

ONR BAA Announcement # 08-018



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. Request for same will be disregarded.

The Office of Naval Research (ONR) will not issue paper copies of this announcement. The ONR reserves the right to select and fund 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.

I. GENERAL INFORMATION

1. Agency Name -

Office of Naval Research (ONR)

2. Research Opportunity Title -

Persistent Networked Intelligence, Surveillance and Reconnaissance

3. Program Name –

Surface and Aerospace Surveillance, Discovery and Invention (D&I)
Networked Sensors – Electro-optical/Infrared Discovery and Invention (D&I)

4. Research Opportunity Number –

ONR BAA 08-018

5. Response Date –

Industry Day: 24 July 2008

White Papers: 7 August 2008

Full Proposals: 30 October 2008

6. Research Opportunity Description –

Part A. Persistent Surveillance

The Office of Naval Research seeks concepts for real time and non-real time automated sensing and understanding of the battle space using multiple distributed unmanned platforms. This technology should apply to three scenarios of interest 1) at sea battle force area awareness, 2) littoral region of interest, and 3) inland convoy/area force protection. The proposed products should autonomously formulate platform and surveillance tasking for the purpose of broad area awareness, focus down to areas of interest, identify and persistently hold at risk recognized threats. The proposed approach would likely include concepts for integration of disparate capabilities including: advanced surveillance, tagging, tracking, identification, autonomous control, communications, automated understanding and display of information encompassed with in an open architecture framework.

Part B. Multi-Platform Surveillance Techniques

Architectures, techniques and algorithms are sought to develop a network of persistent RF coherent airborne sensors that aid one or more of the following areas: automated detection, tracking, imaging, classification and identification of air and surface threats. Concepts could also apply to development for a distributed network of shipboard radars. It can be assumed that the sensors will have access to the host platform's networks, timing and navigation resources. The winning proposal must clearly show the benefit of the distributed networked approach vice that of a single platform.

Part C. Electro-Optical/Infrared Temporally and Spatially Adaptable Sensors – dynamic, adaptable FPAs, ROICs & on chip processing

The Office of Naval Research (ONR-312) seeks innovative technology development proposals for electro-optic and infrared sensors for use in a wide area persistent surveillance and targeting payload in a small Unmanned Aircraft System (UAS) netted with other small UAS's to achieve persistent surveillance. The technologies desired would be dynamic, adaptable sensor electronics for a light-weight sensor payload, ≤ 25 pounds, for small unmanned aerial vehicles (UAV). The sensor electronics, detector arrays and processing are to allocate resources (temporally and spatially), dynamically in real time, for the tactical

missions of search, detect, track, classify, ID, targeting and Bomb Damage Assessment (BDA) as the situation requires. These tasks progressively require higher spatial and temporal sampling/resolution in order to accomplish them. It is not ideal or desirous to devote resources to these resource intensive tasks continually, as overall surveillance coverage would be lost. This new capability will enable maximum use of limited resources on small, long endurance platforms.

It is the aim of this program to combine these sensor back end electronic developments with the adaptable optics for wide area surveillance and targeting being developed under the ongoing 6.2 program. As a system, the resulting sensor package would no longer be installed in mechanically gimballed turrets, pods or balls. All of these new technologies would result in significant cost savings in initial acquisition and life cycle. Additionally, removing the mechanical gimbals buys back Size Weight and Power (SWaP) for increased airframe endurance or additional payloads.

7. Point(s) of Contact

**** Important Notices Regarding Questions ****

- All Questions shall be submitted in writing by electronic mail.
- Questions presented by telephone call, fax message, or other means will not be responded to.
- There will be no meetings between potential offerors and ONR personnel.
- It is understood that responses are not binding unless the specific Q&A is posted on the ONR www.onr.navy.mil website.
- Questions regarding white papers must be submitted by 3:00 p.m. Eastern Time on Monday, 28 July 2008. Questions after this date and time may not be answered, and the due date for submission of the white papers will not be extended.
- If invited to make an oral presentation, questions regarding oral presentations must be submitted by 3:00 p.m. Eastern Time one week prior to the scheduled presentation. Questions after this date and time may not be answered, and the scheduled date and/or time of the oral presentation will not be changed.
- Questions regarding full proposals must be submitted by 3:00 p.m. Eastern Time on Thursday, 25 September 2008. Questions after this date and time may not be answered, and the due date for submission of the proposals will not be extended.

