



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

24 July 2019

REQUEST FOR STATEMENTS OF INTEREST

NUMBER W9126G-19-2-SOI-8837

PROJECT TO BE INITIATED IN 2019

Project Title: Fort McCoy ITAM Support

Responses to this Request for Statements of Interest will be used to identify potential investigators for a project to be funded by the US Army, which provides professional and technical support for its Integrated Natural Resources Management Plan (INRMP) in order to facilitate successful implementation of the 16 USC 670c-1 Sikes Act. Approximately **\$663,000** is expected to be available to support this project. Additional funding may be available for additional tasks and/or follow on work in subsequent fiscal years to the successful Recipient/Awardee.

Background:

Provide support to the Fort McCoy Integrated Training Area Management (ITAM) Program.

Type of Award:

In accordance with the *Sikes Act* (Sec. 103A [16 USC 670c-1]) “the Secretary of a military department may enter into cooperative agreements with States, local governments, Indian Tribes, non-governmental organizations, and individuals” This project is in support of the Integrated Natural Resources Management Plan, as directed in the *Sikes Act*, and as a result, it is anticipated that a cooperative agreement through the CESU program will be awarded. Such awards may be administered through a CESU only upon mutual agreement and official authorization by both parties of the acceptance of the application of the CESU Network IDC rate (17.5%).

Note: Must be a non-federal partner in the CESU Unit to be qualified to be considered.

Brief Description of Anticipated Work:

This support focuses on the following objectives:

- 1) Conduct shredding, mechanical cutting, brush hogging, grubbing, and/or stump grinding/removal set back woody species encroachment on travel route edges and travel route intersections. Utilize heavy duty forestry mulchers and brush hogs to shred non-merchantable trees and shrubs approximately 20 feet from sides of travel route edges.
- 2) Provide GIS support to include: 1) perform inventory and evaluation of Fort McCoy SRP/ITAM GIS database and systems within DPTMS/Range Branch. Geospatial Data will be checked for quality parameters and the Cooperator will identify data deficiencies and make necessary corrections to meet Sustainable Range Program (SRP) GIS requirements and standards; 2) The Cooperator will support Fort McCoy ITAM customers by providing guidance, and technical support in GIS software applications; Federal spatial data standards; development and testing of custom GIS tools and geodatabase design, which will include FGDC metadata and the Spatial Data Standard for Infrastructure and Environment (SDSFIE); SRP GIS support for the Range Managers Tool Kit (RMTK); Range Facility Management Support System (RFMSS) Enhanced Graphic Fire Desk (EGFD); range planning/design; Range Complex Master Plan (RCMP) support; and RTLA, LRAM, SRA, and TRI component support. The Cooperator will provide approximately 10 guidance and technical support actions per month; 3) The Cooperator will develop Geospatial Data under the guidance of the Fort McCoy GIS Analyst using multiple approaches. The Cooperator will ensure all geospatial data developed under this SOO complies with the guidance set forth in the DAMO-TRS Geospatial Data Strategy Memorandum (18 October 2018 or updated versions) and associated geospatial data QAPs. All range-related facility data will be coordinated with the Fort McCoy GIS Analyst for validation and subject matter expert (SME) Review. The Cooperator will correct any data discrepancies or errors as required. Estimate four feature classes/data sets will require edits per quarter; 4) The Cooperator will update the existing Military Installation Map(s)/Overlay(s) for Fort McCoy. The Cooperator will get guidance from Fort McCoy and will also use the MIM production guidance documentation found on SRP Web. This task will require the development, cataloging and maintenance of GIS layers required for the MIM. The Cooperator will submit final products for validation by the Government approval authority before they are considered complete. The Cooperator will complete up to one MIM update annually; 5) Develop and produce maps to meet specific SRP Installation mapping requests from range personnel, ITAM personnel, Soldiers, and support personnel. This includes variations of standard installation map products and special project maps. The Cooperator will ensure that all maps delivered under this SOO are to SRP standards and based on standard military cartographic layout (i.e. SRP Style Set). The NFE shall ensure that all incoming requests are logged, progress tracked, and completion recorded and reported within the Monthly Status Reports (MSR). The Cooperator shall provide approximately five special projects per month; 6) The Cooperator will provide support and data entry assistance to the GIS Analyst and RFMSS Administrator to develop and update the Range Control RFMSS Enhanced Graphic Fire Desk (EGFD) as changes or edits are required. All geospatial data created and/or modified under this task will conform to RFMSS guidelines and will be sent to the RFMSS functional administrator for incorporation into the RFMSS graphic fire desk. The Cooperator will also

provide basic support to EFGD users who may need assistance to understand GIS associated functions and tools; 7) The Cooperator shall conduct output of existing geospatial data and associated attribute data. These tasks include query, overlay, and customized map output functions on existing GIS data. The Cooperator shall prepare hard and soft-copy map outputs each month using map layer combinations, scale, graphics and annotation. The Cooperator shall provide approximately five special projects per month; 8) The Cooperator will provide technical support for desktop GIS viewing capabilities at a minimum to all ITAM personnel, DPTMS, and Range Control offices, and other installation offices as approved by the IPOC. Desktop viewing capabilities may be delivered through ArcGIS Desktop software or Portal for ArcGIS web maps and applications. The Cooperator will provide approximately five GIS Tool support actions per month; and 9) The Cooperator will provide field support in the form of GPS'ing landscape features, areas damaged by military training, or future land repair sites in order to collect and validate SRP and other GIS support data. The Cooperator will accurately mark or outline locations in the field associated with SRP projects/plans. The Cooperator will conduct approximately three field support actions monthly.

