. The project area is not in or adjacent to wetlands. Vegetation clearing must be conducted by the Recipient outside the MBTA nesting window of 1 May – 15 July recommended by the USFWS or use other approved BMPs. An ADEC CGP and SWPPP will be obtained by the Recipient when required.

4.10.5 Treatment
Site Preparation:

1. The Recipient will salvage timber.
2. The Recipient will clear and grub 145 feet of access trail, and 7.7 acres of pad footprint.

Pads:

1. Fill material is available from the existing OP 2 gravel pit just to the north of the ISB. Pad 2.c. below will utilize some material from the existing bivouac site due to its excess height (i.e. too much fill was used in original 2015 construction of the bivouac).
2. The Recipient will harden up to three pads
    a. One (1) 270-foot by 676-foot assembly pad with short connecting trails to existing pad and trail network.
    b. One (1) 290-foot by 136-foot assembly pad tied into 2 existing smaller pads to

create one larger pad.

c. One (1) 390-foot diameter circular pad within an existing wagon wheel-style bivouac site to create one large pad.

3. The Recipient will place material in lifts no greater than 12 inches un-compacted and compact to Class C specifications.
4. Side slopes to be no steeper than 2:1, with constructed uniform pad edges.
5. The Recipient will grade pad to provide appropriate drainage.
6. Pad shall have a seamless tie with the access trails and existing pads.

Vegetation Treatments:

1. The Recipient will stack all salvageable timber in decks between 1 and 10 cords in size, either out of the way on-site, or at the firewood collection point.
2. Salvageable timber includes all birch, spruce, and aspen greater than 6 inches in diameter.
3. The Recipient will stack tops and stumps shall be removed with the overburden (see Site Preparation).
4. The Recipient shall seed all disturbed areas with native seed mix for erosion control and fertilized as appropriate.

All compaction will be Class C: a minimum of 3 passes with a smooth vibrator drum roller with a minimum weight of 24,000 lbs., minimum vibration of 1,800 VPM, and a centrifugal force of 55,000 lbs. or greater.

4.11 Task 11 – DTA Jarvis East and Butch Areas Training Area Repair Plan (TARP) Work Order # TBD.

4.11.1 Project Location

Training Areas 501-532 between the eastern boundary and the Delta River, with a focus on training areas east of Jaris Creek and south of the BAX.

4.11.2 Project Objective

Repair training area damage and address training asset maintenance needs to support the execution of the RCTC concept and implementation of the Arctic Strategy. This project will help in achieving the goal of supporting training requirements for the 11th ABN DIV: 1-11 Infantry Brigade Combat Team, 2-11 Infantry Brigade Combat Team (Airborne), 1-25th Attack Battalion, 1-52 General Support Aviation Battalion, and Arctic Support Command.

4.11.3 Project Description

The Recipient will repair up to 220 acres of varying repair methods, and up to 5 miles of off-road rut repair and trail grading/compaction due to training area damage that occurs from field training exercises in support of the Arctic Strategy, 11th ABN DIV and other training activities taking place on DTA. Typical damage results from engineer operations such as digging vehicle defilades, “tank trap” trenches, defensive areas, mechanical backfilling of hand dug fighting positions, etc. Typical damage also results from operation of vehicles on roads during extremely wet periods, and off road when soils are not frozen enough to support the vehicle’s weight. Larger vehicles such as HEMMTs and LMTVs cause greater damage in addition to the footprint caused when a vehicle gets stuck and must be extracted. Snow plowing training sites that are not hardened (i.e. in a shrubby area or grassy field) can also cause damage to the vegetation and soils. Snow plowing may leave windrows with organic matter and soil mixed in that need to be redistributed by the Recipient over the clearing after the exercise. The Recipient will clear damaged, chopped down or pushed over trees. Training activities in wetlands that cause a regulated impact must also be repaired by the Recipient within a

reasonable timeframe. Repair options include off road rut repair; ATV harrowing; seed and fertilize; dozer grading and rut repair; dozer smoothing of snowplow berms; trail grading and compaction; and chipping or masticating woody debris.

