



## SSBN Security Technology

### **INTRODUCTION:**

This publication constitutes a Broad Agency Announcement (BAA) as contemplated in Federal Acquisition Regulation (FAR) 6.102(d) (2). A formal Request for Proposals (RFP), solicitation, and/or additional information regarding this announcement will not be issued. This announcement will remain open until 30 SEP 2011 or until replaced by a successor BAA. This announcement replaces ONR BAA #09-042. Proposals may be submitted any time during this period.

The Office of Naval Research (ONR) will not issue paper copies of this announcement. The ONR reserves the right to select for award, all some or none of the proposals in response to this announcement. ONR provides no funding for direct reimbursement of proposal development costs. Technical and cost proposals (or any other material) submitted in response to this BAA will not be returned. It is the policy of ONR to treat all proposals as sensitive competitive information and to disclose their contents only for the purposes of evaluation.

Awards under this BAA will consist of contracts. Therefore, proposals submitted as a result of this announcement will fall under the purview of the Federal Acquisition Regulations (FAR).

### **I. GENERAL INFORMATION**

#### **1. Agency Name -**

Office of Naval Research  
One Liberty Center  
875 N. Randolph Street  
Arlington, VA 22203-1995

#### **2. Research Opportunity Title -**

SSBN Security Technology

### **3. Program Name -**

SSBN Security Technology Program (SSTP)

### **4. Research Opportunity Number -**

**BAA 10-022**

### **5. Response Date -**

This announcement will remain until 30 SEP 2011 or until replaced by a successor BAA, whichever first occurs. Proposals may be submitted any time during this period.

### **6. Research Opportunity Description -**

The Office of Naval Research and the Submarine Security & Technology Branch (N875) of the Chief of Naval Operations' Submarine Warfare Division (N87) are interested in receiving white papers focused on the identification of science based signal detection technologies that, individually or as a system, can impact the security of the SSBN and the survivability of the SSGN/SSN submarine forces. Passive and active detection technologies with both near term (0-5 years) and far term (10-20 years) implications will be considered.

As part of its effort to understand the impact of technology on submarine security and survivability, the SSTP may entertain white papers focused on improving the understanding of the generation, radiation, propagation and scatter of a variety of signal types (acoustic, chemical, optical, electromagnetic, hydrodynamic and radiological) associated with a submarine's operation. The SSTP is currently placing emphasis on S&T related to optical, electromagnetic, and hydrodynamic phenomenology.

The ONR is seeking participants for this program that are capable of performing advanced science and technology research that support demonstrating capabilities to achieve the goals described in this announcement.

It is recommended that you discuss your white paper contents with the SSTP Technical Point of Contact prior to submission.

### **7. Points of Contact -**

Questions of a **technical** nature shall be directed to the Technical Point of Contact, as specified below:

SSBN Security Technology Point of Contact:

Submarine Security & Technology Branch  
SSBN Security Technology Program  
Code N875D  
Deputy Chief of Naval Operations  
2000 Navy Pentagon

Washington, DC 20350-2000  
Email: [N875Contracts@navy.mil](mailto:N875Contracts@navy.mil)

Questions of a **business** nature should be submitted to:

Mr. Juan Carlos Rivera  
Office of Naval Research  
Contracting Officer  
875 N. Randolph Street  
Arlington, VA 22203-1995  
Email Address: [juancarlos.rivera@navy.mil](mailto:juancarlos.rivera@navy.mil)

Questions of a **security** nature should be submitted to:

Ms. Diana Pacheco  
Information Security Specialist  
Office of Naval Research  
Security Department, Code 43  
One Liberty Center  
875 North Randolph St.  
Arlington, VA 22203-1995  
Email Address: [diana.pacheco@navy.mil](mailto:diana.pacheco@navy.mil)

**Note: All UNCLASSIFIED communications shall be submitted via e-mail. All questions of an UNCLASSIFIED nature to the Technical Point of Contact (POC) shall be sent via e-mail with a copy to the designated Business POC.**

**CLASSIFIED questions shall be handled through the ONR Security POC. Specifically, any entity wanting to ask a CLASSIFIED question shall send an email to the ONR Security POC with a copy to both the Technical POC and the Business POC stating that the entity would like to ask a CLASSIFIED question. DO NOT EMAIL ANY CLASSIFIED QUESTIONS. The Security POC will contact the entity and arrange for the CLASSIFIED question to be asked through a secure method of communication.**

Amendments will be posted to one or more of the following web pages:

- Federal Business Opportunities (FEDBIZOPPS) Webpage – <https://www.fbo.gov/>
- ONR Broad Agency Announcement (BAA) Webpage – <http://www.onr.navy.mil/en/Contracts-Grants/Funding-Opportunities/Broad-Agency-Announcements.aspx>

## **8. Instrument Types -**

It is anticipated that awards will take the form of cost-type contracts.

