



DEPARTMENT OF THE ARMY
FORT WORTH DISTRICT, CORPS OF ENGINEERS
P.O. BOX 17300
FORT WORTH, TX 76102-0300

July 18, 2023

**REQUEST FOR STATEMENT OF INTEREST
W9126G-22-2-SOI-4238**

Applicants must be a member in one of the following Cooperative Ecosystem Studies Units

Regions:

Pacific Northwest / Alaska / Rocky Mountains CESU Regions

Project Title: Natural Resource Technical Expertise, Joint Base Lewis-McChord

A cooperative agreement is being offered ONLY to members of the Cooperative Ecosystem Studies Units (CESU) Program Region(s) identified above. Award will be made upon mutual agreement and acceptance of the terms and conditions contained in the request for proposal and the of the recipient's CESU Master Agreement. Note the established CESU Program indirect rate is 17.5%.

Responses to this Request for Statements of Interest will be used to identify potential organizations for this project. Approximately **\$795,283** is expected to be available to support this project for the **base period**. Additional funding may be available to the successful recipient for optional tasks and/or follow on work in subsequent years.

NOTE: This project will be awarded under the authority of 10 USC 670c-1, **Sikes Act**. For projects for the implementation and enforcement of integrated natural resources management plans, priority shall be given to award to Federal and State agencies having responsibility for the conservation or management of fish or wildlife.

Period of Performance. The base period of agreement will extend 18 months from date of award. There may be up to four 18-month follow-on periods based on availability of funding.

Description of Anticipated Work: See attached Statement of Objectives

NOTE: At this time we are only requesting that you demonstrate available qualifications and capability for performing similar or same type of work by submitting a Statement of Interest. A full proposal and budget are NOT requested at this time.

Preparation of your Statement of Interest: Provide the following (Maximum length: 2 pages, single-spaced, 12 pt. font):

1. Name, Organization, Cage Code, Unique Entity ID, and Contact Information (Email)
2. Brief Statement of Qualifications (including):
 - a. Biographical sketch of the Principal Investigator, to include specific experience and capabilities in areas related to this project's requirements

- b. Relevant past projects and clients with brief descriptions of these projects
- c. Staff, faculty or students available to work on this project and their areas of expertise
- d. Brief description of other capabilities to successfully complete the project: (e.g. equipment, laboratory facilities, greenhouse facilities, field facilities, etc.)

Submission of Your Statement of Interest

1. Statements of Interest are due by 5:00 P.M., Central Time, on 18 August 2023.

2. Submit your Statement of Interest via e-mail attachments or direct questions to:

Audria Gill

Grants Specialist

USACE, Fort Worth District

Email: audria.gill@usace.army.mil

Office: 817-886-1925

Chanley Jenkins

Project Manager

USACE, Fort Worth District

Email: chanley.r.jenkins@usace.army.mil

Office: 918-798-9628

Review of Statements Received: All statements of interest received from a member of the CESU Region(s) identified above will be evaluated by a board comprised of one or more people at the receiving installation or activity, who will determine which statement(s) best meet the program objectives: offer the most highly qualified Principal Investigator, have the most relevant experience and the highest capability to successfully meet the program objectives. Submitters whose statements are determined to best meet the program objectives will be invited to submit a full proposal.

Timeline for Review of Statements of Interest: RSOI's are required to be posted on www.Grants.gov for 30 days prior to the Government making a decision and requesting full proposals.

Thank you for your interest in our Cooperative Agreements Program.

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Contracting Officer

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Attachment: Statement of Objectives

STATEMENT OF OBJECTIVES

Natural Resource Technical Expertise Joint Base Lewis-McChord FY 2023

1. INTRODUCTION

This Statement of Work (SOO) provides the details of work to be performed in support of the Joint Base Lewis-McChord (JBLM) Fish & Wildlife and Forestry Programs to be implemented through the Cooperative Ecosystem Studies Unit (CESU) network and administered by the United States Army Corps of Engineers (USACE) Fort Worth District

Projects for execution under this Cooperative Agreement (CA) by USACE do not include any functions to be performed that are inherently governmental. This determination is made with the assessment that places emphasis on the degree to which conditions and facts restrict the discretionary authority, decision-making responsibility, or accountability of Government officials using Cooperator services or work products. This CA shall not be used for performance of personal services. These tasks provided by the customer for execution under this CA by USACE do not include functions to be performed that are personal services.

