

**REQUEST FOR STATEMENTS OF  
INTEREST NUMBER N62473-15-2-0007  
PROJECT TO BE INITIATED IN 2015**

**Project Effects of Artificial Lighting on Pacific Pocket Mouse, Marine Corps Base Camp Pendleton, California**

Responses to this Request for Statements of Interest (RSOI) will be used to implement a cooperative program to study the effects of artificial lighting on Pacific pocket mouse in preparation for a captive bred population release. The cooperators at a minimum will study 1) the effects of different types of light on foraging behavior; 2) the effects of light orientation on foraging behavior; and 3) the effects of light on fitness of Pacific pocket mouse. The work is located at Marine Corps Base, Camp Pendleton (MCBCP) in the San Diego County. The authority for this Cooperative Agreement is 16 USC §670c-1 (Sikes Act) (Natural Resources Management). Approximately \$200,000.00 is expected to be available to support this project.

Type of Assistance Instrument Anticipated: Cooperative Agreement

Authority: Cooperative Agreement under 16 USC §670c-1 (Sikes Act)

Eligible Applicants: Any Cooperative Ecosystem Studies Unit Californian cooperative partner who qualifies under the DoDGARS Part 34 and 2 Code of Federal Regulations 200 is eligible to apply.

Cost Sharing: Not required

**Background:**

The Pacific Pocket Mouse (*Perognathus longimembris pacificus*) historically occurred on the immediate coast of southern California from Los Angeles County south to the vicinity of the Mexican border in San Diego County. The subspecies was thought to be extinct but was rediscovered in 1993. It is currently known to occur only at the Dana Point Headlands, Orange County, and two locations on the Marine Corps Base, Camp Pendleton (MCBCP) in San Diego County. Because of its limited range and population status, it is currently listed as Endangered under the Federal Endangered Species Act.

**Brief Description of Anticipated Work:**

The selected cooperator will design and execute a comprehensive study to analyze the effects of artificial lighting on Pacific Pocket Mouse. The study shall evaluate 1) the effects of lighting orientation and different types of light on foraging behavior, and 2) the effects of night-time lighting on persistence and fitness. This study will support the multi-agency effort (of which the Marine Corps participates) to conserve the species through field-release of captive-reared individuals in areas where the likelihood of survival is high. The work is located at Marine Corps Base, Camp Pendleton (MCBCP) in the San Diego County.

Please see enclosure 1 for full scope of work and enclosure 2 for applicable terms and conditions.

**Period of Performance.** The period of performance for this Cooperative Agreement will be dependent upon the final proposal selected, but is expected to be 18 months.

**Materials Requested for Statement of Interest/Qualifications:**

Please provide the following via e-mail attachment to: Reagan Pablo (reagan.s.pablo@navy.mil).

- 1) SF 424 (Enclosure 3)
- 2) Research & Related Senior/Key Personnel Form (Enclosure 4). Please see Factor 1 for additional submittal requirements. Please email Reagan Pablo at [reagan.s.pablo@navy.mil](mailto:reagan.s.pablo@navy.mil) to receive a copy of this enclosure.
- 3) Research and Related Budget (Enclosure 5)
- 4) SF-LLL Disclosure of Lobbying Activities (Enclosure 6). If applicable, complete SF-LLL. Applicability: If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the grant/cooperative agreement, you must complete and submit Standard Form - LLL, "Disclosure Form to Report Lobbying."

Reimbursement of pre-award costs will not be allowed.

**Review of Statements Received:** Proposals will be evaluated based on the following four factors: 1) Credentials of the Principal Investigator, Project Manager and Technical staff 2) Innovative Scientific Approach 3) Approach to Safety 4) Reasonableness of Cost

**NOTE:** All requirements listed are minimum requirements. Information provided must be recent (within last seven (7) years) and relevant. Offerors will be assessed on their ability to adhere to the listed requirements, completeness of responses, follow directions, comply with restrictions and provide quality control on their submittals. All page limits refer to 12 point font and single spaced one-sided pages.

**Factor 1 – Credentials of the Principal Investigator, Project Manager and Technical staff**

The applicant shall provide type written resumes of the Principal Investigator, Project Manager and Technical staff proposed for this project, stating their qualifications, experience with this type of project, professional registration and certificates, possession of research permits, and publications. Maximum length is 12 pages, single-spaced with 12 pt font (of note, the 12 page limitation does not include the Research & Related Senior/Key Personnel Form or proof of permit). The applicant shall submit evidence of the required 10a1A permit to handle and conduct research on Pacific pocket mouse, and following technical requirements/qualifications:

### Principal Investigator

- A minimum of a PhD in Animal Behavior, Ecology, or related science disciplines;
- A minimum of 5 years experience in a principal investigator capacity.

### Project Manager

- A minimum of a Master's degree in Animal Behavior, Ecology, or related science disciplines;
- A background in bio-statistical analysis
- A minimum of 2 years applicable field experience working with Pacific pocket mouse or a closely related species.

