

REQUEST FOR INFORMATION (RFI)
ONR RFI Announcement # N00014-16-RFI-0009

**Anti-Submarine Warfare Excursion Model Development and Analysis of Technology
Program Proposals for Future Navy Capabilities**

I. DISCLAIMER:

This announcement constitutes a Request for Information (RFI) for the purpose of determining market capability of sources or obtaining information. It does not constitute a Request for Proposals (RFP), a Request for Quote (RFQ) or an indication that the Government will contract for any of the items and/or services discussed in this notice. Any formal solicitation that may subsequently be issued will be announced separately through Federal Business Opportunities (FedBizOpps). Information on the specific topics of interest is provided in the following sections of this announcement. Neither ONR nor any other part of the federal government will be responsible for any cost incurred by responders in furnishing this information.

II. BACKGROUND:

The Office of Naval Research (ONR) Code 32 requests development of “excursion” models to test, evaluate and develop high level Concepts of Employment (COE) and technical performance required for effective employment of ASW technologies being developed by ONR Code 32 for the U.S. Navy. COE and performance requirements will be determined by using the models to run excursions on OPNAV N81 campaign analysis performed using the General Campaign Analysis Model (GCAM). Thus, the models must interface with GCAM and the successful proposer must have the capability to run these excursions. In addition to identifying gaps in existing code 32 ASW technologies, these studies may identify gaps and requirements for future code 32 ASW programs.

III. SPECIFIC INFORMATION OF INTEREST:

Specific areas of research include:

- Develop parametric models (the excursion models) of ONR Code 32 ASW technology to insert into GCAM and run tradeoffs of various technology attributes, requirements (e.g. size, endurance, speed, etc.), and cost to determine the best combination to deliver needed capabilities in the context of excursions from OPNAV N81 campaign analysis done using GCAM.
- Use the parametric models inserted into GCAM to run war fighting excursions of OPNAV N81 approved campaign scenarios to develop COE of ONR code 32 ASW technologies.
- Use the parametric models to determine operational impact of ONR Code 32 ASW technologies on campaign results.

IV. SUBMISSION INSTRUCTIONS and FORMATTING REQUIREMENTS

- a. Responses are requested by **6 June 2016**. Any response received after this date will also be considered but may not be included in initial reporting or assessments.
- b. All responses should be in PDF format and emailed to the technical point of contact: Dr Dave H Johnson, dave.h.johnson@navy.mil. The subject line of the email should read as follows “RFI: Anti-Submarine Warfare Excursion Model Development and Analysis of Technology Program Proposals for Future Navy Capabilities”.

All response should be unclassified. If desired, a classified supplement may be submitted separately. Please contact the Technical Point of Contact for directions on submission of any sensitive or classified information. All information received in response to this RFI that is marked proprietary will be handled accordingly. Responses to this notice will not be returned.

- c. Responses should not exceed 10 pages **and** should be typed in 12- point Times New Roman font, single spaced, with 1-inch margins.
- d. A suggested submission organization:
 1. Cover Sheet – RFI number and name, address, company, technical point of contact, with printed name, title, email address and date.
 2. Table of Contents with page numbers
 3. Technical Approach and Justification
 4. Management Approach
 5. Personnel Qualifications
 6. Relevant Experience
 7. Rough Order of Magnitude (ROM)

No cost or pricing information should be provided. Any received will be deleted and destroyed.

V. QUESTIONS AND POINT OF CONTACT

Questions of a technical nature regarding this RFI may be sent to the following Technical Point of Contact:

Name: Dr. Dave H Johnson
Title: Program Manager
Department Title: Ocean Battlespace Sensing
Department Code: 32
Address: 875 N Randolph St Arlington, VA 22203
Email Address: dave.h.johnson@navy.mil