Questions of a *programmatic, scientific or technical nature* should be directed to the email addresses below.

Parts A, B, and C
Dr. Michael Pollock
E-mail: pollocm@onr.navy.mil

Questions of a business nature shall be directed by email to the primary and secondary points of contact as specified below:

Primary Point of Contact

Ms. Kenesha Y. Hargrave
Contract Specialist
Contracts and Grant Awards Management, Code 0251
kenesha.y.hargrave@navy.mil

Secondary Point of Contact

Ms. Vera M. Carroll
Contracting Officer/Branch Head
Contract and Grants Awards Management, Code 0251
vera.carroll@navy.mil

8. Instrument Type(s) -

Awards resulting from this solicitation will be in the form of contracts. ONR will not consider awarding grants.

9. Catalog of Federal Domestic Assistance (CFDA) Numbers –

N/A

10. Catalog of Federal Domestic Assistance (CFDA) Titles –

N/A

11. Other Information –

Not Applicable (N/A)

II. AWARD INFORMATION

The Office of Naval Research (ONR) may award multiple technology development contracts (particularly cost plus fixed fee (CPFF) type contracts) that represent the best value to the Government in accordance with the evaluation criteria. The Office of Naval Research is seeking participants for this program that are capable of supporting the goals described in this announcement. Offerors have the opportunity to be creative in the selection of the technical and management processes and approaches to address the research topics.

Part A. Persistent Surveillance

Estimated Total Amount of Funding Available (\$K):

FY09	FY10	FY11	FY12	Total
400	1,200	2,000	2,000	5,600

Anticipated Number of Awards: 1-2

Anticipated Period of Performance:

The period of performance for projects may be from one to four years (base year and three option years), with an estimated start date of 1 February 2009, subject to date of final award and availability of new fiscal year funds.

Part B. Multi-Platform Surveillance Techniques

Estimated Total Amount of Funding Available (\$K):

FY09	FY10	FY11	FY12	Total
400	1,000	1,400	1,200	4,000

Anticipated Number of Awards: 1-2

Anticipated Period of Performance:

The period of performance for projects may be from one to four years (base year and three option years), with an estimated start date of 1 February 2009, subject to date of final award and availability of new fiscal year funds.

Part C. Electro-Optical/Infrared Temporally and Spatially Adaptable Sensors – dynamic, adaptable FPAs, ROICs & on chip processing

Estimated Total Amount of Funding Available (\$K):

FY09	FY10	FY11	Total
500	500	500	1,500

Anticipated Number of Awards: 1-4

Anticipated Period of Performance:

The period of performance for projects may be from one to three years (base year and two option years), with an estimated start date of 1 February 2009, subject to date of final award and availability of new fiscal year funds.

ONR has funded related technology development under numerous programs. If Offerors are enhancing work performed under other ONR or DoD projects, they must clearly identify the point of departure and what existing work will be brought forward and what new work will be performed under this BAA.

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 encouraged to 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.

Some topics cover export controlled technologies. Research in these areas is limited to "U.S. persons" as defined in the International Traffic in Arms Regulations (ITAR) - 22 CFR § 1201.1 et seq.

IV. APPLICATION AND SUBMISSION INFORMATION

1. Application and Submission Process –

The Application and Submission Process will consist of three-phases:

Phase 1: White Papers

Phase 2: Oral Presentations

Phase 3: Full Proposals

If an Offeror does not submit a white paper before the due date and time, it is not eligible to participate in the rest of the process.