4.11.4 Environmental Documentation, Permitting and Consultation
Repair, maintenance, and recovery projects such as these were analyzed in the 2013 INRMP PEA and the 2009 U.S. Army Garrison Alaska's Range Complex and Training Land Upgrades PEA. An environmental checklist will be submitted to FWA DPW in accordance with the provisions of the PEA and coordinated with the FWA NEPA Coordinator. Coordinate with the FWA CRM prior to work to ensure cultural resources are not impacted. NW Permit #3 covers maintenance activities of previously authorized, currently serviceable structures or fills. If damage repairs needed outside existing project areas will result in impacts to wetlands, further coordination is required to use the USARAK Regional General Permit. The Recipient will use BMPs to reduce impacts to any adjacent wetlands. Vegetation clearing must be conducted by the Recipient outside the MBTA nesting window of 1 May – 15 July recommended by the USFWS or use of other approved BMPs. An ADEC CGP and SWPPP will be obtained by the Recipient if necessary. Ice bridging sites require fish habitat permitting prior to installing crossings and require bridges to be breached prior to breakup. Only snow and ice may be used by the Recipient to construct ice bridges.

4.11.5 Treatment Options

1. Tractor brush mowing – up to 2 inches diameter brush, per acre.
2. ATV brush mowing, per acre.
3. ATV harrowing, per acre.
4. ATV seed and fertilizer labor and materials, per acre.
5. Tractor rut repair off road – ruts up to 10 inches deep, per 100 linear feet or per acre.
6. Dozer grading and rut repair – ruts and excavation holes up to 2 feet deep, per acre.
7. Trail grading and compaction, per 1000 linear feet.
8. Pit run gravel installed, per cubic yard.
9. 3 inch minus gravel installed, per cubic yard.
10. 12-inch culvert installation, per linear foot.
11. 18-inch culvert installation, per linear foot.

5.0 GENERAL SPECIFICATIONS

5.1 Recipient's General Notes:

- The Recipient is responsible for coordinating with the appropriate Range Control before beginning activities in the training lands.
- The Recipient may be asked to suspend activities because of heightened Force Protection Condition (FPCON) levels. These FPCON actions may include delays in accessing Post and even denial of access.
- The Recipient is responsible for ensuring that he and his sub-recipients all possess all the necessary documents to gain access to FWA or DTA as needed. The list may include but is not limited to, a valid Alaska driver's license, current vehicle registration, proof of insurance, and Commercial Driver's License (CDL) endorsements appropriate to the equipment being operated.
- The Prime Recipient and their sub-recipients are responsible for all damages they incur during construction. Examples include but are not limited to repairing damage caused by repeated trips to the construction areas by heavy equipment; or repairing areas damaged

by turn-around points, staging areas, and or maintenance and refuel areas.
- Project sites will be marked by the Recipient prior to construction start up.

5.2 Recipient Employee Government Access Requirements

5.2.1 AT Level I Training. This standard language is for Recipient employees with an area of performance within an Army controlled installation, facility or area. All Recipient employees, to include sub-recipient employees, requiring access Army installations, facilities and controlled access areas shall complete Anti-Terrorism (AT) Level I awareness training within 60 calendar days after CA start date or effective date of incorporation of this requirement into the agreement, whichever is applicable. The Recipient shall submit certificates of completion for each affected Recipient employee and sub-recipient employee, to the Grants Officers Representative (GOR) or to the Grants Officer (GO), if a GOR 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

5.2.2 Access and general protection/security policy and procedures. Recipient and all associated sub-recipients 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 must comply with all personal identity verification requirements (as directed by DoD, HQDA and/or local policy. Should the Force Protection Condition (FPCON) at any individual facility or installation change, the Government may require changes in recipient security matters or processes.

5.2.3 For Recipients that do not require CAC, but require access to a DoD facility or installation. Recipient and all associated sub-recipient employees shall comply with adjudication standards and procedures using the National Crime Information Center Interstate Identification Index (NCIC-III) and Terrorist Screening Database (TSDB) (Army Directive 2014-05/AR 190-13), applicable installation, facility and area commander installation/facility access and local security policies and procedures (provided by government representative), or, at OCONUS locations, in accordance with status of forces agreements and other theater regulations.

