



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

REQUEST FOR STATEMENTS OF INTEREST
Number W9126G-20-2-SOI-4276
Project to be initiated in 2022

***INTERESTED PARTIES MUST BE a partner in one of the
Cooperative Ecosystem Studies Units (CESU) National Network:
Desert Southwest & Colorado Plateau***

Project Title: Natural Resource INRMP Support, BMGR.

Responses to this Request for Statements of Interest will be used to identify potential investigators for a project to be funded by **the US Air Force**, 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 **\$188,000** is expected to be available to support this project for the base period.

Background:

The Barry M. Goldwater Range (BMGR) program ensures military mission activities are conducted in compliance with all applicable environmental laws, regulations and policies with cooperation and assistance from the Air Force Civil Engineer Center's (AFCEC). Article I B of the master agreement states the objectives of the CESU are to: provide research, technical assistance and education to federal land management, environmental and research agencies and their potential partners; develop a program of research, technical assistance and education that involves the biological, physical, social sciences needed to address resource issues and interdisciplinary problem-solving at multiple scales and in an ecosystem context at the local, regional, and national level; and place special emphasis on the working collaboration among federal agencies and universities and their related partner institutions.

The objectives of the work to be performed under project are to conduct natural resource tasks on the federal lands belonging to BMGR, and to prepare reports detailing the results of this work for submission to the USACE Omaha Project Manager (PM), AFCEC Installation Support Section (ISS) POC, and BMGR Natural Resource POCs.

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:

The objectives of the work to be performed under this project are to prepare a 5-year revision to the BMGR Integrated Natural Resources Management Plan (INRMP). And to prepare a Military Lands Withdrawal Act (MLWA) 5-year INRMP Public Report for submission to the USACE Project Manager (PM), Air Force Civil Engineer Center (AFCEC) Installation Support Section (ISS) POC, and BMGR Air Force and Marine Corps Installation Representatives.

Work Plan & Schedule

Work Plan & Schedule: The Recipient shall submit a work plan & schedule within 10 days of the scheduled kick-off meeting. The work plan and schedule shall be finalizing within 30 days of the kick-off meeting. **Initial Meeting**

Within 30 days of award, the NFE will schedule an initial project kick-off meeting with all parties involved (Installation Representatives, AFCEC/Nellis ISS, USACE PM, NFEs, etc) to discuss the work plan and project schedule to implement the SOO. All deliverables/tasks will be submitted within the required timeframes as identified.

Monthly Meetings

Coordination should be made with Installation Representatives, AFCEC ISS and USACE PM at a monthly review meeting. All work shall be IAW this SOO and be consistent with the Project Schedule & Work Plan approved by the USACE PM and Installation Representatives. Schedule changes and trade-off decisions can be jointly made by the USACE PM, Installation Representatives, and AFCEC Nellis ISS and align with the Sikes Act compliant INRMP.

Schedule should account for a government review period of 30 days. **The USACE Grants Officer must approve any changes in scope or cost.** All coordination with state and federal regulators will be by the Installation Representatives or AFCEC ISS only. All NFEs conducting work under the agreement should aim to attend the monthly meeting.

The NFE must have experience and knowledge to administer all aspects of the environmental work and administrative aspects described under this scope. The NFE will be a qualified with adequate experience in working with AFCEC/Nellis ISS NRPM and the BMGR prior to award of the task order. NFE personnel must be able to obtain necessary clearances and at times may be required to be escorted by a government employee.

NOTE: At this time we are only requesting that you demonstrate available qualifications and skills for performing similar or same type of work. You will be evaluated for request for a proposal based on skills, qualifications and certifications demonstrated in your SOI.

Period of Performance.

The period of performance is 18 months from date of award **Option periods:** No Options

Materials Requested for Statement of Interest/Qualifications:

(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:

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USACE Fort Worth District
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Mrs. Kali Evans, USACE RPEC PM
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Timeline for Review of Statements of Interest: The RSOI is required to be posted for 30 days prior to the Government making a decision and requesting full proposals. Responses due by 5:00 P.M., Central Time, on **28 Aug, 2022**.