In accordance with section 6305 – *Using cooperative agreements* of the *Federal Grant and Cooperative Agreements Act of 1977* (31 U.S.C. § 6301 et seq.), all CESU projects must carry out a public purpose of support or stimulation, instead of acquiring goods or services for the exclusive direct benefit of the United States Government.

In accordance with section 6305 – *Using cooperative agreements* of the *Federal Grant and Cooperative Agreements Act of 1977* (31 U.S.C. § 6301 et seq.), substantial involvement is expected between the federal partner and the nonfederal partner when carrying out the activities specified in the project agreement. The exact nature of the government's involvement will be defined in the statement of objectives, issued with a request for full proposal.

Any modifications to Cooperative Agreement activities as outlined by this SOO must be channeled through the Grants Officer's Technical Representative (GOTR) and Grants Officer (GO) prior to Cooperator implementation.

2. BACKGROUND

Joint Base Lewis-McChord is an approximately 92,200-acre military reservation located in western Washington and is a major military facility for both weapons qualifications and field training. Major land uses within the JBLM boundary fall into two principal areas: the cantonment area (approximately 11,100 acres), and training areas (approximately 76,900 acres).

Joint Base Lewis-McChord manages its properties in accordance with all Federal environmental laws and regulations, including the Sikes Act, National Environmental Policy Act, National Historic Preservation Act, Endangered Species Act, Clean Water Act, Bald and Golden Eagle

Protection Act, DOD and JBLM environmental regulations. Joint Base Lewis-McChord requires technical support for environmental programs to ensure that federal, and state environmental regulations are met while minimizing the impact to military training mission. The Fish & Wildlife and Forestry Programs would like to engage natural resource experts in order to perform biological monitoring and ecosystem management, including mechanical, biological, chemical tools to enhance the natural landscape of JBLM and thus meet regulatory requirements.

3. TASK ORDER REQUIREMENTS

The Cooperator shall perform all work in accordance with federal, state, and local statutes and regulations; Executive Orders, Department of Defense (DoD)/Army policies and requirements. The Cooperator shall be immediately capable of understanding and addressing environmental laws and regulations as they pertain to work performed under this task order and provide support to maintain compliance with federal, state, and local environmental regulations.

4. Base Tasks

4.1. JBLM Fish & Wildlife Program Endangered Species Management

The Cooperator shall support the JBLM Fish & Wildlife Program by providing support described in 4.1.1 through 4.1.4 including technical and field expertise needed to comply with the Endangered Species Act (ESA) and to assist with the implementation of the Integrated Natural Resources Management Plan (INRMP). The Cooperator shall provide JBLM with support for the following general purposes: project review and planning, data collection, rare and endangered species wildlife surveys, habitat assessment and enhancement, restoration ecology data collection, program outreach, program briefings, and research and development. Field support will include surveying and treating invasive and noxious weeds, planting and maintaining plantings, timber sale wildlife surveys, prescribed burns, prescribed burn fire prep, post burn fire effects monitoring and woodland understory clearing. More specific tasks are outlined within each area of support below.

Cooperator must be capable of providing wildland firefighters for prescribed burns and provide individual insurance for the participant(s).

The following tasks are core tasks that will be funded during the first year, and though the intention is to fund them each year, the programs' funding and needs change routinely and unpredictably, and that may not always be possible. As such, these are base tasks in the Base Period, and optional in the follow-on periods afterwards. Although these are base tasks during the Base Period they may differ in follow-on efforts that will be based on project needs and conditions.