Pre-proposal Conference/Industry Day: The ONR Surface and Aerospace Surveillance Program will conduct a SECRET briefing for potential Offerors on 24 July 2008 in Arlington VA. The purpose of the meeting will be to provide potential Offerors with a better understanding of the scope of the ONR Surface and Aerospace Surveillance program and objectives of this BAA. The briefing will be held at 09:00 AM (EDT) with check-in beginning at 8:30 AM (EDT). Due to limited to the limited capacity of the conference facility **only 1 member per proposing organization** will be allowed to attend on a "first-come first-served" basis. Please provide notification of planned attendance via e-mail message to Bruce Moran (bruce.moran@navy.mil) by 3:00 PM (EDT), 1 July 2008. The message must include the following information: name of

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attendee, title, organization, department or company division, phone, fax, and e-mail address. ONR will reply via email on or before 3 July 2008 to those parties who plan on attending the briefing with the briefing location, directions, schedule, security requirements and any other appropriate information.

Phase 1: White Papers:

Process: White papers are solicited in each of the Task areas. A single Offeror may propose in one or more Task areas. In that case, costs should be itemized by Task area. It is not required that a Proposer performs all the Sub-Tasks listed in a Task area; multiple awards may be issued in each Task area.

Due Date: See Section IV-2 for anticipated schedule of milestones under this BAA.

Submission: The due date for white papers is no later than 3:00 PM (Eastern Daylight Time) on 7 August 2008. White papers received after the published due date will not be considered for funding in FY09. Each unclassified white paper should state that it is submitted in response to this BAA.

Evaluation/Notification: Each white paper should state that it is submitted in response to this announcement. White Papers shall be submitted directly to the Technical Point of Contract (TPOC) identified in Paragraph 7 above. Each white paper will be evaluated by the government to determine whether the technology advancement proposed appears to be of particular value to the Department of the Navy. The submitters of white papers judged to be of “particular Value” to the Navy will be so identified in the initial response provided by ONR and encouraged to submit full proposals. The submitter of any white paper not judged by the ONR reviewers as being of “particular value” to the Navy is ineligible to submit a full proposal under this solicitation.

Phase 2: Oral Presentations:

Offerors whose white papers are selected for oral presentations will be invited by e-mail to make oral presentations not less than five (5) working days prior to the commencement of the oral presentation event (planned for the 10 September 2008). See Section IV-2 for schedule of milestones under this BAA.

The purpose of the Oral Presentation is to better acquaint the Government with the offeror’s proposal. ONR requests that Principal Investigators (PIs) provide expanded presentations of their selected white papers. The purpose of the oral presentation is to provide additional information and address how the proposed technology will affect military applications. The time, location, and briefing format of the oral presentations, if requested, will be provided via e-mail notification.

Process: A detailed format for the presentation will be provided in the e-mail invitation. Each presentation may be up to one-half (1/2) hour in duration. An additional one-half (1/2) hour will be allowed for questions.

Evaluation/Notification: Following oral presentations, Offerors will be notified by e-mail regarding the Navy's response to their oral presentations. Those Offerors whose technology is still considered as having particular interest to the Navy will be encouraged to submit detailed technical and cost proposals. The evaluation provided after white papers and oral presentations should give offerors some indication of whether a later full proposal would likely result in an award.

Phase 3: Full Proposals:

Due Date: See Section IV-2 for a schedule of milestones under this BAA. ONR will select the efforts to be funded for FY09 start-up contingent upon the quality and completeness of the proposal and the level of available funding.

Evaluation/Notification: As soon as the final proposal evaluation process is completed, the offeror will be notified via email of its selection or non-selection for an award. Proposals received after the published due date will not be considered for funding in FY09. Proposals exceeding the page limit may not be evaluated.