[End of RSOI]
[See attached DRAFT SOO]

STATEMENT OF OBJECTIVES (SOO)
INRMP 5-YEAR REVIEW AND MLWA 5-YEAR PUBLIC REPORT
BARRY M. GOLDWATER RANGE, ARIZONA

Article III, (D) of the Applicable Cooperative Ecosystems Studies Unit (CESU)

1. GENERAL:

- 1.1.** The Barry M. Goldwater Range (BMGR) environmental programs ensure military mission activities are conducted in compliance with all applicable environmental laws, regulations and policies. Article I B of the master agreement states the objectives of the CESU are to: provide research, technical assistance and education to federal land management, environmental and research agencies and their potential partners; develop a program of research, technical assistance and education that involves the biological, physical, social sciences needed to address resource issues and interdisciplinary problem-solving at multiple scales and in an ecosystem context at the local, regional, and national level; and place special emphasis on the working collaboration among federal agencies and universities and their related partner institutions.
- 1.2.** The objectives of the work to be performed under this task order are to prepare a 5-year revision to the BMGR Integrated Natural Resources Management Plan (INRMP) and to prepare a Military Lands Withdrawal Act (MLWA) 5-year INRMP Public Report for submission to the USACE Project Manager (PM), Air Force Civil Engineer Center (AFCEC) Installation Support Section (ISS) POC, and BMGR Air Force and Marine Corps installation representatives.
- 1.3.** 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 Non-Federal Entity (NFE) implementation.

2. AUTHORITY:

Authority to enter into a Cooperative Agreements (CA) for the work: Section 670c-1, Title 16 United States Code, Sikes Act.

- 2.1.** In agreement with the above stated goals, the recipient/cooperator agrees to provide the necessary personnel, equipment, and materials required to implement, in part, the BMGR responsibilities pursuant to the Endangered Species Act (16 USC 1531 et seq.), the Sikes Act Improvement Act, the Migratory Bird Treaty Act (16 USC 1361 et seq.), the National Environmental Policy Act (42 U.S.C. 4321 et seq.), and applicable implementing regulations, such as Air Force Manual 32-7003.

2.2. 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. Examples of carrying out a public purpose may include, but are not limited to, the following:

- Project results are made available to a wide audience (including nonfederal entities, NFE)
- Project results/outputs add to the scientific literature/knowledge base, with applicability and utility beyond the scope of the project footprint/study area
- Academic and other nonfederal partner institutions (and their personnel) gain professional experience, increase knowledge, and develop skills and abilities
- Students benefit from direct interaction with federal scientists, program and technical staff, and field unit managers

2.3. 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 Department of Defense and the recipient when carrying out the activity contemplated by the cooperative agreement. The DoD agrees to participate at a national level in support of the CESU program as accepted in the Master MOU for the establishment and continuation of the CESU program Article II 1-4 and Article VI 1-7.

The installation further (hence DoD) agrees to provide substantial involvement as directed under the appropriate master agreement to include, but are not limited to, the following:

- BMGR and AFCEC ISS are involved in development of study methodology, data gathering, analysis, and/or report writing
- BMGR and AFCEC ISS actively participates and collaborates in carrying out the project plan of work, reviews and approves activities, helps train or select project staff or trainees

3. GENERAL REQUIREMENTS:

The Principal Investigator (PI) is responsible for providing all materials, equipment and supplies used in this project. The PI shall use methods and equipment in accordance with Federal and State laws.

The PI is responsible to provide all transportation, meals, and lodging for himself/herself and his/her personnel as well as all equipment and analysis necessary to complete the work. All equipment is subject to inspection by and approval of the Installation safety officer.

The PI is responsible to visit the project area as often as necessary and within the time limits stated below to accomplish the purposes of the Agreement as detailed further in this SOO. It

is the PI's responsibility to obtain security and entrance clearances and camera passes for himself/herself and his/her personnel onto the Installation. The PI must comply with all security rules, regulations, requirements, and day-to-day operational changes thereto. Unannounced changes to day-to-day operational procedures may, at times, prohibit the PI access to project sites. While on the Installation, the PI shall abide by all applicable rules and regulations issued by the Commanding Officer. The PI may be subject to inspections for contraband while on Government property.