4.1.1. ESA Streaked Horned Lark Monitoring and Management Support

The cooperator will provide support with Threatened and Endangered Species (TES) monitoring and management for the Federally Threatened Streaked horned lark. The Cooperator will provide technical and field support to the JBLM Fish & Wildlife Program for the purposes of natural resource project planning and implementation. Specific tasks under this task are:

- Streaked horned lark occupancy, abundance and nest surveys

- Streaked horned lark habitat monitoring
- Survey crew management
- Compile lark data and generate maps of nest areas and other high-use areas by larks.
- Provide year round support for project review for impacts to streaked horned lark populations and habitat.
- Assist with dig permits, co-use agreements, Environmental and biological document reviews
- Implement prescribed fire within ESA habitats on JBLM
- Provide ESA briefings to JBLM land users
- Assist with other rare and endangered species surveys
- Provide managers with on-the-ground support to work around lark BANA areas as needed, including Airfields, Impact Areas, drop zones, and Training Areas.

Additional tasks will include field data collection, TES monitoring and habitat surveys, habitat restoration and improvement. Habitat restoration and improvement support will include surveying and treating invasive and noxious weeds, planting and planting maintenance, ecological prescribed burning, and post burn fire effects monitoring.

4.1.2. ESA Prairie Habitat Restoration Support

The Cooperator shall support JBLM Fish & Wildlife Program by providing support and technical expertise to conduct habitat improvements and restoration within ESA habitat for the Taylor's checkerspot, streaked horned lark, and Mazama pocket gopher.

- Track and monitoring seed production at satellite facilities such as Violet Prairie and Sustainable Prisons Project (SPP).
- Implement site preparation, planting and seeding of ESA habitats.
- Schedule and implement seeding onto prairie sites. Prioritize seeding activities and timing of seeding.
- Coordinate delivery of seed and manage JBLM's seed storage facility inventory
- Request plugs to be propagated by the SPP nursery and develop schedule for delivery and planting using available resource
- Develop restoration plans for the recovery of the prairie species and salmon species.
- Conduct prescribed fire within ESA habitats on JBLM
- Provide ESA briefings to JBLM land users
- Assist with other rare and endangered species surveys
- Manage restoration data through GIS and other database formats.

The Cooperator will provide Personal Protective Equipment (PPE), two WIFI hotspots to cover two separate locations, and two ArcGIS capable laptops.

4.1.3 Environmental Restoration Coordination

The Cooperator shall support JBLM with technical expertise and field support to the natural resource project planning and implementation, wildlife surveys, habitat improvement, restoration ecology, and invasive weed management. Field support will include surveying and treating invasive and noxious weeds in timber sales, planting and tree maintenance, prescribed burns, post burn fire effects monitoring, ESA surveys. The Cooperator will provide technical

and field support to the JBLM Fish & Wildlife Program for the purposes of natural resource project planning and implementation. Specific tasks that will be required are:

- Crew management for volunteers, and other cooperators.
- Implement prescribed fire within ESA habitats on JBLM
- Provide ESA briefings to JBLM land users
- Assist with rare and endangered species surveys
- Coordinate and implement JBLM Natural Resource Internship Program
- Coordinate ESA restoration activities with Government Biologists, insuring legal requirements are met under the ESA and Sikes Act.
- Coordinate training and impact area access for all Fish & Wildlife Program work on JBLM
- Assist in the implementation of hunting and fishing program
- Escort other Cooperator personnel on and around JBLM training areas and ranges when necessary to meet Fish & Wildlife Program requirements
- Vegetation surveys and control
- Support of ESA species and habitat surveys

5. Optional Tasks

The following is a list of additional optional tasks that can be exercised one time during each of the follow-on efforts.

5.1. ESA Data Management Support

The cooperator shall support the JBLM Fish & Wildlife Program with ESA data management. ESA data management will include the following tasks:

- Automated data processing
- Data analyses
- Data interpretation
- Environmental Program data coordination
- Assistance with environmental permitting
- GIS environmental data support
- Compile data and reports for compliance with JBLM's Biological Opinion for the streaked-horned lark, Taylor's checkerspot, and Mazama pocket gopher.

