



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

12 March 2013

**REQUEST FOR STATEMENTS OF INTEREST**

**NUMBER W9126G-13-2-SOI-0008**

**PROJECT TO BE INITIATED IN 2012**

**Project Title:** Marine Algae Voucher, Point Mugu Sea Range – San Nicolas Island

Responses to this Request for Statements of Interest will be used to identify potential investigators for a project to be funded by NAVAIR for San Nicolas Island which provides professional and technical support for its Natural Resources Program in order to facilitate successful implementation of the Sikes Act. Approximately \$ 10,500.00 is expected to be available to support this project.

**Background:**

NAVAIR operates the Pt. Mugu Sea Range, an area of 36,000 square miles of air and sea including SNI and portions of water surrounding the northern Channel Islands. As the steward of natural resources in areas controlled by the U.S. Navy, NAVAIR collects and analyzes various environmental data to help ensure living resources are protected and maintained. Marine algae are a critical component of the rocky intertidal ecosystem, as a living resource, food item, and habitat. Understanding the diversity of algae, species composition, and relative abundances is necessary to help determine intertidal ecosystem health. In addition, developing community-level marine macroalgae and plants baseline information is a requirement under the 2010 Naval Base Ventura County SNI Integrated Natural Resources Management Plan. The recipient is asked to collect a representative sample of marine algae occurring in the San Nicolas Island intertidal zone. The recipient will then prepare a museum-quality voucher of all species collected and provide an electronic database to NAVAIR.

**Type of Award:**

The government anticipates it will provide substantial involvement through the life of the project. The exact nature of the government's involvement will be defined in the statement of work, issued with a request for full proposal, after review of the statements of interest. As a result, it is anticipated that a cooperative agreement will be awarded.

**Brief Description of Anticipated Work:**

This research focuses on the following objectives:

Objective 1 COLLECT MARINE ALGAE SAMPLES

The recipient shall collect representative samples of marine algae from various sites around San Nicolas Island. Collected samples will be preserved as museum-quality pressed specimens and stored in a professional herbarium setting.

**Objective 2: PREPARE ALGAE VOUCHER DATABASE**

The recipient shall process collected samples and specimens will be scanned and the resulting images will be made available in an electronic, searchable database. Scanned photos of fresh specimens as well as field photos of seaweeds in situ will be provided.

**Objective 3: COMPARE TO HISTORIC SPECIMENS**

The University Herbarium at the University of California at Berkeley (UC) database of west coast seaweeds will be searched for all San Nicolas Island specimens, both intertidal and subtidal, and images of these historical specimens will be included in the San Nicolas database.

**Period of Performance.** The 4 May 13 through 31 August 13.

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

Please provide the following via e-mail attachment to: jack.e.mobley@usace.army.mil  
(Maximum length: 2 pages, single-spaced 12 pt. font).

1. Name, Organization 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 Lead: Jack Mobley, PhD

Environmental Resources Planner  
US Army Corps of Engineers, Fort Worth District

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**Timeline for Review of Statements of Interest:** Review of Statements of Interest will begin **26 March 2013**. This Request for Statements of Interest will remain open until an investigator team is selected.