### Technical Staff

- A minimum of a Bachelor's degree in Wildlife Biology, Ecology, or related science disciplines; and
- A minimum of two years field experience with small mammals, and be fully trained on trapping and identification of Pacific pocket mouse and conspecifics occurring in the region

Please provide your proposed Principal Investigator, Project Manager and Technical staff on the provided pdf titled, "Research & Related Senior/Key Personnel Form" (Enclosure 4).

### **Factor 2 – Innovative Scientific Approach**

The application shall address the proposed research question and develop a sound experimental design. The proposals shall be evaluated as to the soundness of the overall approach and the use of any innovative and/or efficient techniques to accomplish the objectives of the stated approach. Maximum length is 6 pages, single-spaced with 12 pt font.

### **Factor 3 – Approach to Safety**

The applicant shall demonstrate an institutional approach to maintaining employee safety in a variety of field conditions. The applicant shall demonstrate a track record of maintaining employee safety. If any safety violations have occurred, the offeror shall clearly demonstrate how the situation was addressed and how the approach to safety was improved, if necessary, to prevent a repeat occurrence. Maximum length is 6 pages, single-spaced with 12 pt font.

### **Factor 4 - Reasonableness of Cost**

After technical evaluation of the proposal, the Offers shall be analyzed to determine whether they are materially/mathematically balanced with respect to prices or separately priced items, and for fair and reasonable pricing. The Offeror shall use OMB Circular A-21 "Cost Principles for Institutions of Higher Education," or 48 CFR part 31 "Contract Cost Principles and Procedures," as applicable. Evaluation will include an analysis to determine the Offeror's comprehension of the requirements of the solicitation as well as to assess the validity of the Offeror's approach.

Please provide your proposed budget on the provided pdf titled, "Research and Related Budget"

form\*(Enclosure 5).

**\*Form: RESEARCH AND RELATED BUDGET**

Complete the Research and Related Budget form in accordance with the instructions on the form. You must provide a detailed cost breakdown of all costs, by cost category, by the funding periods described below, and by task/sub-task corresponding to the task number in the proposed Statement of Work. You may request funds under any of the categories listed as long as the item and amount are necessary to perform the proposed work and meet all the criteria for allowability under the applicable Federal cost principles. The budget should adhere to the following guidelines:

The budget should be driven by program requirements. Elements of the budget shall include:

- Direct Labor - Individual labor category or person, with associated labor hours and unburdened direct labor rates.
- Indirect Costs - Fringe benefits, overhead, G&A, COM, etc. (must show base amount and rate). Justify in Field K.
- Travel - Number of trips, destination, duration, etc. Justify in Field K (on the form).
- Subcontract - A cost proposal as detailed as the applicant's cost proposal will be required to be submitted by the subcontractor. If applicable, include in Research & Related Subaward Budget Attachment Form.
- Consultant - Provide consultant agreement or other document that verifies the proposed loaded daily/hourly rate. Include a description of the nature of and the need for any consultant's participation. Strong justification must be provided, and consultants are to be used only under exceptional circumstances where no equivalent expertise can be found at a participating university. Provide budget justification in Field K.
- Materials - Specifically itemized with costs or estimated costs. An explanation of any estimating factors, including their derivation and application, shall be provided. Include a brief description of the applicant's procurement method to be used (competition, engineering estimate, market survey, etc.). Justify in Field K.
- Other Directs Costs - Particularly any proposed items of equipment or facilities. Equipment and facilities generally must be furnished by the cooperator/recipient (justifications must be provided when Government funding for such items is sought). Include a brief description of the applicant's procurement method to be used (competition, engineering estimate, market survey, etc.). Justify in Field K.

Budget Justification (Field K on the form): Provide the required supporting information for the cost elements as shown above (see Research & Related Budget instructions) and listed as follows: indirect cost, travel, consultant, materials, and other direct costs. Provide any other information you wish to submit to justify your budget request.

**NOTE:** Every deviation from the scope of work requirement must be identified. Offerors must identify the paragraph in the scope of work that is applicable and provide sufficient information to justify why the deviation is in the best interest of the government.

**RELATIVE IMPORTANCE OF EVALUATION FACTORS** – 1) Credentials of the Principal Investigator, Project Manager and Technical staff 2) Innovative Scientific Approach 3) Approach to Safety 4) Reasonableness of Cost are approximately equal to one another.

**Please send electronic responses and questions to:**

Mr. Reagan Pablo, Contract Specialist Environmental Acquisition Core [reagan.s.pablo@navy.mil](mailto:reagan.s.pablo@navy.mil)

**Point of Contact Information:**

Mr. Reagan Pablo, Contract Specialist Environmental Acquisition Core  
Naval Facilities Engineering Command Southwest  
1220 Pacific Highway  
San Diego, CA 92132  
619.532.2090

**Timeline for Review of Statements of Interest:**

We request that Statements of Interest be submitted by March 20, 2015 2:00 PM local standard time. This Request for Statements of Interest will remain open until an investigator team is selected.