5.2. Forest Inventory and Management System Support

Maintain, analyze and grow JBLM forest inventory; provide JBLM forestry branch with growth and sustained yield modeling; present harvest scheduling alternatives and a 5, 10, and 20 year harvest plan. Services include training and implementing the hardware and software necessary to collect forest inventory data and harvest cruise data, the means to transmit that data securely for analysis, compiling and processing data for growth and yield modeling, 5-20 year harvest scheduling reports. Deliverables to JBLM include a complete forest inventory broken into management units and harvest planning alternatives including a sustained yield. This will be accomplished by providing the support necessary for JBLM

forestry personnel to collect and submit field data through various software and hardware solutions.

Provide cruise design (both harvest and inventory), data collection protocols, software and hardware to collect the data, GIS services associated with data collection, harvest scheduling options, growth and yield projections, and user support for data collection. JBLM will provide existing data to help in the establishment of a baseline inventory to include LiDAR and cruised stands to date.

5.2.5 Acquire Remote Sensing Data

Coordinate with commercial remote sensing companies to acquire forestry specific data for at least 137,238 acres. These data should include airborne digital imagery and light detecting and ranging (LiDAR) point cloud and derived products. To better address the concerns of forest health and species diversity the aerial digital imagery should have a resolution of at least 0.5 meters and have no less than 48 discrete spectral bands with a range of 380-1050nm (hyperspectral). Higher resolution aerial imagery should have a resolution of at least 3 inches and consist of at least 4 spectral bands (R,G,B,NIR). The LiDAR data acquired should have no less than 12 pulses/m² with up to 4 returns per pulse and at least 50% side-lap. The LiDAR and imagery should be collected within 2 weeks of each other.

5.3. Timber Sales Support

5.3.1. Carry Out Forest Inventory

Carry out field inventories required by the JBLM Forestry Program. Specific inventories may include pre- and post-harvest cruises, stand exams, and measurement of unusual forest types. Implement established field inventory procedures, using field data recorders and associated software.

5.3.2. Assist with Timber Harvest Layout

Provide support to the preparation of timber harvest sites for sale. Activities may include delineating harvest boundaries, skid trails, potential vegetation management areas, and other natural resources, and marking trees for harvest or retention as indicated by the harvest prescription of Forestry program manager. Global Positioning Systems (GPS) shall be used to accurately delineate spatial features for incorporation into the installation GIS.

5.3.3. Assist with Herbicide Application and Site Preparation

Assist the Stand Development Forester with herbicide application and mechanical site preparation as part of timber sale site preparation, ecological restoration, and/or control of unwanted plants.

5.4. Wildfire/Prescribed Fire/Forestry support

Cooperator shall provide seasonal support to assist with prescribed burning and wildfire management to participate in an integrated JBLM Fish & Wildlife and Forestry fire team. Tasks will also include support with timber harvest marking, site preparation and stand development projects.

5.4.1. Forestry Wildfire Support Option 1:

Cooperator shall provide support for prescribed fire and wildfire management working in an integrated JBLM Fish & Wildlife and Forestry fire team: 4 months support.

5.4.2. Forestry Wildfire Support Options 2:

Cooperator shall provide support for prescribed fire and wildfire management working in an integrated JBLM Fish & Wildlife and Forestry fire team: 6 months support.

5.4.3. Forestry Wildfire Support Option 3:

Cooperator shall provide support for prescribed fire and wildfire management working in an integrated JBLM Fish & Wildlife and Forestry fire team: 8 months support.

5.4.4. Additional Forestry Wildfire Support Option 4:

In the event that a wildfire is greater than anticipated, a second team may be necessary.

Cooperator shall provide support for prescribed fire and wildfire management working in an integrated JBLM Fish & Wildlife and Forestry fire team: 8 months support

5.5. Wildfire Leadership Support (SRB)

Cooperator will provide prescribed fire and wildfire support by providing technical expertise of a Single Resource Boss (or above) year-round. Tasks will include conducting prescribed fires and fighting wildfires for the JBLM Fish & Wildlife and Forestry Programs.