2. Significant Dates and Times –

<u>EVENT</u>	<u>DATE (MM/DD/YEAR)</u>	<u>TIME (EASTERN DAYLIGHT TIME)</u>
Conference Attendance Notification	07/1/2008	3:00 PM
Pre-Proposal Conference/Industry Day	07/24/2008	9:00 AM – 3:00 PM
White Papers Due Date	08/7/2008	-
Notification of Initial Navy Evaluations of White Papers	08/20/2008*	5:00 PM
Oral Presentation of White Papers	09/10/2008	8:30-4:00 PM
Notification of Navy Evaluations of Oral Presentations	9/15/2008*	-
Full Proposal Due Date	10/30/2008	3:00 PM
Notification of Selection for Award	11/10/2008*	-
Issued Awards	02/1/2009*	-
Kickoff Meeting	TBD	-

**This dates are estimates as of the date of this announcement.*

3. Content and Format of White Papers/Full Proposals –

The white papers and proposals submitted in response to this BAA are expected to be unclassified. However, confidential/classified proposals are permitted. Proposal submissions will be protected from unauthorized disclosure in accordance with FAR 15.207, applicable law, and DoD/DoN regulations. Offerors are expected to appropriately mark each page of their submission that contains proprietary information. The proposal shall include a

severable, self-standing Statement of Work, which contains only unclassified information and does not include any proprietary restrictions.

IMPORTANT NOTE: Titles given to the white papers/proposals should be descriptive of the work they cover and not be merely a copy of the title of this solicitation.

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 four (4) single-sided pages (excluding cover page and resumes). White Papers exceeding the page limit may not be evaluated.
- Copies – three (3) original and one (1) electronic copy on CD-ROM (in Microsoft® Word).

White Paper Content:

White Paper shall include a cover page. The Cover Page shall be labeled “PROPOSAL WHITE PAPER” and shall include the BAA number, proposed title, Offeror’s administrative and technical points of contact, with telephone numbers, facsimile numbers, and Internet addresses. The Cover Page shall be signed by an authorized officer.

White papers must address the following:

1. Laboratory Project Manager and/or Principal Investigator
2. Navy/Marine Corps capability deficiency being satisfied
3. Technical objective
4. Technical approach
5. Deliverables
6. Recent technical breakthroughs that will reduce risk
7. Project plan showing schedule of individual tasks
8. Funding plan showing requested funding per task, per fiscal year

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 to no more than twenty nine (29) pages. Volume 2 has no page limit. The cover page, table of contents, and resumes are excluded from the page limitations. Full Proposals exceeding the page limit may not be evaluated.
- Copies – one (1) original, and one (1) electronic copy on CD-ROM (in Microsoft® Word).

Content of Volumes 1 and 2

Volume 1: Technical Proposal

Volume 1 of the Full Proposal shall include the following sections, each starting on a new page. Please pay attention to the page limitations for each section as specified below.

- **Cover Page**: (Not included in page limitations.) This should include the words “Technical Proposal” and the following information:
 - 1) BAA number;
 - 2) Title of Proposal;
 - 3) Identity of prime Offeror and complete list of subcontractors, if applicable;
 - 4) Principal Investigator (PI) contact (name, address, phone/fax, electronic mail address);
 - 5) Administrative/business contact (name, address, phone/fax, electronic mail address);
and,
 - 6) Duration of effort (differentiate basic effort and any options)

- **Table of Contents**: Not included in page limitations.

- **Executive Summary**: Summarize the technology you are proposing and the expected improvements to the Navy. Not to exceed two (2) pages.

- **Concept of Operation for the Navy**: A summary of the way in which the proposal’s product(s) would support the Navy in an operational context. Include quantitative specifications for how the products will improve operational performance. Not to exceed two (2) pages.

- **Statement of Work**: 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 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. Not to exceed five (5) pages.

- **Project Schedule and Milestones**: A summary of the schedule of events and milestones. Not to exceed one (1) page.

- **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 do not properly acknowledge earlier federal funding of related research by the Offeror. The table submitted in accordance with this clause should be a severable attachment to the proposal, which will not be counted towards the page limitations. If there are no claims of proprietary rights in pre-existing data, this section shall consist of a statement to that effect.