ONR reserves the right to award a different instrument type if deemed to be in the best interest of the Government.

## 9. Catalog of Federal Domestic Assistance (CFDA) Numbers -

Not Applicable

## 10. Catalog of Federal Domestic Assistance (CFDA) Titles -

Not Applicable

## 11. Other Information -

Work funded under this BAA may include basic research, applied research and some advanced research. With regard to any restrictions on the conduct or outcome of work funded under this BAA, ONR will follow the guidance on and definition of “contracted fundamental research” as provided in the Under Secretary of Defense (Acquisition, Technology and Logistics) Memorandum of 24 May 2010.

As defined therein the definition of “contracted fundamental research,” in a DoD contractual context, includes [research performed under] grants and contracts that are (a) funded by Research, Development, Test and Evaluation Budget Activity 1 (Basic Research), whether performed by universities or industry or (b) funded by Budget Activity 2 (Applied Research) and performed on campus at a university. The research shall not be considered fundamental in those rare and exceptional circumstances where the applied research effort presents a high likelihood of disclosing performance characteristics of military systems or manufacturing technologies that are unique and critical to defense, and where agreement on restrictions have been recorded in the contract or grant.

Pursuant to DoD policy, research performed under grants and contracts that are a) funded by budget category 6.2 (Applied Research) and NOT performed on-campus at a university or b) funded by budget category 6.3 (Advanced Research) does not meet the definition of “contracted fundamental research.” In conformance with the USD (AT&L) guidance and National Security Decision Direction 189, ONR will place no restriction on the conduct or reporting of unclassified “contracted fundamental research,” except as otherwise required by statute, regulation or Executive Order. For certain research projects, it may be possible that although the research being performed by the prime contractor is restricted research, a subcontractor may be conducting “contracted fundamental research.” In those cases, it is the *prime contractor’s responsibility* in the proposal to identify and describe the subcontracted unclassified research and include a statement confirming that the work has been scoped, negotiated, and determined to be fundamental research according to the prime contractor and research performer.

Normally, fundamental research is awarded under grants with universities and under contracts with industry. Non-fundamental research is normally awarded under contracts and may require restrictions during the conduct of the research and DoD pre-publication review of such research results due to subject matter sensitivity.

Awards under this BAA will be primarily for applied research related to SSBN, SSN, and SSGN Vulnerability Assessments which supports other programs under Operational Systems Development. The results from this BAA will be either classified or Controlled Unclassified Information (CUI).

This announcement is NOT for the acquisition of technical, engineering, and other types of support services.

## **II. AWARD INFORMATION**

- Total Amount of Funding the Program Office expects to Award through the Announcement  
\$1.5 million per annum for the duration of this BAA
- Anticipated Number of Awards  
Two (2) to four (4)
- Anticipated Period of Performance  
Up to five (5) years

## **III. ELIGIBILITY INFORMATION**

All responsible sources from academia and industry may submit proposals under this BAA. Historically Black Colleges and Universities (HBCUs) and Minority Institutions (MIs) are encouraged to submit proposals and join others in submitting proposals. However, no portion of this BAA will be set aside for HBCU and MI participation.

Federally Funded Research & Development Centers (FFRDCs), including Department of Energy National Laboratories, are not eligible to receive awards under this BAA. However, teaming arrangements between FFRDCs and eligible principal bidders are allowed so long as they are permitted under the sponsoring agreement between the Government and the specific FFRDC.

Navy laboratories and warfare centers as well as other Department of Defense and civilian agency laboratories are also not eligible to receive awards under this BAA and should not directly submit either white papers or full proposals in response to this BAA. If any such organization is interested in one or more of the programs described herein, the organization should contact an appropriate ONR POC to discuss its area of interest. The various scientific divisions of ONR are identified at <http://www.onr.navy.mil/>. As with FFRDCs, these types of federal organizations may team with other responsible sources from academia and industry that are submitting proposals under this BAA.

Teams are also encouraged and may submit proposals in any and all areas. However, Offerors must be willing to cooperate and exchange software, data and other information in an integrated program with other contractors, as well as with system integrators, selected by ONR.

Research in areas that involve export controlled technologies is limited to “U.S. persons” as defined in the International Traffic in Arms Regulation (ITAR) – 22 CFR § 1201.1 et seq.

## **IV. APPLICATION AND SUBMISSION INFORMATION**

### **1. Application and Submission Process -**

White Papers are required prior to submitting a Full Proposal. Unclassified white papers shall be submitted by e-mail to the Technical Point of Contact in Paragraph 7 above (see Section I, GENERAL INFORMATION). The Navy's initial evaluation of the White Papers should give Offerors some indication of whether a Full Proposal would likely result in an award. Initial Navy evaluations of the White Papers will be issued via E-mail notification. Detailed technical and cost proposals will be subsequently encouraged from those Offerors whose proposed technologies have been identified through the above-referenced E-mail as being of "particular value" to the Navy. However, any such encouragement does not assure a subsequent award. Any Offeror may submit a Full Proposal even if its White Paper was not identified as being of "particular value."