The PI will adhere to all safety, security and other requirements delineated by the 56th RMO (BMGR East) and/or MCAS Yuma (BMGR West). Personnel access will be strictly controlled at all times and closely coordinated with the designated representative for the Installation.

The PI is responsible to manage the total work effort and assure fully adequate and timely completion of services required under this Agreement. Included in this function shall be a full range of management duties including, but not limited to, planning, scheduling, inventory, analysis, quality control, and for meeting professional industry standards for conducting project activities.

Due to the fact that the Installation is an active military range, all personnel requiring access will be required to view a range safety video annually, hold a valid Special Use access permit, and adhere to all safety procedures, and make prior coordination with the Installation Representative for entrance onto the BMGR East.

Unexploded ordnance may be encountered while conducting fieldwork. The PI shall not touch or attempt to pick-up any suspected ordnance. If necessary, the PI should flag off and avoid any areas where metal objects are discovered, and field work must continue in the area.

The PI is responsible to conduct literature reviews, field investigations and interviews with experts and authorities as necessary to accomplish the work described within this Agreement. The PI shall, in particular, attempt to contact and utilize information from the local 56th RMO Environmental Science Management and MCAS Yuma Range Management Department and other professionals who are experienced with the type of project to be implemented by this Agreement. This shall include review of pertinent files at the Installation and past research conducted at the Installation.

All parties involved in this Agreement agree to comply with all applicable laws and regulations pertaining to the provisions of a safe and respectful workplace and to provide a work environment free of harassment and intimidation for such party's own employees and third parties.

The PI is responsible to ensure that all project personnel conduct their activities in a manner that ensures the safety of field crew members and any others and that avoids damage to vehicles, existing structures, natural resources, or any other resources or property.

All work conducted in support of this Agreement shall comply with all state and federal laws applicable to the Installation including, but not limited to, the Endangered Species Act, the Clean Water Act and the Migratory Bird Treaty Act. Any necessary permits shall be obtained by the PI at no cost to the Government. All permits obtained must be reviewed by the IR prior to the start of field activities.

The PI and all personnel must possess a valid state driver's license to operate motorized vehicles on the Installation, and shall provide evidence of insurance, required by Arizona state law, for each non-government vehicle used at the Installation.

Vehicle operators may not use cell phones unless the vehicle is safely stopped or the cell phone employs a "hands free" device. Drivers may not hold, dial, text or adjust the phone while the vehicle is in motion. Hands free systems such as ear buds, blue tooth, OnStar and other voice activated or speaker phone systems are authorized. Installation Security personnel can issue military motor vehicle citations to operators in violation of this policy. These citations result in a three-point penalty assessed to the violator's driving record and if a driver accumulates twelve points within a twelve month period or eighteen points within a twenty-four month period he/she is subject to suspension of Installation driving privileges for one year.

All field notes, field data forms, electronic storage of field data, photographs, etc. collected and produced as part of this Agreement will only be released by the PI, subcontractors, or employees on temporary duty with the written approval of the Installation Representative. Legible copies of the field notes, data forms and other information shall be provided to the Installation Representative upon request.

In order to avoid impacts to federally listed, rare, or endemic plants the PI must coordinate all vegetation and ground disturbing activities with the Installation Representative. Under no circumstances are any federally protected plants to be disturbed and/or destroyed when completing the work required in this Agreement. The PI shall ensure that all footwear, backpacks, clothing, vehicles and equipment transported to the Installation are clean of weed seed. In addition, under no circumstances shall the PI violate the Archeological Resources Protection Act. If any objects are found that appear to be cultural or archeological resources, the PI shall leave those items undisturbed. If the PI accidentally disturbs an archeological and/or cultural resources site, the PI shall leave the site immediately (and as intact as possible) and contact the Installation Representative.