5.6. Invasive and Noxious Weed Control Management

5.6.1. Invasive Weed Control Support Option 1

Cooperator will provide noxious and invasive weed support by providing technical expertise in surveying and controlling invasive species on JBLM: 6 months support.

Cooperator will conduct weed control and survey on 1,500 wetland and 7,000 upland acres on JBLM. Control methods will include herbicide and mechanical removal.

5.6.2. Invasive Weed Control Support Option 2

Fire and weather influences often change species content of managed areas, therefore an additional invasive species survey may be necessary. Cooperator will provide an additional seasonal invasive species survey and control support on JBLM.

5.7. ESA Butterfly and Gopher Monitoring and Management Support

The cooperator will provide year-round Threatened and Endangered Species (TES) monitoring and management for the Federally Threatened Mazama pocket gopher and Federally Endangered Taylor's checkerspot butterfly and other rare lepidoptera species. ESA butterfly and gopher monitoring and management will require the following tasks:

- Taylor's checkerspot butterfly occupancy and abundance surveys
- Taylor's checkerspot butterfly habitat condition monitoring
- Mazama pocket gopher occupancy and probability of occurrence surveys
- Mazama pocket gopher habitat condition monitoring
- Project plan to support JBLM Fish & Wildlife Program meet regulatory requirements
- Assist with other rare and endangered species surveys as requested
- Attend meetings and conferences as assigned

- Project review for impacts to Taylor's checkerspot and Mazama pocket gopher populations and habitat
- Dig permits, co-use agreements, Environmental and biological document reviews
- Provide ESA briefings to JBLM land users

Other general duties will include field data collection, vegetation control, TES species and habitat monitoring, habitat restoration effectiveness, noxious and invasive species control and survey, planting and planting maintenance, ecological prescribed burning, and post burn fire effects monitoring, implementing wildlife deterrents or wildlife monitoring devices, scheduling and coordinating habitat management work parties, reporting and recording data into JBLM's Geographical Information System (GIS) database.

5.8. ESA Salmon Survey and Habitat Enhancement Support

The cooperator will provide JBLM with expertise and technical support in the Threatened and Endangered Species (TES) monitoring and management for Puget Salmonids and their habitat. The cooperator shall implement salmon habitat restoration work throughout JBLM within potentially suitable habitat with the aim at restoring function specifically to Muck Creek and the Nisqually River areas that are deemed critical for the recovery of salmon. Specific tasks that will be required are:

- Conduct salmonid surveys within watersheds connected to JBLM
- Conduct salmon habitat assessment surveys
- Project plan to assist JBLM meet regulatory requirements
- Plan and implement salmon habitat enhancement projects, preparing sites for fall and winter planting of wetland/riparian trees and shrubs to combat reed canary grass and other invasive species
- Project review for impacts to ESA species habiting wetland, riparian or other water systems
- Dig permits, co-use agreements, Environmental and biological document reviews
- Attend meetings and conferences as assigned
- Provide ESA briefings to JBLM land users

Other tasks will include field data collection, TES monitoring and habitat surveys, habitat restoration and improvement. Habitat restoration and improvement support will include surveying and treating invasive and noxious weeds, planting and planting maintenance, ecological prescribed burning, and post burn fire effects monitoring.

5.9. Biological Assessment and Project Review Support

The cooperator will provide support for writing Biological Opinions, reviewing construction projects, assisting with re-consultations, and providing other NEPA support as requested by JBLM.

- Writing Biological Assessments in a concise, accurate manner to reflect the needs of projects on JBLM.
- Conduct reviews of dig permits to ensure regulatory compliance.
- Attend meetings and conferences as assigned.
- Attend project review summits and relevant project development meetings

- Work with USFWS and JBLM staff to write and re-write Biological Assessments and re-consultation of Biological Opinions.
- Project review for impacts to ESA species habiting wetland, riparian or other water systems
 - Dig permits, co-use agreements, Environmental and biological document reviews

5.10. Vehicles

Each Period of Performance will have its own unique project needs and conditions. Based on those elements it is anticipated the cooperatior will need multiple vehicles such as those listed below.