### **2. Content and Format of White Papers/Full Proposals -**

White Papers and Full Proposals submitted under the BAA are expected to be unclassified; however, classified proposals are permitted. If a classified proposal is submitted, the resultant contract will be unclassified.

For Classified and unclassified white papers and proposals, please refer to section 3. "Address for the Submission of White Papers and Full Proposals".

For Statement of Work, please refer to sub-section b. FULL PROPOSALS, Volume 1: Technical Proposal, Statement of Work.

The inner wrapper of the classified proposal should be addressed to the attention of the TPOC.

Proposal submissions will be protected from unauthorized disclosure in accordance with FAR Subpart 15.207, applicable law, and DoD/DoN regulations. Offerors are expected to appropriately mark each page of their submission that contains proprietary information.

**IMPORTANT NOTE:** Titles given to the White Papers/Full Proposals should be descriptive of the work they cover and not be merely a copy of the title of this solicitation.

#### **a. WHITE PAPERS**

##### **White Paper Format**

- Paper Size – 8.5 x 11 inch paper
- Margins – 1 inch
- Spacing – single or double-spaced
- Font – Times New Roman, 12 point
- Number of Pages – No more than 9 single-sided pages (excluding cover page and resumes). White Papers exceeding the page limit may not be evaluated.
- Copies – one (1) electronic copy in (Microsoft® Word or Excel or PDF format).

**NOTE: 1) Do not send hardcopies of unclassified White Papers (including**

facsimiles) as only electronic submissions will be accepted and reviewed; 2) Do not send .ZIP files; 3) Do not send password protected files. 4) Classified White Papers shall be submitted as explained earlier in this section.

### **White Paper Content**

- Cover Page – The Cover Page shall be labeled “PROPOSAL WHITE PAPER”; shall include the BAA number, proposed title, Offeror’s administrative and technical points of contact, with telephone numbers, facsimile numbers and Internet addresses; and shall be signed by an authorized officer.
- One page summary of the technical ideas for the proposed research;
- One page summary of the deliverables associated with the proposed research;
- One page summary of the schedule and milestones for the proposed research, including rough estimates of cost for each year of the effort and total cost;
- One page listing of key personnel along with the approximate percentage of time to be expended by each person during each contract year;
- Two page concise summary of the qualifications of key personnel;
- Three page technical rationale and approach which contains arguments to substantiate claims made in the summary of technical ideas and is consistent with the summary of the deliverables and the summary of the schedule and milestones for the proposed research.

### **b. FULL PROPOSALS**

#### **Full Proposal Format – Volume 1 - Technical and Volume 2 - Cost Proposal**

- Paper Size – 8.5 x 11 inch paper
  - Margins – 1 inch
  - Spacing – single or double-spaced
  - Font – Times New Roman, 12 point
- Number of Pages – Volume 1 is limited as to the number of pages allowed in the several sections below under “Full Proposal Content”. The Cover Page, Table of Contents, Assertion of Data Rights, Deliverables/Reports, Organizational Conflict of Interest, Commitment to Small Business and resumes are among the sections excluded from the page limitations. Volume 2 is unlimited as to the number of pages allowed.
- Copies – one (1) original, two (2) additional hard copies and one (1) electronic copy on a CD-ROM or DVD (in Microsoft® Word or Excel).

### **Full Proposal Content**

Each section of the Technical Proposal must start on a new page.

#### **Volume 1: Technical Proposal**

- **Cover Page:** This should include the words “Technical Proposal” and the following:
  - 1) BAA number
  - 2) Title of Proposal

- 3) Identity of prime offeror and complete list of subcontractors, if applicable
  - 4) Technical contact (name, address, phone/fax, electronic mail address)
  - 5) Administrative/business contact (name, address, phone/fax, electronic mail address)
  - 6) Proposed period of performance (identify both the base period and any options, if included)
  - 7) Start and end dates for offeror's fiscal year
  - 8) Signature of official authorized to obligate the institution contractually
  - 9) Proposal validity of at least 180 days and the date offer is submitted
- **Proposal Checklist:** (include in both sub-volumes) To assist offerors in the development and submission of their proposals in response to this BAA, a Proposal Checklist has been uploaded as an attachment. Offerors should print and complete the checklist to ensure that all required actions have been taken and information included prior to proposal submission. Inclusion of the completed checklist as the first page of your Volume I, Technical Proposal will assist in proposal evaluation and may shorten the time it takes to make an award.
  - **Table of Contents:** (include in both sub-volumes) An alphabetical/numerical listing of the sections within the proposal, including corresponding page numbers.
  - **Statement of Work:** (5 Pages) A Statement of Work (SOW) clearly detailing the scope and objectives of the effort and the technical approach. It is anticipated that the proposed SOW will be incorporated as an attachment to the resultant award instrument. To this end, such proposals must include a severable, self-standing, task-oriented SOW without any proprietary restrictions, which can be attached to the contract or agreement award. Include a detailed listing of the technical tasks/subtasks organized by year and a section which lists all proposed deliverables.