The PI shall inform the Installation Representative via e-mail of any unusual activity observed while conducting surveys in the field (e.g. trespassers or persons in unauthorized areas).

Information should include (a) location, (b) date, (c) time, and (d) any detailed facts regarding the activity. However, the PI is not obligated to monitor trespass in the study area.

The PI shall inform the IR via e-mail of any unusual animal or plant species observed while conducting surveys in the field (e.g. species which are federally listed or are State of Arizona Species of Concern). Information should include (a) location, (b) date, (c) time, and (d) any detailed facts of the sighting.

Throughout the term of this Agreement, the IR shall be afforded the opportunity by the PI to periodically observe the PI's field activities, to review computer or paper files of raw data, prepared data (such as data analyses, summaries, maps, figures, tables, etc.), or any record deemed appropriate by the Installation Representative in establishing the PI's performance in fulfilling the requirements of this Agreement.

Sections of this Agreement may be added to, deleted, or modified during the year to reflect project changes or new information, such as program cost increases requirements. Any management activities not specifically provided for within this Scope of Objectives that are deemed necessary to carry out this Agreement shall be discussed with and mutually agreed to by the PI and Installation Representative prior to implementation by the PI. Changes to this Agreement will be made effective only through an Agreement Amendment signed by the appropriate signatory authorities.

4. DESCRIPTION OF OBJECTIVES:

The objectives of the work to be performed under this task order are to prepare a 5-year revision to the BMGR Integrated Natural Resources Management Plan (INRMP) and to prepare a Military Lands Withdrawal Act (MLWA) 5-year INRMP Public Report for submission to the USACE Project Manager (PM), Air Force Civil Engineer Center (AFCEC) Installation Support Section (ISS) POC, and BMGR Air Force and Marine Corps Installation Representatives.

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Work Plan & Schedule: The Recipient shall submit a work plan & schedule within 10 days of the scheduled kick-off meeting. The work plan and schedule shall be finalizing within 30 days of the kick-off meeting.

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Monthly Meetings

Coordination should be made with Installation Representatives, AFCEC ISS and USACE PM at a monthly review meeting. All work shall be IAW this SOO and be consistent with the Project

Schedule & Work Plan approved by the USACE PM and Installation Representatives. Schedule changes and trade-off decisions can be jointly made by the USACE PM, Installation Representatives, and AFCEC Nellis ISS and align with the Sikes Act compliant INRMP. Schedule should account for a government review period of 30 days. **The USACE Grants Officer must approve any changes in scope or cost.** All coordination with state and federal regulators will be by the Installation Representatives or AFCEC ISS only. All NFEs conducting work under the agreement should aim to attend the monthly meeting.

The MLWA Act of 1999 assigned natural and cultural resource management authority for the BMGR to the Department of the Air Force and Department of the Navy for the east and west portions, respectively. This required development of a new Sikes Act compliant INRMP, which was last reviewed in October 2018, and is nearing its required 5-year review. MLWA also mandates completion of a public report concurrent with the INRMP review. The relevant text from the MLWA is excerpted below:

(5) PUBLIC REPORTS-

(A)(i) Concurrent with each review of the integrated natural resources management plan under paragraph (3) pursuant to subparagraph (E)(ix) of that paragraph, the Secretary of the Navy, the Secretary of the Air Force, and the Secretary of the Interior shall jointly prepare and issue a report describing changes in the condition of the lands withdrawn and reserved by this section from the later of the date of any previous report under this paragraph or the date of the environmental impact statement prepared to support this section.

(ii) Any report under clause (i) shall include a summary of current military use of the lands referred to in that clause, any changes in military use of the lands since the previous report, and efforts related to the management of natural and cultural resources and environmental remediation of the lands during the previous five years.

(iii) Any report under this subparagraph may be combined with any report required by the Sikes Act.

(iv) Any disagreements concerning the contents of a report under this subparagraph shall be resolved by the Secretary of the Navy and the Secretary of the Air Force. This authority may be delegated to the installation commanders.