5.10.1. Vehicle Option 1: 4x4 Truck with Crew Cab and 8 foot long bed

5.10.2. Vehicle Option 2: 4x4 Truck Single Cab

5.10.3. Vehicle Option 3: 4x4 Truck Single Cabs

5.10.4. Vehicle Option 4: 4x4 Truck Crew Cab

5.10.5. Vehicle Option 5: 4x4 Truck Single Cab

5.11.1 Migratory Bird Treaty Act Surveys and Wetland mapping

MBTA surveys will be conducted between January and the end of July based on guidance from the JBLM Fish & Wildlife Program. These survey times may vary depending on which sensitive species are likely to occur within the timber stands. Survey may begin as early as January if owl species are likely present in the timber stand, whereas Accipiter species nesting may linger into early summer. Wetland mapping will occur throughout the year as needed to make an accurate determination.

6. Hunting and Fishing Program Support

The Cooperator shall provide support for the Hunting and Fishing Program on JBLM, helping to implement management strategies for the program, assist users, and create new subprograms to grow the program.

6.1.1 Assistant Program Coordinator/Deputy

- Assist in managing program outreach and on/off base advertisement to attract new users.
- Build partnerships with hunting, fishing, and conservation groups.
- Spearhead new infrastructure development such as building hunting blinds and tree stands for lotteries, managing boat ramps etc.
- Enhance education efforts to increase hunter safety as well as reduce endangered species impact (eg. develop everything from front-end videos to putting up signs in the training areas).

- Help manage events such as fishing derbys, daddy/daughter hunts, bullfrog gigging competitions, etc.
- Assist with general recreation program administration such as deconflicting range access, scheduling pheasant releases, troubleshooting user registrations and harvest reporting, and general problem solving.

6.1.2 iSportsman Portal Manager, Public Interface, and Outreach Coordinator

- Manages Training Area scheduling, develops and maintains training and safety videos
- Assists with iSportsman portal development and manages it after launch
- Keeping program up to date with access and area closures, interfacing with users, interfacing with iSportsman technical support).
- Provide trainings
- Meets with public and groups to build relationships and resolve issues
- Manages organizational relationships (eg. with the Nisqually Tribe), and manages promotional material, social media, and media coverage.

6.1.3 Game Manager, Hunting, Fishing and Outdoor Access Camp; Event Coordinator

- Manages game populations on JBLM, including gathering and monitoring numbers of animals, ensuring sustainable harvest, managing disease outbreaks (such as elk hoof-rot, tracking herds, and stocking lakes.
- Works with Washington Department of Fish & Wildlife (WDFW) personnel to improve game management.
- Improves and maintains facilities such as boat ramps and hunting blinds, develops and installs signage for restricted areas, parking areas.
- Collaborates with Conservation Law Enforcement to address safety rules and regulations.
- Plans and administrates special events such as pheasant releases, fishing derbies, youth hunts, etc.
- Helps mediate group and individual recreation concerns. Also coordinates volunteers and seasonal employees.

6.2 Cultural Resources Support.

Section 106 Management Support and Section 110 Inventory Support

The Cooperator will provide support with Section 106 management and Section 110 inventory support for Federally funded projects. The Cooperator will provide technical and in-field assistance to JBLM Cultural Resources Program for the purposes of archeological and built environment planning and implementation. Specific responsibilities under this task include:

- background archival and historic research
- development of cultural resources research designs.