Submission of the SOW without restrictive markings is your company's affirmation that the SOW is non-proprietary and releasable in response to Freedom of Information Act (FOIA) requests.

- **Technical Approach:** (10 Pages) The Offeror shall provide a detailed plan that coherently describes the technical approach proposed for contract performance and which demonstrates a technical understanding of the proposed Statement of Work (SOW). The technical approach should address each of the numbered task areas delineated in the SOW, providing specific or unique techniques to be employed and anything else the Offeror considers relevant in performing the SOW. The technical approach should indicate how the work will be performed, including the capabilities and resources which will be applied, what problem areas exist, the proposed solutions and a full explanation of the proposed disciplines, procedures and techniques to be followed. Emphasis should be placed upon the extent that the Offeror's technical approach ensures timely delivery and successful completion of the tasks outlined by the SOW submission.

- **Project Schedule and Milestones:** (1 Page) A summary of the schedule of events and milestones.
- **Assertion of Data Rights:** For a contract award an Offeror may provide with its proposal, assertions to restrict use, release or disclosure of data and/or computer software that will be provided in the course of contract performance. The rules governing these assertions are prescribed in Defense Federal Acquisition Regulation Supplement (DFARS) clauses 252.227-7013, -7014, and -7017. These clauses may be accessed at the following web address:

<http://farsite.hill.af.mil/VFDFARA.HTM>

The Government may challenge assertions that are provided in improper format or that does not properly acknowledge earlier federal funding of related research by the Offeror.

If it is determined that data rights are not applicable, indicate no assertions are being made in the proposal submission.

- **Deliverables/Reports:** A detailed list of reports and any proposed hardware, software or prototypes, inclusive of the timeframe in which they will be delivered.

The following are sample data deliverables that are typically required under a research effort:

Technical and Financial Progress Reports  
Presentation Materials  
Final Report

- **Management Approach:** (5 Pages) A discussion of the overall approach to the management of this effort, including brief discussions of the total organization; use of personnel; project/function/subcontractor relationships; government research interfaces; and planning, scheduling and control practice. Identify which personnel and subcontractors (if any) will be involved. Include a description of the facilities that are required for the proposed effort with a description of any Government Furnished Equipment/Hardware/Software/ Information required, by version and/or configuration.
- **Organizational Conflict of Interest:** The contractor shall disclose the existence or potential existence of organizational conflicts of interest, as defined in FAR 9.501. All proposers and proposed subcontractors must affirmatively state whether they are providing scientific, engineering, and technical assistance (SETA) or similar support to any ONR technical office(s) or the SSTP (N875) through an active contract or subcontract. All affirmations must state which office(s) the offeror supports and the prime contract number. This disclosure shall include a description of any action the proposer has taken or proposes to take to avoid, neutralize, or mitigate such conflict. All facts relevant to the existence or potential existence of organizational conflicts of interest (FAR 9.5) must be disclosed. If the proposer believes that no such conflict

exists, the proposer shall make that statement. See Section VII, paragraph 4 for additional information.

- **Pending Proposal Submissions:** Offerors are required to provide information on all pending proposals that are related or complementary to this effort from other possible sponsors, (e.g., ONR, Federal, State, local or foreign government agencies, public or private foundations, industrial or other commercial organizations). Concurrent submission of a proposal to other organizations will not prejudice its review by ONR. The following information is required:
  - 1) Title of Proposal and Summary;
  - 2) Identity of prime Offeror and complete list of subcontractors, if applicable;
  - 3) Technical contact (name, address, phone/fax, electronic mail address);
  - 4) Duration of effort (differentiate basic effort);
  - 5) Portion of time of the Principal Investigator and other senior personnel must be included, even if they receive no salary support from the project(s);
  - 6) The total award amount for the entire award period covered (including indirect costs) must be shown; and
  - 7) State how projects are related to the proposed effort and indicate degree of overlap.
  
- **Qualifications:** (5 Pages) A discussion of previous accomplishments and work by the Offeror in this or closely related areas, and the qualifications of the investigators. Include resumes for the Principal Investigator and other key personnel and full curricula vitae for Principal Investigators and consultants. The resumes and curricula vitae shall be attached to the proposal and will not count toward the page limitations. The Offeror shall ensure that the proposed personnel are fully capable of performing in an efficient, reliable and professional manner. Upon review of the resumes, if the Government questions the qualifications or competence of any person proposed, the burden of proof to sustain that person's qualifications shall be upon the Offeror.
  