(B)(i) Before the finalization of any report under this paragraph, the Secretary of the Navy, the Secretary of the Air Force, and the Secretary of the Interior shall invite interested members of the public to review and comment on the report, and shall hold at least one public meeting concerning the report in a location or locations reasonably accessible to persons who may be affected by management of the lands addressed by the report.

(ii) Each public meeting under clause (i) shall be announced not less than 15 days before the date of the meeting by advertisements in local newspapers of general circulation, publication of an announcement in the Federal Register, and any other means considered necessary.

(C) The final version of any report under this paragraph shall be made available to the public and submitted to appropriate committees of Congress.

A single INRMP addresses the entirety of the BMGR, but administratively the range is divided into eastern and western portions that are managed by the Air Force and Marine Corps, respectively. Due to differing military training missions and other factors, the projects that implement management goals are different for BMGR East and West.

The BMGR INRMP documents shall contain content and formatting compliant with applicable DoD (Air Force and Marine Corps) and legal regulatory protocol (e.g. Air Force Manual 32-7003; Sikes Act (16 United States Code [U.S.C.] 670a *et seq.*); MLWA of 1999; etc.). Additionally, the 56 RMO and MCAS Yuma Range Management Department require review and updates to the previous MLWA (Public Law [P.L.]106-65) driven public report from 2018, outlining changes in military use, environmental conditions and public access opportunities at the BMGR that have occurred since the previous public report was published. The BMGR Intergovernmental Executive Committee (IEC) is a forum that meets three times annually for the purpose of exchanging views, information and advice relating to the management of the natural and cultural resources of the BMGR lands withdrawn and reserved by Public Law 106-65 enacted on October 5, 1999. These meetings are open to the public and the forum may be combined with the INRMP review outreach efforts to meet the MLWA requirement for public input and involvement in the overall project effort.

The deliverables for this project include a new INRMP that incorporates changes resulting from the 5-year review process, and a separate public report for BMGR. The public report would be comparable to the 2018 public report in length, information, and graphics. Both documents would be produced in hard copy (14 each) and compact disc (14 discs, each containing both documents).

Based on the timing and sequence of the previous INRMP review, the desired milestone is to circulate the new INRMP for signature no later than September 2023. The NFE shall develop a project schedule that meets that milestone, and provides the Government an internal review version of the draft and final documents, each with 30-day review periods. The IEC meets three times annually in January (usually in Tucson), May (in Glendale), and September (in Yuma). The schedule may be designed around these dates.

This project consists of the following major elements.

A. Information Gathering.

This task includes meeting and communicating with range operations and land management personnel at Luke AFB and MCAS Yuma to determine the extent to which the military use of land or the management of resources has changed since publication of the 2006 INRMP EIS and 2018 INRMP. This includes descriptions of land management issues and achievements, plus any characterization, remediation, or range clearance activities.

- There would be two data gathering meetings with appropriate 56 RMO personnel and MCAS Yuma Range Management Department personnel at a to-be-determined location. These meetings would serve to discuss the overall goals, approach, schedule, and changes in military use. The duration of these meetings is estimated at up to four hours.
- GIS data, NEPA documents, range plans, or other materials that may address changes that have occurred in the past five years will be provided to the NFE at the kick-off meeting.
- Provided GIS data shall be geospatially accurate, in a single projection system, and include appropriate metadata.
- Additional coordination with range operations and land management personnel may be required, but will be addressed through telephone and e-mail coordination.

B. Organize and Facilitate Interagency INRMP Review Meetings.

Organize and facilitate two meetings (one each for BMGR East and West) to seek input from Arizona Game and Fish Department (AGFD), U.S. Fish and Wildlife Service (USFWS) Refuges and Ecological Services departments, plus any other interested stakeholders, such as Bureau of Land Management, Organ Pipe Cactus National Monument, U.S. Customs and Border Patrol, etc.). Facilitate legally required consultation with tribes that claim cultural affiliation to the BMGR. This task includes securing a meeting space and development of a presentation and/or poster boards that address updates to the major elements of the INRMP.