- coordination of cultural resources investigations including preparation of project area maps for the Cantonment (Ct), Impact Areas (IA), and Training Areas (TA).
- directs or directly performs reconnaissance surveys, pedestrian surveys augmented by shovel probing, and site-specific National Register eligibility testing.
- documentation and recordation of newly identified sites, site monitoring, and condition assessments.
- post field data processing (field journals, site forms, photos and photo logs, site sketch maps, field equipment inventory, etc.)
- assist with drafting of technical deliverables.
- evaluating project effects for resources

Additional project-specific tasks may be required and are dependent on shifts in project priorities. Cooperator will provide professional level expertise with education level minimum of Bachelor's degree and field school component. Cooperator will provide expertise with archeological field experience if possible.

7. DELIVERABLES

The Cooperator shall provide Quarterly Status Reports (QSR) to the Government Project Manager (GPM) and Technical Points of Contact (TPOCs). Quarterly status reports will quantify task completion progress including: program data collections, surveys, meetings, GIS support, and briefings. The report will be completed using Word, Excel, or an Access database and filed on government computer network. QSR should summarize the activities outlined each task section above and as follows:

- Number of days, locations, and activities in travel status or leave
- List of plans, reports, and briefings prepared or reviewed
- List of meetings attended
- List of major action item support and tasks accomplished
- Percentage of project completion, problems identified, solutions implemented, and schedule adjustments, if appropriate
- Any critical communications not reported in other sections

See the Table 1 below for a summary of deliverables and schedule to be provided by Cooperator personnel during the Period of Performance (POP) for this task order support.

Table 1: Deliverable Table

Deliverable	Transmittal Form and Quantity	Transmitted To	Schedule
GIS data of work conducted, species surveys, areas treated, etc...	Electronic	GPM and TPOCs	Annually, or at request of GPM
Quarterly Status Report (QSR)	Electronic	GPM and TPOCs	Within 30 days of end of each quarter

Project reviews and comments	Electronic with comments	GPM and TPOCs	Within 14 days of GPM request
Prepare briefings/presentations	Electronic and/or paper copy as required	GPM and TPOCs	Within 14 days of GPM request

8. GENERAL REQUIREMENTS

8.1. License, Physical Requirements or Other Expertise Required

Cooperator support will ensure the following:

- Valid licenses for completing all identified tasks;
- Expertise and knowledge of all applicable Federal, state, and local laws, regulations and requirements regarding environmental protections;
- In the event environmental laws/regulations change the terms of this agreement, the Cooperator shall comply with such laws/regulations as changed

8.2. Operational Hours

Cooperator support for completing the identified tasks will not exceed forty hours per week, unless otherwise coordinated with GPM and Cooperator. Unless specified otherwise in this SOO, Cooperator support for completing the required tasks will not be allowed to execute on the following recognized Federal holidays:

New Year's Day	Labor Day
Martin Luther King Jr.'s Birthday	Columbus Day
President's Day	Veteran's Day
Memorial Day	Thanksgiving Day
Juneteenth	Christmas Day
Independence Day	

If the Cooperator chooses to work holidays, prior arrangements must be made with the JBLM GMPs and through the Cooperative Partner Representative. Cooperator must at all times maintain an adequate support for completion of all tasks in accordance with this SOO. Some of the tasks identified in this SOO will require work outside typical hours and days due to the nature of the work and the availability of access to sites.

8.3. Hazards Information

Cooperator support to complete the tasks identified in this SOO may involve handling or being exposed to batteries, fuels, paints, and environmental conditions such as bees and Pacific Northwest weather. Cooperator shall be exposed to military tracked and wheeled vehicles and aircraft, pyrotechnics, and tactical lasers. Cooperator may be required to travel by military tactical vehicles or aircraft. Cooperator shall work in proximity to weapons firing, including artillery, and shall occasionally be beneath the trajectory of ammunition that has been inspected and cleared for overhead fire. Cooperator shall complete tasks within or in vicinity of the Live Fire Areas and the associated explosions, unexploded ordnance (UXO), and weapons noises and may be required to wear military grade body armor as PPE for entering dudded areas. Prior

to working in a Live Fire Area, Cooperator will ensure all safety assessments and trainings are complete prior to entering these areas.