- **Past Performance:** (1 Page) Past performance will consist of a description of the Offeror's Government contracts (both prime and major subcontracts involving 25% or more of the effort) received during the past three (3) years which are similar to the effort being proposed. The Offeror may describe any quality awards or certificates that indicate the Offeror possesses a high quality process for providing desired research and development outcomes. Provide the same information for this section as requested under "Pending Proposal Submissions" as well as contract/subcontract numbers.
  
- **Commitment to Small Business:** The Office of Naval Research (ONR) is strongly committed to providing meaningful subcontracting opportunities for small businesses, small disadvantaged businesses, woman-owned small businesses, HUBZone small businesses, veteran-owned small businesses, service disabled veteran-owned small businesses, historically black colleges and universities, and minority institutions through its awards. For proposed awards to be made as contracts (that exceed

\$650,000) to other than small businesses, the offeror is required to submit a Small Business Subcontracting Plan in accordance with FAR 52.219-9. For proposed awards made as contracts to Small Businesses at any value or to other than Small Businesses that are less than \$650,000, the offeror shall provide a statement which demonstrates how they intend to provide meaningful Subcontracting opportunities to support this policy.

## **VOLUME 2: Cost Proposal**

The following information is provided to assist contractors in preparing and submitting an adequate and compliant cost proposal. The purpose of the submission of cost or pricing data is to enable Government personnel to perform cost or price analysis and ultimately negotiate a fair and reasonable cost. Offerors are reminded that the responsibility for providing adequate supporting data and attachments lies solely with the offeror. Further, the offeror must also bear the burden of proof in establishing reasonableness of proposed costs; therefore, it is in the contractor's best interest to submit a fully supportable and well-prepared cost proposal. The basis and rationale for all proposed costs should be provided as part of the proposal so that Government personnel can place reliance on the information as current, complete and accurate. Further, FAR 15.403-4 sets forth those circumstances in which Offerors are required to submit certified cost or pricing data.

All Offerors shall use and submit the cost proposal format spreadsheet and the accompanying instructions Cost Proposal Format Instructions as the basis for the cost proposal. The Cost Proposal Spreadsheet can be found by following this link: <http://www.onr.navy.mil/Contracts-Grants/submit-proposal/contracts-proposal/cost-proposal.aspx>. Click on the "Proposal Spreadsheet" link and save a copy of the spreadsheet. Instructions for completion have been embedded into the spreadsheet. This cost proposal format spreadsheet must also be submitted for subcontractors over \$150,000.

**Options:** Any proposed options that are identified in either Volume 1 or 2, but are not fully priced out, will not be included in any resulting contract or other transaction. If proposing options, they must be separately priced and separate spreadsheets should be provided for the base period and each option period.

For pricing purposes, assume that performance will start no earlier than six (6) months after submission of the proposal.

**The proposal should include a statement that the company has (or has not) done business with the Government before. If the company has done business with the Government before, the statement should indicate whether its accounting system was reviewed by the Government and determined to be adequate. If this will be the company's first Government cost-type contract, please download the Defense Contract Audit Agency's (DCAA) "Information for Contractors" pamphlet, which can be found at [www.dcaa.mil](http://www.dcaa.mil) and become familiar with the Federal Acquisition Regulation (FAR) Part 31.205 to ensure that a successful accounting system review can be completed prior to contract award.**

DoD's Procurement Technical Assistance Centers (PTACs) provide a wide range of services including assistance with developing a cost-accounting system as well as preparing for an audit.

The Defense Logistics Agency (DLA) administers the DoD Procurement Technical Assistance Program (PTAP). PTACs are located in basically every state of the union and provide assistance to businesses seeking to successfully compete in federal, state and local government contracting. A listing of PTACs by state may be accessed at: <http://www.dla.mil/db/procurem.htm>.

The cost proposal shall consist of a cover page and two parts: Part 1 will provide a detailed cost breakdown of all costs by cost category by offeror's fiscal year and Part 2 will provide a cost breakdown by Government Fiscal Year and task/sub-task corresponding to the task numbers in the proposed Statement of Work.

**Cover Page:** The use of the SF 1411 is optional. The words "Cost Proposal" should appear on the cover page in addition to the following information:

- BAA number
- Title of Proposal
- Identity of prime Offeror and complete list of subcontractors, if applicable
- Technical contact (name, address, phone/fax, electronic mail address)
- Administrative/business contact (name, address, phone/fax, electronic mail address)
- Proposed period of performance (identify both the base period and any proposed options)