Facilitate the discussion to address the 2018 management elements of the INRMP, with the goal of ascertaining whether changes to the existing INRMP goals and objectives are necessary and appropriate.

- Meetings shall be held in office space for one of the involved agencies or the NFE so that rooms will be available at no cost.
- The meeting location for BMGR East shall be at Luke AFB and for BMGR West will be in the Yuma area.
- Meeting duration shall not exceed 6 hours, excluding travel time.
- The NFE shall have a minimum of two representatives attend each meeting.
- A maximum of 25 personnel shall attend each meeting.
- Attendees shall be provided with printed excerpts from the INRMP or other written material; printing all materials double-sided on recycled paper is preferred. Printed materials shall not exceed 20 total pages per meeting.
- Presentation materials shall include up to 20 PowerPoint slides, but no script shall be developed. If presentation boards are used, they shall be the same as those

developed for public meetings.

- Meeting discussion topics are expected to be non-controversial and should result in little or no changes to the current INRMP. Discussion may focus on issues such as wildlife waters, road networks, etc.
- The NFE shall prepare meeting minutes within two weeks of the meeting documenting the participants/attendees, items discussed, determinations, decisions, courses of action, and action items.

C. Facilitate Public Interaction Meetings.

Conduct three individual outreach meetings, or combine with three consecutive IEC meetings to address the INRMP review process and development of the 5-year public report. These meetings would be analogous to public involvement in an environmental impact statement. The first meeting would be similar to a scoping meeting in which the overall process and schedule is announced. The second meeting would seek public input on the draft revised INRMP and 5-year public report that resulted from the interagency meetings. The third meeting would present the final outcome.

Develop and provide the appropriate presentation materials, such as posters, handouts, etc. The first and second meetings would be in the open house format, with Air Force and Marine Corps technical experts available to discuss the details of range operations and the management elements. Refreshments shall be provided for this meeting.

- The NFE shall make arrangements for announcements in local newspapers. This will include developing a draft (for review) and final 10-column-inch display advertisement. Notice shall be published in the *Yuma Sun*, *West Valley View* (Glendale), the *Gila Bend Sun*, *Arizona Daily Star* (Tucson), and the *Ajo Copper News*. Notices shall be published for one weekday with one newspaper advertisement per public meeting.
- The NFE shall prepare text for one Federal Register notice (which the Government will submit for publication). Draft text shall be submitted for government review and final text shall be submitted to address the comments on the draft.
- The NFE shall develop a draft and final postcard that may be mailed to interested parties to notify them of the public meetings. The postcard will announce the meetings and refer the public to a website where more detailed information about the INRMP review purpose, process, and outcomes. The NFE will mail up to 600 postcards using the former INRMP mailing list or a recent mailing list provided by the government based on other recent BMGR mailing lists.
- The NFE will develop text and graphic material that the government may format and post to the Luke AFB and/or MCAS Yuma websites. Content will generally include, but not be limited to:
 - Broad overview of the military responsibilities for resource management in context of the Sikes Act requirements for supporting the military mission.

- Broad overview of the resource management goals and accomplishments over the past five years.
- Purpose of the INRMP review and the process being taken to complete the review.
- Public involvement opportunities, including updates to announce upcoming public meetings.
- Summary of the outcome as the process is concluded with electronic links to the documents.
- The final materials provided for the website shall be compliant with Section 508 of the Rehabilitation Act.
- The NFE will develop up to four presentation boards (approximately 3 feet wide by 4 feet tall) for each of the first two meetings. A draft and final version of the boards will be submitted in electronic format for government review before the presentation boards are printed and mounted to foam core.
- The NFE will develop a handout for each public meeting consisting of up to four 8.5" X 11" pages or two 11" X 17" pages, depending on the best format for the materials to be shared. The NFE will provide sufficient copies of the handout at the meeting. Sign-in sheet will be provided by the NFE to record the public participants who may want to be added to future mailings regarding BMGR projects.
- The NFE will prepare an approximately 15-minute scripted PowerPoint presentation for the third meeting and shall provide equipment to show the presentation. The presentation will briefly summarize the accomplishments of the past five years, but focus on the management actions for the next five years with some mention of the public input that contributed to the planned management actions. Presentation boards used at the first two public meetings may be used to supplement the meeting, but no boards will be created or modified for the third meeting.
- Maps will be developed for the documents and will not be reformatted (other than enlarged or reduced in size) for use on presentation boards or PowerPoint presentation even if there is some effect on the resolution quality.
- No court reporter or translation services will be required.
- The NFE will provide two representatives involved in the development of the INRMP revision and public report to support the government in presenting the materials to the public.
- The NFE will prepare a summary report within 10 business days of each meeting to include a brief overview of the meeting format and attendance, a summary of the comments received, and appropriate appendices of presentation materials and public notices.