- Technical Approach: A detailed description of the approach planned, with sufficient detail to address technical risks and risk mitigation strategy. Not to exceed eight (8) pages.
- Deliverables: A detailed description of the products to be delivered inclusive of the timeframe in which they will be delivered. Not to exceed one (1) page.
- Operational Utility: A detailed plan for assessing the operational utility of the key products of this effort during a Fleet or Marine operational exercise, including proposed metrics. Not to exceed two (2) pages.
- Qualifications: A discussion of previous accomplishments and work in this, or closely related, areas and the qualifications of the investigators. Key personnel resumes shall be attached to the proposal and will not count toward the page limitations. Not to exceed three (3) pages.
- Management Approach: 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. Not to exceed five (5) pages.

Volume II: Cost Proposal

The Cost Proposal shall consist of a cover page and two parts, Part 1 and Part 2. Part 1 will provide a detailed cost breakdown of all costs by cost category by calendar and Government fiscal year and Part 2 will provide a cost breakdown by task/sub-task using the same task numbers in the Statement of Work. Options must be separately priced.

- Cover Page: The use of the SF 1411 is optional. This proposal should include the words “Cost 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) Duration of effort (differentiate basic effort and options) ; and a
 - 7) Summary statement of proposed costs

- Part 1: Detailed breakdown of all costs by cost category by calendar and Government fiscal year:

- 1) Direct Labor - Individual labor category or person, with associated labor hours and unburdened direct labor rates;
- 2) Indirect Costs - Fringe Benefits, Overhead, G&A, COM, etc. (Must show base amount and rate.);
- 3) Travel - Number of trips, number of days per trip, departure and arrival destinations, number of people, etc;
- 4) Subcontract - A cost proposal as detailed as the Offeror's cost proposal will be required to be submitted by the subcontractor. The subcontractor's cost proposal can be provided in a sealed envelope with the Offeror's cost proposal or will be obtained from the subcontractor prior to award;
- 5) Consultant - Provide consultant agreement or other document which verifies the proposed loaded daily/hourly rate;
- 6) Materials should be specifically itemized with description of proposed items and associated number of units, unit costs and total amount. An explanation of any estimating factors, including their derivation and application, shall be provided. Please include a brief description of the Offeror's procurement method to be used;
- 7) Other Directs Costs, particularly any proposed items of equipment or facilities. Equipment and facilities generally must be furnished by the contractor/recipient. (Justification must be provided when Government funding for such items is sought.) Include a brief description of the Offeror's procurement method to be used (competition, engineering estimate, market survey, etc.).
- 8) Proposed Fee/Profit, including fee percentage (contract proposals only).

- Part 2: Cost breakdown by task/sub-task using the same task numbers in the Statement of Work.

5. Submission of Late Contract Proposals –

If the submitter is seeking a contract, any proposal, modification, or revision that is received at the designated Government office after the exact time specified for receipt of proposals is “late” and will not be considered unless it is received before award is made, the contracting officer determines that accepting the late proposal would not unduly delay the acquisition and:

- (a) If there is acceptable evidence to establish that it was received at the Government installation designated for receipt of proposals and was under the Government's control prior to the time set for receipt of proposals; or
- (b) It was the only proposal received.

However, a late modification of an otherwise timely and successful proposal that makes its terms more favorable to the Government will be considered at any time it is received and may be accepted.

Acceptable evidence to establish the time or receipt at the Government installation includes the time/date stamp of that installation on the proposal wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the Government office designated for receipt of proposals by the exact time specified in the announcement, and urgent Government requirements preclude amendment of the announcement closing date, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the announcement on the first work day on which normal Government processes resume.

The contracting officer must promptly notify any Offeror if its proposal, modifications, or revision was received late and must inform the Offeror whether its proposal will be considered.