**Part 1:** Detailed breakdown of all costs by cost category by calendar or contractor's fiscal year:

- **Direct Labor:** Individual labor categories or persons, with associated labor hours and unburdened direct labor rates. Provide escalation rates for out years.
- **Indirect Costs:** Fringe Benefits, Overhead, G&A, COM, etc. and their applicable allocation bases. If composite rates are used, provide the calculations used in deriving the composite rates.
- **Travel:** The proposed travel cost should include the following for each trip: the purpose of the trip, origin and destination if known, approximate duration, the number of travelers, and the estimated cost per trip must be justified based on the organization's historical average cost per trip or other reasonable basis for estimation. Such estimates and the resultant costs claimed must conform to the applicable Federal cost principles.
- **Subcontracts/Interorganizational Transfers:** A cost proposal as detailed as the Offeror's cost proposal will be required to be submitted by all proposed subcontractors and for all interorganizational transfers. For subcontracts or interorganizational transfers over \$150,000, the subcontract proposal along with supporting documentation, must be provided either in a sealed envelope with the prime's proposal or via e-mail directly to both the Program Officer and the Business Point of Contact at the same time the prime proposal is submitted. The e-mail should identify the proposal title, the prime Offeror and that the attached proposal is a subcontract, and should include a description of the effort to be performed by the subcontractor. A proposal and supporting documentation must be received and

reviewed before the Government can complete its cost analysis of the proposal and enter negotiations. The prime contractor should perform and provide a cost/price analysis of each subcontractor's cost proposal.\* Offerors are required to obtain competition to the maximum extent practicable when selecting subcontractors or interorganizational transfers; if the offeror has obtained competitive quotes, copies should be provided. If the Offeror has selected other than the low bid for inclusion in their proposal or intends to award the subcontract/interorganizational transfer on a sole-source basis, the offeror should provide rationale for their decision. Certified cost or pricing data may be required for subcontractor proposals over \$700,000. The Cost Proposal Spreadsheet must be used for subcontractors over \$150,000.

**\*Note:** Federal Acquisition Regulation provision 52.215-22 is incorporated into this solicitation by reference. The offeror is to exclude excessive pass-through charges from subcontractors. The offeror must identify in its proposal the percentage of effort it intends to perform and the percentage to be performed by each of its proposed subcontractors. If more than 70 percent of the total effort will be performed through subcontractors, the offeror must include the additional information required by the above-cited clause.

- **Consultants:** Provide a breakdown of the consultant's hours, the hourly rate proposed, and any other proposed consultant costs, a copy of the signed Consulting Agreement or other documentation supporting the proposed consultant rate/cost, and a copy of the consultant's proposed statement of work if it is not already separately identified in the prime contractor's proposal.
- **Materials & Supplies:** Provide an itemized list of all proposed materials and supplies for each year including quantities, unit prices, proposed vendors (if known), and the basis for the estimate (e.g., quotes, prior purchases, catalog price lists). If the total cost for materials and supplies exceeds \$100,000 per year, then select a sample of the items proposed and provide catalog price lists/quotes/prior purchase orders to support the price for the items in the sample. All items with a unit price over \$10,000, regardless of the total cost for materials and supplies, must be supported with a copy of catalog price lists/quotes/prior purchase orders.
- **Contractor Acquired Equipment or Facilities:** Equipment and/or facilities are normally furnished by the Contractor. If acquisition of equipment and/or facilities is proposed, a justification for the purchase of the items must be provided including: 1) a very specific description of any equipment/hardware that it needs to acquire to perform the work, 2) whether or not each particular piece of equipment/hardware will be included as part of a deliverable item under the resulting award, and 3) the basis for the estimate (e.g., quotes, prior purchases, catalog price lists). The description should identify the component, nomenclature, and configuration of the equipment/hardware that it proposes to purchase for this effort. The purchase on a direct reimbursement basis of equipment that is not included in a deliverable item will be evaluated for allowability on a case-by-case basis. Maximum use of Government integration, test, and experiment facilities is encouraged in each of the Offeror's proposals.

- **Other Directs Costs:** Provide an itemized list of all other proposed other direct costs and the basis for the estimate (e.g., quotes, prior purchases, catalog price lists).
- **Options:** The Base Period of Performance and Option Periods must be priced at the submission of the proposal. Unpriced options will not be included in any resulting contract or agreement.
- **Fee/Profit:** NOTE: Profit or fee will not be allowed on direct costs for plant equipment or general purpose equipment or in cost-sharing contracts.

**Note: Indicate if you have an approved Purchasing/Estimating System and/or describe the process used to determine the basis of reasonableness (e.g., competition, market research, best value analysis) for subcontractors, consultants, materials, supplies, equipment/facilities, and other direct costs.**

**Part 2:** Cost breakdown by Government fiscal year and task/sub-task corresponding to the same task breakdown in the proposed Statement of Work. When options are contemplated, option must be separately identified and priced by task/subtask.