D. Produce Documents.

Two documents will be produced: the revised INRMP and a public report that addresses the specific topics mandated by MLWA, summarizes the INRMP revisions, and describes the public review process.

Four versions of each document will be required: a preliminary draft for internal review, a draft for public review, a preliminary final for internal review, and a final. The preliminary final may be submitted in electronic form. Allow 30 days for internal reviews by the Government and 45 days for public review of the draft.

Assumptions:

- The project will consist of revising the INRMP signed October 2018, which received subsequent annual updates in FY19, FY20, and FY21. The revision will incorporate changes that have occurred to range operations or management, changes that have occurred based on actions taken by other agencies within the BMGR (as reported during interagency review meeting or information gathering tasks), changes that are needed to ensure the INRMP meets all Air Force and Marine Corps INRMP requirements, status of completion for the projects during the previous five years, and an updated project list.
- Range management personnel from Luke AFB and MCAS Yuma will provide the project list for tasks to be completed in the next five years.
- The public report will function as an executive summary to the INRMP revision. While it will have stand-alone qualities, the reader may need to refer to the INRMP for the level of detailed information needed to fully understand the past accomplishment and future management actions.
- The public report will be heavy in graphic material (comparable to the 2018 public report), including photographs or other materials that illustrate the changes that have occurred, evidence of implemented projects, or problems to be addressed. The government will provide photographs that may be used to support the public report. The public report will be printed in color.
- Screen checks of revised draft documents will be provided electronically for a brief review before public drafts are printed.
- The 14 hard copy documents and 14 of the CDs/DVDs will be divided between Luke AFB and MCAS Yuma. The NFE will mail up to 25 additional CDs/DVDs to interested parties, as identified by Luke AFB and MCAS Yuma project team representatives.

NEPA Analysis

The INRMP 5-Year Review will not likely trigger NEPA review because separate NEPA documents (BMGR East and BMGR West) have previously been completed and no significant change to any management goals for any installation is expected. Proposed actions for the next five-year period may evolve through the interagency meetings and information gathering tasks may require task-specific NEPA compliance actions separate from the INRMP effort. Some may not be defined well enough (for example, the site-specific location) to conduct the analysis during the period of performance for the INRMP revision. Any necessary site-specific NEPA analysis such as minor revisions to the road network (closing certain roads or opening others for administrative purposes) and the development of additional wildlife waters can occur separately from the INRMP process.

Data Collection and Geographic Information System Database Requirements

Original data sheets will be delivered to the BMGR-NRM no later than seven (7) days after the completion of each field event. Data sheet format will be approved by the NRM prior to first field event.

GIS Data: Any GIS data created for this project shall be provided as a deliverable. Vector data shall be delivered as Feature Classes (FC) in ESRI's file geodatabase format – version 10.6. Unless exception is made, all final GIS datasets must comply with the latest version of Spatial Data Standards for Facilities, Infrastructure, and Environment (SDSFIE) available from the SDSFIE website: <http://www.sdsfie.org/>. Currently the USAF is using SDSFIE version 3.1.1. The work plan / bid shall specify which SDSFIE FCs will be used in the final delivery. Contact a 56 RMO Geographer or the 56 RMO Project Manager if no appropriate SDSFIE feature class exists.