NOTE: Due to changes in security procedures since September 11, 2001, the time required for hard-copy written materials to be received at the Office of Naval Research has increased. Thus it is recommended that any hard-copy proposal be mailed several days before the deadline established in the solicitation so that it will not be received late and thus be ineligible for award consideration.

6. Address for the Submission of Hard Copy White Papers and Full Proposals for Contracts

Hard copies of white papers and full proposals for Contracts should be sent to the Office of Naval Research at the following address:

Dr. Michael Pollock
Surface and Aerospace Surveillance Program Manager
Electronics, Sensors, and Networks Research Division
Code ONR 312
Office of Naval Research
875 North Randolph Street, Suite 1425*
(Room 1126)
Arlington, VA 22203-1995
E-mail: pollocm@onr.navy.mil

** Important Notes -*

If the Offeror chooses to use the United States Postal Service (USPS), it needs to use the Official address. Offerors should be aware that they need to allow up to an extra five (5) business days because USPS mail is sent to a central location for special processing before it is delivered to ONR. WhitePapers/Full Proposals may also be delivered by commercial carriers who have access beyond the lobby of the building for delivery directly to the identified room. White

Papers/Full Proposals sent by FAX, E-MAIL, or HAND CARRIED by an individual without access beyond the lobby WILL NOT BE ACCEPTED.

V. EVALUATION INFORMATION

1. Evaluation Criteria –

The following evaluation criteria apply to both the White Papers and the Full Proposals.

These submissions will be selected through a technical/scientific/cost decision process with technical and scientific considerations being more important than cost. Even though cost is of less importance than all of the technical factors combined, it will not be ignored. The degree of its importance 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 technical superiority to the Government. Criteria A-D are listed in descending order of priority. Any sub-criteria listed under a particular criterion are of equal importance to each other.

- A. Overall scientific and technical merits of the proposal
 - 1. The degree of innovation
 - 2. The soundness of technical concept
 - 3. The Offeror's awareness of the state of the art and understanding of the scope of the problem and the technical effort needed to address it

- B. Naval relevance, transition potential and anticipated contributions of the proposed technology to Electronic Warfare operations.

- C. Offeror's capabilities, related experience, and past performance, including the qualifications, capabilities and experience of the proposed principal personnel
 - 1. The quality of technical personnel proposed
 - 2. The Offeror's experience in relevant efforts with similar resources
 - 3. The ability to manage the proposed effort

- D. The realism of the proposed cost
 - 1. Total cost relative to benefit
 - 2. Realism of cost levels for facilities and staffing

For proposed awards to be made as contracts to large businesses, the socio-economic merits of each proposal will be evaluated based on the extent of the Offeror's commitment in 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.

Industry-Academia Partnering – ONR highly encourages partnering among industry and

academia with a view toward speeding the incorporation of new science and technology into fielded systems. Proposals that utilize industry-academic partnering which enhances the development of novel S&T advances will be given favorable consideration.

Evaluation of Options: The Government will evaluate options for award purposes by adding the total costs for all options to the total price for the basic requirement. The evaluation of options will not obligate the Government to exercise the option(s).

2. Evaluation Panel –

White papers, oral presentation materials, and full proposals submitted under this BAA will be protected from unauthorized disclosure in accordance with FAR 3.104-5 and 15.207. Potential Offerors should understand that government technical experts drawn from the Office of Naval Research, the Naval systems commands, Navy warfare centers, the Naval Research Laboratory (NRL), and other Naval and Defense activities/agencies will evaluate the white papers, oral presentations, and full proposals.

The Government may use selected support personnel as subject matter expert technical consultants to assist in providing both technical expertise and administrative support regarding white papers, oral presentation materials, and full proposals resulting from this announcement. Similarly, support contractors may be utilized as subject matter experts in the evaluation of cost proposals. However, proposal selection and award decisions are solely the responsibility of Government personnel. Each support contractor's employee having access to the submissions in response to this BAA will be required to sign a non-disclosure agreement prior to receipt in order to protect proprietary and source-selection information.