5.2.4 iWATCH Training. The recipient and all associated sub-recipients shall brief all employees on the local iWATCH program (training standards provided by the requiring activity ATO). This local 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 GOR. This training shall be completed within 60 calendar days of award and within 60 calendar days of new employees commencing performance with the results reported to the GOR NLT 90 calendar days after award.

5.2.5 For Cooperative Agreements That Require OPSEC Training. Per AR 530-1 *Operations Security,* the recipient employees must complete Level I OPSEC Awareness training. New employees must be trained within 30 calendar days of their reporting for duty and annually thereafter.

6.0 GOVERNMENT FURNISHED MATERIAL

The Government shall supply access to Army-managed lands as necessary to complete these tasks. The Government may supply use of government-provided fixed or rotary wing aircraft to tasks when available and deemed appropriate and after Recipient personnel acquire proper

training.

7.0 REPORTS AND DELIVERABLES
Tasks 1-11: Complete project requirements within (12) months from date of award and provide a report detailing the types and number of equipment used; type and number of supplies; before, during, and after photos of the project areas; and site maps of the areas. Additionally, progress reports describing tasks accomplished will be required to accompany invoicing.

8.0 MEETINGS, REVIEWS AND COORDINATION
A post award planning meeting shall take place within one (1) month of award between the Army, the GOR or designee, and the LRAM Coordination Program representative.

9.0 POINTS OF CONTACT

Technical Representative Points of Contact are:

Tasks 1-7:	Task 8-11:
TBD	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 the Grants Officer.

Correspondence should be addressed as follows:

USACE Project Management:

TBD

Grants Officer:

Tammy A. Davis
Contracting Division
U.S. Army Corps of Engineers – Alaska District
ATTN: CEPOA-CT (Tammy Davis)
P.O. Box 6898
JBER, AK 99506-0898
Email: tammy.davis@usace.army.mil

10.0 PERIOD AND PLACE OF SERVICE

This project will be completed on FWA and DTA. The period of performance is 12 months from date of award

Section II: Award Information

1. Type of Award: This Funding Opportunity Announcement is for a competed cooperative agreement.
2. The period of performance for this requirement is twelve (12) months from the date of award.
3. The total Project Cost Ceiling for this requirement is $3,707,438.00.
4. The Government will have substantive involvement throughout the execution of this requirement.

Anticipated Award Date:
Announcement Issue Date: 17 April 2025
Application Due Date: 14 May 2025
Estimated Award Date: 30 June 2025

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 – None noted.

Section IV: Application and Submission Information

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

The administrative point of contact is the Grants Specialist, 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 VI Scope of Work of this announcement. **Required content of program narrative is stated in Section V, Application Review Information**

3. Application shall be submitted **NO LATER THAN 14 May; 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

FORT WAINWRIGHT (FWA) AND DONNELLY TRAINING AREA (DTA)
LAND REHABILITATION AND MAINTENANCE (LRAM)
FORT WAINWRIGHT, ALASKA
SOW 25-104

April 2025

The Government will evaluate technical submissions in accordance with the criteria described herein and 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 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 on military installations in an aforementioned capacity.

2. Experience with management/treatment of vegetation control/modification, erosion control/soil stabilization, fuel breaks, forest management, seeding/re-vegetation, fertilization, culvert management, and trail maintenance 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 improving water quality and short and long-term effectiveness of land use for military training purposes.

5. Experience planning and managing time critical work, performing studies, projects or plans in accordance with applicable guidance and regulations.

The applicant shall provide Program Narrative 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. 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 Program 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

Provide proposed cost to the Government during the Period of Performance 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.

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.

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.

3. Reporting
The cooperative agreement issued under this announcement will establish reporting requirements which, in general, will consist of progress reports describing tasks accomplished will be required to accompany invoicing and financial reporting. 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 Contacts

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U.S. Army Corps of Engineers
Contracting Division
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Section VIII: Other Information

Reserved.

All questions or inquiries regarding this Funding Opportunity Announcement shall be directed to the Grants Specialist Pamela Iverson at pamela.iverson@usace.army.mil no later than **12:00 p.m. (Alaska time) on 05 May 2025**.