

**REQUEST FOR STATEMENTS OF INTEREST WITHIN THE
COOPERATIVE ECOSYSTEM STUDIES UNIT
INTEREST #N62473-17-2-0014
PROJECT TO BE INITIATED IN 2017**

Project Title: Passive Acoustic Monitoring of Marine Mammals in the Southern California Range Complex

Responses to this Request for Statements of Interest (RSOI) will address marine species monitoring in the Southern California Range Complex. Approximately \$425,000.00 is expected to be available to support the base requirements of this project.

Type of Assistance Instrument Anticipated: Cooperative Agreement

Authority: Cooperative Agreement under 16 USC §670c-1

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

Cost Sharing: Not required

Background:

The U.S. Navy conducts training and testing activities in the study areas described in the Hawaii-Southern California Training and Testing (HSTT) Environmental Impact Statement (EIS). To authorize these actions, the National Marine Fisheries Service (NMFS) under the Marine Mammal Protection Act (MMPA) issued a 5-year Final Rule Letter of Authorization (LOA) to Commander, U.S. Pacific Fleet and Commander (enclosure 1). The U.S. Navy is required by the LOA to implement marine species monitoring.

The Navy's Southern California (SOCAL) Range Complex is located in the HSTT Study Area in the Southern California Bight. This region has a highly productive marine ecosystem owing to the southward flowing California Current, and associated coastal current system. A diverse array of marine mammals is found here, including baleen whales, beaked whales and other toothed whales and pinnipeds. In January 2009, the Navy initiated a passive acoustic monitoring effort within the SOCAL Range Complex to characterize the vocalizations of marine mammal species present in the area, to determine their seasonal presence patterns, and to evaluate the potential for impact from naval operations. Continued monitoring efforts are required to support marine mammal studies in the offshore waters of the SOCAL Range Complex portion of the HSTT Study Area, in compliance with the most recent LOA.

Brief Description of the Anticipated Work:

The Department of the Navy (DoN) is seeking statements of interest that address the Navy's passive acoustic monitoring requirements for marine mammals in the SOCAL Range Complex. Generally, the Navy's passive acoustic monitoring requirements include: (1) collect and analyze passive acoustic monitoring data; (2) perform shipboard visual and acoustic surveys for marine

mammals on California Cooperative Fisheries (CalCOFI) cruises in the southern California Bight region; (3) evaluate the potential impact of sonar on marine mammals; (4) determine spatial population structure of fin whales in southern California; and (5) produce a report of each effort. The optional components of this cooperative agreement are: (1) Summary report of 5 years of anthropogenic noise in SOCAL; (2) Summary report of 5 years of blue, fin and beaked whale presence in SOCAL; (3) Analysis of baleen whale calls (sonobuoys) from CalCOFI; and (4) Analysis of regional differences in blue whale songs along US west coast.

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

Period of Performance:

The proposed period of performance consists of an 18 month base year and four (4) option items. The parties may extend the term of this Cooperative Agreement by written modification. Each option item has a period of performance of 18 months from award. The award of any or all options may be awarded at anytime during the base period of performance and may not be awarded no later than 18 months from the date of award of the base period of performance. The total duration of this agreement, including any option years, shall not exceed 36 months. The end date is the anticipated date that the Final Report is accepted by the Government. All option items are subject to the availability of funds.

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.
- 3) Research and Related Budget Form (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 three factors: 1) Credentials of Key Personnel, 2) Scientific Approach, and 3) Reasonableness of Cost

NOTE: All requirements listed are minimum requirements. 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 Key Personnel

A. Principal Investigator: The Recipient shall designate one person as responsible for ensuring that provisions are in place project and personnel supervision, quality control and meeting of reporting requirements on a daily basis. This person shall have, at the minimum:

- i. A PhD in Physics or related science.
- ii. Experience and knowledge of underwater acoustics in relation to marine mammal impacts, and populations, as demonstrated by at least 10 years of previous work or research experience.
- iii. Specific knowledge of underwater sounds produced by marine mammals along the U.S. West Coast, as demonstrated by at least 10 years of previous work or research experience.

B. Research Associates: The person(s) shall have, or have immediate access to personnel that have, at the minimum:

- i. A PhD in Physics, Oceanography, Physiology, or related science.
- ii. At least 3 years of experience with passive acoustic monitoring of marine mammals in the U.S. West Coast. Must have the ability to identify U.S. West Coast marine mammals with acoustics, determine densities of marine mammals with acoustics, evaluate impacts of noise to marine mammals.

With the Research & Related Senior/Key Personnel Form, the Applicant shall provide type written resumes, not to exceed 3 pages (per key personnel), single spaced with 12pt font for the Principal Investigator and Research Associates. Resumes must state qualifications, experience with this type of project, professional registration and certificates.

Factor 2 – Scientific Approach

Not to exceed 3 pages, the Offeror shall develop an outline for their approach to addressing the anticipated work stated above. The Offeror may only propose additional geographic and environmental variables to consider, not mentioned in the RSOI, but pertinent to the study issues. The Offeror shall be evaluated as to the soundness of the overall approach and use of any innovative techniques to accomplish project objectives.

Factor 3 - 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. A clear cost breakdown of work elements to be accomplished detailing quantities for the various work items, unit, unit prices and extended prices will be required and will be evaluated. Evaluation will include an analysis to determine the Offeror's comprehension of the requirements of the proposed agreement as well as to assess the validity of the Offeror's approach. Please be sure to provide a proposal for the optional work years as listed within the statement of work.

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. Proposer 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 – Factor 1, 2, and 3 are of equal importance.

Timeline for Review of Statements of Interest:

We request that Statements of Interest be submitted by August 10, 2017 2:00 PM local standard time. This Request for Statements of Interest will remain open until an investigator team is selected. Statements of Interest received after August 10, 2017 2:00 PM local standard time is considered “late” and may not be considered.

Please send electronic responses and questions to:

Mr. Reagan Pablo, Contract Specialist Environmental Acquisition Core
Reagan.s.pablo@navy.mil

Point of Contact Information:

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