9. GOVERNMENT FURNISHED EQUIPMENT

JBLM will furnish the following materials and support:

9.1. Office Equipment

Office space, office equipment, computers, pertinent computer software, network/LAN access, email, field and office supplies, GPS equipment, hand-held radios, and telephone access for all official tasks related to the task order. JBLM will provide Cooperator with an office environment typically provided to Government personnel that includes workstations, facsimile, telephones, copiers, and computers with access to relevant software, to the Internet and to the local area network (LAN).

9.2. Field Equipment

JBLM will also furnish field equipment necessary for species and habitat surveys, habitat management tasks, plant propagation tasks. The equipment includes, but is not limited to, tractors, bobcat with various attachments, utility trailer, augers, drill seeder, brush cutters, chainsaws, tools, safety equipment, handheld data-loggers/field computers with software, and range finders.

9.3. Reference Material

JBLM will furnish copies of or access to all data files, maps, aerial photography, satellite imagery, studies and reports available at JBLM that are relevant to completing the tasks.

9.4. Government Owned Vehicles (GOV)

Use of Government Owned Vehicles (GOVs) when one is available. The Cooperator shall be allowed to operate GOVs to accomplish any and all tasks requiring travel as required by the JBLM Fish & Wildlife Program and Forestry Program.

- i. The area of assigned travel is not limited to JBLM and its remote operating locations. Cooperator may be required to travel by GOV to State agencies or off-site meeting locations.
- ii. Cooperator will be required to obtain any and all government certificates, licenses, and qualifications required to drive a GOV. The Cooperator shall include costs for all certifications, licenses, etc. in their proposal. All training must be approved by the Grants Officer.
- iii. Cooperator shall assist in the caring for all GOVs assigned to the Fish & Wildlife Program. GOV abuse and misuse will not be tolerated. Any and all traffic violations or accidents incurred by the Cooperator will be resolved by the Cooperator.
- iv. Cooperator's support loss of State driver's license may result in request for task termination, if the Cooperator support cannot perform tasks without means of transportation.
- v. Damages resulting from accidents incurred by the Cooperator support, if negligent, will be covered by the Cooperator's self-insured general liability insurance. If the Cooperator support is not negligent, the federal employer will be responsible for the damages to the GOV. USACE to be notified immediately. The Cooperator shall provide insurance information with their submitted proposal.

9.5. Common Access Card (CAC)

All onsite support will require issuance of a Common Access Card (CAC). CAC's shall be issued in accordance with Homeland Security Presidential Directive 12 dated 27 August 2004. This directive promulgated a Federal standard for secure and reliable forms of identification for Federal employees and Cooperative partners.

9.6. Cooperator Furnished Equipment and Responsibilities

The Cooperator shall be responsible and accountable for all the Government-furnished equipment and Government-furnished information (GFE/GFI). The Cooperator shall provide and maintain any materials, equipment, and supplies not furnished by JBLM Fish & Wildlife and Forestry Programs that it considers necessary to complete the task requirements of this SOW. The Cooperator shall also provide protective equipment (PPE) required to ensure safety while performing work under this task order including required firefighting gear. The government will furnish required PPE to conduct work within the Artillery Impact Area (AIA).

9.7. Location of Performance

Joint Base Lewis-McChord, Washington and Joint Base Lewis-McChord Army Compatible Use Buffer (ACUB) properties.

10. PERIOD OF PERFORMANCE

The period of performance is 18 months from date of award plus 4 follow-on periods pending availability of funds in subsequent fiscal years.

11. POINTS OF CONTACT (POCs)

The POC for USACE Fort Worth is:

Chanley Jenkins

Biologist

Regional Planning and Environmental Center (RPEC)

819 Taylor St, Fort Worth TX 76102

Email: chanley.r.jenkins@usace.army.mil

Phone: 918-798-9628

The JBLM Technical Points of Contact are:

JBLM Government Project Manager for Fish & Wildlife Program (GPM):

Todd Zuchowski, Wildlife Biologist

JBLM – Public Works – Environmental Division Fish
and Wildlife Program

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