GPS Data: Unless exception is made, all features collected via GPS shall be differentially corrected to a horizontal accuracy of 1 meter, or better. Additionally all raw GPS data files shall be provided.

Coordinate System: Final deliverable GIS datasets shall be provided in the following coordinate system:

Projection: UTM

Datum: WGS-84

Zone: 12 North

Units: Meters

Metadata: All final GIS data layers shall contain metadata consistent with the Federal Geographic Data Commission (FGDC) requirements. This metadata must include the lineage of the dataset - how it was collected (including a discussion of accuracy), what processes were run on it, etc. For GPS collected data the metadata will document what type and model of GPS units were used – including use of any external antennas, as well as what GPS software and post processing software were used.

Delivery Method: All GIS data shall be provided digitally via electronic file transfer (i.e., DOD SAFE). Alternately, at the discretion of 56 RMO, file transfer may be accepted on CD, DVD, or external hard drive.

5. GOVERNMENT FURNISHED INFORMATION OR EQUIPMENT

The Government will not furnish any supplies or manpower in support of this agreement. The 56 RMO maintains a library of natural resources information, GIS data, and high resolution imagery that has been collected on the BMGR East that will be made available to the cooperator. The cooperator will need to contact the Installation Representative to discuss the information needs for the project and to make arrangements to access the material. The cooperator shall pay for or replace any items borrowed that are damaged or lost.

6. OPTIONS No options

7. PERIOD OF PERFORMANCE

The period of performance for this task is 18 months from date of award.

8. GOVERNMENT POCS:

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Office: (402) 768-1048
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Barry M. Goldwater Range, Installation Representatives:
Air Force, Ms. Tiffany Shepherd, 623-856-849, tiffany.shepherd.3@us.af.mil
Marine Corps, Mr. Jeremy Pennell, 928-269-3402, jeremy.pennell@usmc.mil

9. DATA & PUBLICATION:

This Cooperative Agreement is subject to, and the cooperator shall comply with, 32 CFR Subpart 32.6 concerning “Intangible Property,” which includes use of research data. Any information or data protected by federal law will be identified by the Government prior to being provided to the PI and the Government will notify the PI in advance of applicable limitations on such information. Except as to information so identified and limited, there are no restrictions on reporting or publishing reports based upon the fundamental research that is the subject of this Cooperative Agreement.

The Federal Government has the right to obtain, reproduce, publish or otherwise use the data first produced under this Agreement and authorize others to receive, reproduce, publish, or otherwise use such data for Federal purposes. The Government acknowledges and agrees that the PI’s fundamental consideration in performing the research under this Agreement shall be PI’s right to publish the results of such research for academic and scientific purposes. The PI shall submit, for review and comment, any proposed professional, scientific or non-scientific report, paper or note published or unpublished or be part of any technical or non-technical presentation or be provided to anyone not a party to this Agreement to the U.S. Air Force and U.S. Marine Corps thirty (30) days prior to the submission of the work mentioned above.

The acknowledgements for any paper or presentation resulting from this work shall include the following statement: “This research was funded by the United States Air Force and Marine Corps on behalf of the Installation [Insert Installation Name].”

Any publications resulting from this work shall be provided at no cost to the Air Force and Marine Corps in quantities jointly determined by the responsible Air Force and Marine Corps representatives and the PI at the time of publication. The PI shall be responsible for ensuring all personnel participating in activities under this Agreement have read and acknowledged the DATA AND PUBLICATION provisions of this Agreement.

RELEASE OF INFORMATION

The PI shall not respond to any inquiries about this Cooperative Agreement from the news media or non-governmental organizations or other persons during the term of this Cooperative Agreement unless it has first consulted with the Government and a determination appropriately made by the cognizant Government representative concerning release of information pursuant to the authority (Federal or State) cited by the requester. All inquiries shall be directed to the Public Affairs Officers through the Installation Representative.

- 10.** This cooperative agreement 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%).

Any resulting cooperative agreement will be subject to and recipient/cooperator shall comply with 2 CFR 200.313 "Equipment", 200.314 "Supplies", and 200.315 "Intangible Property" which includes use of research data.