VI. AWARD ADMINISTRATION INFORMATION

1. Administrative Requirements –

- The North American Industry Classification System (NAICS) code – The North American Industry Classification System (NAICS) code for this announcement is 541712 with a small business size standard of 500.
- CCR - Successful Offerors not already registered in the Central Contractor Registry (CCR) will be required to register in CCR prior to award of any contract. Information on CCR registration is available at <http://www.onr.navy.mil/02/cc.htm>.
- Certifications – In accordance with FAR 4.1201, prospective contractors shall complete and submit electronic annual representations and certifications at <http://orca.bpn.gov>. The Online Representations and Certifications Application (ORCA) must be supplemented by the DFARS and contract specific representations and certifications found at http://www.onr.navy.mil/02/rep_cert.asp.
- Subcontracting Plans - Successful contract proposals that exceed \$650,000, submitted by all “but small business concerns”, will be required to submit prior to award a Small Business Subcontracting Plan in accordance with FAR 52.219-9, prior to award.

2. Deliverables/Reports –

The following is a sample of deliverables that could be required under a research effort. The following deliverables, primarily in contractor format, are anticipated as necessary.

- Software
- Software source codes
- Software executable codes
- Application Programming Interface (API)
- User manuals
- Software functional description document
- Software configuration description
- Software installation manuals
- Executable or binaries complete with software libraries
- Execution plan
- Technical Progress reports at regular time intervals (monthly or quarterly, but not both) as specified in the award document, including detailed technical data, algorithms, software (source code, executable code, pseudo code, etc. cross referenced to the applicable deliverable.)
- Financial progress reports at regular time intervals as specified in the award document.
- Presentation Material(s)
- Other Documentation or Reports
- Final Technical Report

However please note that specific deliverables (that may include software and hardware deliverables) should be proposed by each Offeror and finalized during negotiations. Research performed under contracts may also include the delivery of software, prototypes, and other hardware deliverables.

VII. OTHER INFORMATION

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

Each Offeror must provide a very specific description of any equipment/hardware that it needs to acquire to perform the work. This description should indicate whether or not each particular piece of equipment/hardware will be included as part of a deliverable item under the resulting award. Also, this description should identify the component, nomenclature, and configuration of the equipment/hardware proposed to be purchased for this effort. It is the Government's desire to have the contractors purchase the equipment/hardware for deliverable items under their contract. The purchase on a direct reimbursement basis of special test equipment or other equipment that is not included in a deliverable item will be evaluated for allow ability on a case-by-case basis.

Offerors are expected to provide all facilities (equipment and/or real property) necessary for the performance of the proposed effort. Any direct charge of facilities, not including deliverable items, must be specifically identified in the Offeror's proposal and approved by the Government prior to purchase. In addition, any request to use Government owned facilities must be included in the Offeror's proposal and approved in advance by the cognizant Government official. After contract award, requests to use Government integration, test, and experiment facilities will be considered on a case by case basis based on availability and justification of need.

2. Security Classification

All proposals are expected to be unclassified.

In order to facilitate intra-program collaboration and technology transfer, the Government will attempt to enable awardees to work at the unclassified level to the maximum extent possible.

If awardees use unclassified data in their deliveries and demonstrations regarding a potential classified project, they should use methods and conventions consistent with those used in classified environments. Such conventions will permit the various subsystems and the final system to be more adaptable in accommodating classified data in the transition system.

3. Project Meetings & 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 40% of these meetings will be at or near ONR, Arlington VA and 60% at other contractor or government facilities. Interim meetings are likely, but these will be accomplished via video telephone conferences, telephone conferences, or via web-based collaboration tools.

4. DFARS 252.204-7000 Disclosure of Information and Information Releaseability

DFARS Clause 252.204-7000 entitled "Disclosure of Information" will be incorporated into all resulting contracts under this BAA. Due to the potential sensitivity of the release of unclassified information regardless of the medium used, all information/data must be approved by the Program Officer PRIOR the public release of any and all information generated under resulting contracts and/or related to this program.