### **3. Address for the Submission of White Papers and Full Proposals –**

**Unclassified white papers must be submitted via e-mail. These unclassified e-mail submissions are not to exceed 5MB are must be submitted to the following address:**

[N875Contracts@navy.mil](mailto:N875Contracts@navy.mil)

**For unclassified full proposal submissions, use the following address:**

Deputy Chief of Naval Operations  
 ATTN: Submarine Security & Technology Branch  
 SSBN Security Technology Program N875  
 2000 Navy Pentagon  
 Washington, DC 20350-2000

**Classified white papers and full proposals must be submitted through FEDEX to the following address:**

Chief of Naval Operations  
 Attn: Mr. Stephen Schreppler  
 Washington Navy Yard  
 1325 10th Street, S.E.  
 Building 196, 3rd Floor, Suite 311A  
 Washington, DC 20374-0001

## **V. EVALUATION INFORMATION**

### **1. Evaluation Criteria -**

The Office of Naval Research (ONR) plans to make awards that represent the best value to the Government in accordance with the evaluation criteria. Award decisions will be based on a competitive selection of proposals resulting from a scientific and cost review. White papers and full proposals will be evaluated using the following criteria:

- Overall scientific and technical merits of the proposal to contribute to the Submarine Security Program;
- The Offeror's capabilities, related experience, past performance, facilities, techniques or unique combinations of these which are integral factors for achieving the proposal objectives;
- The qualifications, capabilities, and experience of the proposed Principal Investigator, team leader, or key personnel who are critical in achieving the proposal objectives and;
- Realism of the proposed budgetary costs and availability of funds.

Overall, the technical factors (first three bullets above) combined are more significantly important than the cost factor, with the technical factors being listed in descending order of importance. The degree of importance of cost will increase with the degree of equality of the proposals in relation to the other factors on which selection is to be based, or when the cost is so significantly high as to diminish the value of the proposal's technical superiority to the Government.

The Government will evaluate options for award purposes by adding the total cost for all options to the total cost for the basic requirement. Evaluation of options will not obligate the Government to exercise the options during contract performance.

### **2. Evaluation Panel -**

Technical and cost proposals submitted under this BAA will be protected from unauthorized disclosure in accordance with FAR 3.104-5 and 15.207. The cognizant Program Officer and other Government scientific experts will perform the evaluation of technical proposals. Restrictive notices notwithstanding, one or more support contractors may be utilized as subject-matter-expert technical consultants. Similarly, support contractors may be utilized to evaluate cost proposals. However, proposal selection and award decisions are solely the responsibility of Government personnel. Each support contractor's employee having access to technical and cost proposals submitted in response to this BAA will be required to sign a non-disclosure statement prior to receipt of any proposal submissions.

## **VI. AWARD ADMINISTRATION INFORMATION**

### **1. Administrative Requirements -**

- The North American Industry Classification System (NAICS) code – The NAICS code for this announcement is 541712 with a small business size standard of 500 employees.

- Central Contractor Registration (CCR) - Successful Offerors not already registered in will be required to register in CCR prior to award of any contract. Information on CCR registration is available at <https://www.bpn.gov/ccr/default.aspx>
- Online Representations and Certifications Application (ORCA) - In accordance with FAR 4.1201, prospective contractors must complete electronic annual representations and certifications. Information on ORCA is available at <https://orca.bpn.gov>
- ORCA will be supplemented with ONR-contract specific representations and certifications. Information on ONR-contract specific representations and certifications is available at <http://www.onr.navy.mil/en/Contracts-Grants/submit-proposal/contracts-proposal.aspx>
- Subcontracting Plans – Successful contract proposals that exceed \$650,000, submitted by **all** but small business concerns will be required to submit a Small Business Subcontracting Plan in accordance with FAR 52.219-9 prior to award.

## **VII. OTHER INFORMATION**

### **1. Government Property/Government Furnished Equipment (GFE) and Facilities**

Government research facilities and operational military units are available and should be considered as potential government furnished equipment/facilities. These facilities and resources are of high value and some are in constant demand by multiple programs. It is unlikely that all facilities would be used for any one specific program. The use of these facilities and resources will be negotiated as the program unfolds. Offerors should explain as part of their proposals which of these facilities are critical for the project's success.

### **2. Security Classification**

In order to facilitate intra-program collaboration and technology transfer, the Government will attempt to enable technology developers to work at the unclassified level to the maximum extent possible. If access to classified material will be required at any point during performance, the Offeror must clearly identify such need prominently in their proposal.

### **3. Department of Defense High Performance Computing Program**

The DoD High Performance Computing Program (HPCMP) furnishes the DoD Science and Technology (S & T) and Research Development Test and Evaluation (RDT & E) communities with use-access to very powerful high performance computing systems. Awardees of ONR contracts, grants, and assistance instruments may be eligible to use HPCMP assets in support of their funded activities if ONR Program Officer approval is obtained and if security/screening requirements are favorably completed. Additional information and an application may be found at <http://www.hpcmo.hpc.mil/>.