- 3) The Cooperator will provide RTLA support for the following assessments/workloads:
- Monitoring of military disturbances and record use/impacts within the training areas on a yearly basis.
 - Conduct assessments for Training Area B23 carrying capacity to support training loads impacts; consolidate field data and findings; and provide analysis and conclusions of findings.
 - Assessments to determine the effectiveness of the wet blade mower system on sites treated in relation to mortality rates of target species and impacts to non-target species.
 - Assessments to determine the need and effectiveness of LRAM seeding and repair efforts for targeted sites.
 - Update the Habitat Training Map data layers for the Fort McCoy maneuver areas on a yearly basis through GIS data review, data collection, field validation, and GIS edits/analysis.
 - Vegetation, woody encroachment, and bare soil surveys to analyze the conditions of open grassland sites used as Firing Points and Mortar Points, heavy maneuver areas, transient field artillery firing locations, and landing zone/pick up zones on a yearly basis.
 - Collect field data on selected maneuver trail conditions and characteristics to support follow on LRAM work and GIS data updates
 - Collect vegetation and bare soil survey data related to pre and post UXO clearance operations to determine impacts associated with activities and carrying capacity for heavy maneuver training.
 - Conduct monitoring for established water crossing locations to log impacts from training or deterioration of the sites.
 - Provide a draft written status report for each assessment with pictures, and initial assessment of findings when approximately 50% of the field work is completed,

and again at the completion of field work. Draft reports will be used by the RTLA Coordinator (government point of contact (POC)) who will review, edit and complete status reports.

- Provide weekly verbal updates to the RTLA Coordinator (government POC) on the progress of each assessment.
- Conduct additional assessments similar to those above to monitor and assess land management activities, use, and condition on the 55,000 acres of operational lands and permitted/leased lands to meet new or changing land management/training mission requirements.

4) The Cooperator will provide LRAM support that consists of:

Conducting operations, maintenance, and use of LRAM heavy and light equipment, power tools, and provide general labor to execute LRAM projects per the ITAM Plan or DPTMS mission requirements for the given fiscal year. Projects generally entail repair of maneuver impacts by leveling ruts and reseeded disturbed areas; enhancing vegetation through planting, seeding and fertilizing; managing vegetation via mechanical removal, assisting with NR prescribed fires, or herbicide applications; reconfiguring land resources to meet training objectives and land stewardship responsibilities; maintain, repair, and create maneuver trails which allow for military maneuver and public access; control dust and erosion of maneuver trails and rotary wing landing pads/zones; create low water crossing/fording sites to increase accessibility, but limit sedimentation to water resources; control erosion associated with military land use; and conserve cover and concealment resources (mature trees). Projects ensure the long-term sustainability of natural/land resources which provide suitable, safe and realistic support for training units and incorporate land stewardship principles to support public activities such as hunting and fishing.

NOTE: At this time we are only requesting that you demonstrate available qualifications and skills for performing similar or the same type of work. The NFE shall provide a Project Manager/Principal Investigator with at least 3 years of experience at an installation as an ITAM, RTLA, or LRAM Coordinator. You will be evaluated for request for a proposal based on skills and qualifications demonstrated in your SOI.

Period of Performance. 8 months from date of award for the base task. There are 3 optional tasks, each with a 12-month period of performance from date of option award pending availability of funds. There are 4 option years, subject to availability of funds.

Materials Requested for Statement of Interest/Qualifications:

Please provide the following via e-mail attachment to: alisa.marshall@usace.army.mil and brian.d.hesford@usace.army.mil (Maximum length: 2 pages, single-spaced 12 pt. font).

1. Name, Organization, Cage Code, Duns number, and Contact Information
2. Brief Statement of Qualifications (including):
 - a. Biographical Sketch,

- 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. Any brief description of capabilities to successfully complete the project you may wish to add (e.g. equipment, laboratory facilities, greenhouse facilities, field facilities, etc.).

Note: A full study proposal and proposed budget are NOT requested at this time.

Review of Statements Received: All statements of interest received 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. Based on a review of the Statements of Interest received, an investigator or investigators will be invited to prepare a full study proposal. Statements will be evaluated based on the investigator's specific experience and capabilities in areas related to the study requirements.

Please send responses or direct questions to:

USACE
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Timeline for Review of Statements of Interest: The RSOI is required to be out for a minimum of 10 working days. Review of Statements of Interest will begin **August 7, 2019**.

[End of RSOI]