5. Department of Defense High Performance Computing Program

The DoD High Performance Computing Program (HPCMP) furnishes the DoD S & T and DT & E communities with use-access to very powerful high performance computing systems. Awardees of ONR contracts 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/>.

6. Use of Animals and Human Subjects in Research

If animals are to be utilized in the research effort proposed, the Offeror must complete a DOD Animal Use Protocol with supporting documentation (copies of AALAC accreditation and/or NIH assurance, IACUC approval, research literature database searches, and the two most recent USDA inspection reports) prior to award. For assistance with submission of animal research related documentation, contact the ONR Animal/Human Use Administrator at (703) 696-4046.

Similarly, for any proposal for research involving human subjects the Offeror must submit prior to award: documentation of approval from an Institutional Review Board (IRB); IRB-approved research protocol; IRB-approved informed consent form; proof of completed human research training (e.g., training certificate or institutional verification of training); an application for a DoD Navy Addendum to the Offeror's DHHS-issued Federalwide Assurance (FWA) or the Offeror's DoD Navy Addendum number. In the event that an exemption criterion under 32 CFR.219.101(b) is claimed, provide documentation of the determination by the Institutional Review Board (IRB) Chair, IRB Vice Chair, designated IRB administrator or official of the human research protection program. Information about assurance applications and forms can be obtained by contacting ONR_343_contact@navy.mil. If the research is determined by the IRB to be greater than minimal risk, the Offeror also must provide the name and contact information for the independent medical monitor. [Note: for research involving human subjects that is greater than minimal risk, administrative procedures to protect human subjects from medical expenses (not otherwise provided or reimbursed) that are the direct result of participation in a research project must be addressed. Additional supporting documentation may be requested. For additional information on this topic, email ONR_343_contact@navy.mil.] For assistance with submission of human subject research related documentation, contact the ONR Animal/Human Use Administrator at (703) 696-4046.

7. Organizational Conflict of Interest

The parties acknowledge that, during performance of the contract resulting from this BAA, the Contractor may require access to certain proprietary and confidential information (whether in its original or derived form) submitted to or produced by the Government. Such information includes, but is not limited to, business practices, proposals, designs, mission or operation concepts, sketches, management policies, cost and operating expense, technical data and trade secrets, proposed Navy budgetary information, and acquisition planning or acquisition actions, obtained either directly or indirectly as a result of the effort performed on behalf of ONR. The Contractor shall take appropriate steps not only to safeguard such information, but also to prevent disclosure of such information to any party other than the Government. The Contractor agrees to indoctrinate company personnel who will have access to or custody of the information concerning the nature of the confidential terms under which the Government received such information and

shall stress that the information shall not be disclosed to any other party or to Contractor personnel who do not need to know the contents thereof for the performance of the contract. Contractor personnel shall also be informed that they shall not engage in any other action, venture, or employment wherein this information will be used for any purpose by any other party.

8. Protection of Propriety and Sensitive Information

The parties acknowledge that, during performance of the contract resulting from this BAA, the recipient may require access to certain proprietary and confidential information (whether in its original or derived form) submitted to or produced by the Government. Such information includes, but is not limited to, business practices, proposals, designs, mission or operation concepts, sketches, management policies, cost and operating expense, technical data and trade secrets, proposed Navy budgetary information, and acquisition planning or acquisition actions, obtained either directly or indirectly as a result of the effort performed on behalf of ONR. The Contractor shall take appropriate steps not only to safeguard such information, but also to prevent disclosure of such information to any party other than the Government. The Contractor agrees to indoctrinate company personnel who will have access to or custody of the information concerning the nature of the confidential terms under which the Government received such information and shall stress that the information shall not be disclosed to any other party or to Contractor personnel who do not need to know the contents thereof for the performance of the contract. Contractor personnel shall also be informed that they shall not engage in any other action, venture, or employment wherein this information will be used for any purpose by any other party.