

**REQUEST FOR STATEMENTS OF INTEREST WITHIN THE
COOPERATIVE ECOSYSTEM STUDIES UNIT
INTEREST #N62473-18-2-0016
PROJECT TO BE INITIATED IN 2018**

Project Title: Passive Acoustic Monitoring of Marine Mammals in Navy Range Complexes in the Pacific Ocean

Responses to this Request for Statements of Interest (RSOI) will address measures in support of marine mammal monitoring. Approximately \$782,557.00 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 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 Navy trains in several range complexes throughout the Pacific Ocean. To authorize these actions, the National Marine Fisheries Service issued Letters of Authorization under the Marine Mammal Protection Act and Biological Opinions under the Endangered Species Act and requires Navy via U.S. Pacific Fleet to implement marine species monitoring.

The Navy's Southern California Range Complex is located in the Southern California Bight off San Diego County and adjacent deep waters to the west. This region has a highly productive marine ecosystem owing to the southward flowing California Current, and associated coastal current system. The Navy's Gulf of Alaska Temporary Maritime Activities Area, located in the waters below Alaska have a unique combination of attributes that make it a strategically important training venue for the Navy including location, oceanographic conditions, and area of training space. A diverse array of marine mammals is found in these range complexes, including baleen whales, beaked whales and other toothed whales and pinnipeds.

A U.S. Pacific funded acoustic monitoring effort was initiated within the Southern California Range Complex in 2009 and the in Gulf of Alaska in 2014. The goal of these efforts was to characterize 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. Current monitoring efforts are required to support marine mammal studies in the offshore waters of the Southern California Range Complex and the Gulf of Alaska Study Area, in compliance with of a Letter of Authorization dated 13 December 2013 from the Department of Commerce's National Marine Fisheries Service.

Brief Description of the Anticipated Work:

The Department of the Navy (DoN) is seeking statements of interest that address the Navy's monitoring requirements for passive acoustic monitoring of marine mammals in the Pacific Ocean. Generally, the Navy's requirements include: (1) collect and analyze passive acoustic monitoring data in the Southern California Range Complex, (2) conduct an assessment of beaked whale occurrence from towed array surveys, (3) collect and analyze passive acoustic monitoring data in the Gulf of Alaska, and (4) report development.

The Optional Items of this Cooperative Agreement are to: (1) provide updated marine mammal abundances from data collected on California Cooperative Fisheries Investigation cruises; (2) compare acoustic data of explosions collected during fisheries and Navy activities in the Southern California Range Complex; and (3) continue analysis of sonar impacts on whales using passive acoustic monitoring data in the Southern California Range Complex.

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

Period of Performance:

The base period of performance covered by this agreement is 18 months upon award. The monitoring field work activities for this project are scheduled to occur between fall 2018 and fall 2019. This timeframe allows for the deployment and recovery of High-frequency Acoustic Recording Packages as well as quarterly California Cooperative Fisheries Investigation cruises.

The agreement also has three (3) 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 anytime during the base period of performance and may not be awarded 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. All option items are subject to the availability of funds.

The exact period of work performance will be determined upon award, the award of any optional work elements and will be subject to the Anti-Deficiency Act (31 U.S.C. § 1341). The end date is the anticipated date that the Final Report is accepted by the Government.

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."

- 5) Research & Related Senior/Key Personnel Form (Enclosure 7). The Federal Government has a continuing commitment to monitor the operation of its review and award processes to identify and address any inequities based on gender, race, ethnicity, or disability of its proposed PDs/PIs and co-PDs/PIs. To gather information needed for this important task, the applicant should submit the requested information for each identified PD/PI and co-PDs/PIs with each proposal. Submission of the requested information is voluntary and is not a precondition of award. However, information not submitted will seriously undermine the statistical validity, and therefore the usefulness, of information received from others. Any individual not wishing to submit some or all the information should check the box provided for this purpose. Upon receipt of the application, this form will be separated from the application. This form will not be duplicated, and it will not be a part of the review process. This data will be kept confidential.

Reimbursement of pre-award costs will not be allowed.

Please note, that some of the forms functionality may be lost. Please visit <https://www.grants.gov/web/grants/forms/r-r-family.html#sortby=1> to retrieve the forms directly from the Grants.gov website.

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 are adequate, and quality control and meeting of reporting requirements are met on a daily basis. This person shall have, at the minimum:

- i. A PhD in Biology 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.

C. Marine Technician: The recipient shall have, or have immediate access to personnel that have, at the minimum:

i. A Bachelor's Degree (or in progress of obtaining degree) in Environmental Science or related science.

ii. At least 1 year of experience with collecting scientific data in the field.

Please include a CV for all key personnel as an attachment to enclosure 4.

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 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 items as listed within the statement of work.

Please provide your proposed budget on the provided pdf titled, "Research and Related Budget" form*(Enclosure 5). Please submit one budget form for the base year of work and separate budget form for each of the options specified in the Statement of Work.

***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 – Clarify 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 22, 2018 PM, 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 22, 2018 PM, 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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