### **4. Organizational Conflicts of Interest**

In accordance with FAR 9.503 and without prior approval, a contractor cannot simultaneously be a scientific, engineering, and technical assistance (SETA) and a research and development

performer. Proposals that fail to fully disclose potential conflicts of interests or do not have acceptable plans to mitigate identified conflicts will be rejected without technical evaluation and withdrawn from further consideration for award. If a prospective offeror believes that any conflict of interest exists or may exist (whether organizational or otherwise), the offeror should promptly raise the issue with ONR by sending his/her contact information and a summary of the potential conflict by e-mail to the Business Point of Contact in Section I, item 7 above, before time and effort are expended in preparing a proposal and mitigation plan. If, in the sole opinion of the Government after full consideration of the circumstances, any conflict situation cannot be effectively avoided or mitigated, the proposal may be rejected without technical evaluation and withdrawn from further consideration for award under this BAA.

## **5. Project Meetings and Reviews**

Individual program reviews between the ONR sponsor and the performer may be held as necessary. Program status reviews may also be held to provide a forum for reviews of the latest results from experiments and any other incremental progress towards the major demonstrations. These meetings will be held at various sites throughout the country. For costing purposes, Offerors should assume that 20% of these meetings will be in Howard County, Maryland, 20% in various states indigenous to contractor location, and 60% at government facilities. Interim meetings are likely, but these will be accomplished via video telephone conferences, telephone conferences, or via web-based collaboration tools and cannot be implemented for classified work.

## **6. Executive Compensation and First-Tier Subcontract Reporting**

Offerors should also familiarize themselves with the new subcontract reporting requirements set forth in Federal Acquisition Regulation (FAR) clause 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards. From October 1, 2010 through February 28, 2011, any newly awarded subcontract must be reported if the prime contract award amount is \$550,000 or more. Starting March 1, 2011, any newly awarded subcontract must be reported if the prime contract award amount was \$25,000 or more.

Section 2(d) of the Federal Funding Accountability and Transparency Act of 2006 (Pub. L. No. 109-282), as amended by section 6202 of the Government Funding Transparency Act of 2008 (Pub. L. 110-252), requires the Contractor to report information on subcontract awards. The law requires all reported information be made public; therefore, the Contractor is responsible for notifying its subcontractors that the required information will be made public.

Unless otherwise directed by the Contracting Officer, by the end of the month following the month of award of a first-tier subcontract with a value of \$25,000 or more, (and any modifications to these subcontracts that change previously reported data), the Contractor shall report the following information at <http://www.fsrc.gov> for each first-tier subcontract:

- (a) Unique identifier (DUNS Number) for the subcontractor receiving the award and for the subcontractor's parent company, if the subcontractor has one.
- (b) Name of the subcontractor.

- (c) Amount of the subcontract award.
- (d) Date of the subcontract award.
- (e) A description of the products or services (including construction) being provided under the subcontract, including the overall purpose and expected outcomes or results of the subcontract.
- (f) Subcontract number (the subcontract number assigned by the Contractor).
- (g) Subcontractor's physical address including street address, city, state, and country. Also include the nine-digit zip code and congressional district.
- (h) Subcontractor's primary performance location including street address, city, state, and country. Also include the nine-digit zip code and congressional district.
- (i) The prime contract number, and order number if applicable.
- (j) Awarding agency name and code.
- (k) Funding agency name and code.
- (l) Government contracting office code.
- (m) Treasury account symbol (TAS) as reported in FPDS.
- (n) The applicable North American Industry Classification System (NAICS) code.

By the end of the month following the month of a contract award, and annually thereafter, the Contractor shall report the names and total compensation of each of the five most highly compensated executives for the Contractor's preceding completed fiscal year at <http://www.ccr.gov>, if –

- (a) In the Contractor's preceding fiscal year, the Contractor received –
  - (i) 80 percent or more of its annual gross revenues from Federal contracts (and subcontracts), loans, grants (and subgrants) and cooperative agreements; and
  - (ii) \$25,000,000 or more in annual gross revenues from Federal contracts (and subcontracts), loans, grants (and subgrants) and cooperative agreements; and
- (b) The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/excomp.htm>).

Unless otherwise directed by the Contracting Officer, by the end of the month following the month of a first-tier subcontract with a value of \$25,000 or more, and annually thereafter, the Contractor shall report the names and total compensation of each of the five most highly compensated executives for each first-tier subcontractor for the subcontractor's preceding completed fiscal year at <http://www.fsr.gov>, if –

- (a) In the subcontractor's preceding fiscal year, the subcontractor received –
  - (i) 80 percent or more of its annual gross revenues from Federal contracts (and subcontracts), loans, grants (and subgrants) and cooperative agreements; and
  - (ii) \$25,000,000 or more in annual gross revenues from Federal contracts (and subcontracts), loans, grants (and subgrants) and cooperative agreements; and
- (b) The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/excomp.htm>).

If the Contractor in the previous tax year had gross income, from all sources, under \$300,000, the Contractor is exempt from the requirement to report subcontractor awards. Likewise, if a subcontractor in the previous tax year had gross income from all sources under \$300,000, the Contractor does not need to report awards to that subcontractor.