

ONR BAA Announcement # ONR 07-009



INTRODUCTION:

This publication constitutes a Broad Agency Announcement (BAA) as contemplated in Federal Acquisition Regulation (FAR) 6.102(d)(2) and the Department of Defense Grants and Agreements (DoDGARS) Subpart 22.315(a). A formal Request for Proposals (RFP), solicitation, and/or additional information regarding this announcement will not be issued.

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. The ONR reserves the right to fund all, some or none of the proposals received under this BAA. 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

2. Research Opportunity Title -

Electronic Warfare Technology

3. Program Name –

Electronic Warfare Discovery and Invention (D&I)

4. Research Opportunity Number –

ONR BAA 07-009

5. Response Date -

White Papers: 12 February 2007

Full Proposals: 14 May 2007

6. Research Opportunity Description -

The goal of electronic warfare is to control the electromagnetic (EM) spectrum by exploiting, disrupting, or denying enemy use of the spectrum while ensuring its use by friendly forces. To that end, ONR's Electronic Warfare Discovery and Invention (D&I) program invests in science and technology (S&T) initiatives that will provide naval forces (including Navy and Marine Corps) with improved threat warning systems, electronic support measures (ESM), decoys, and electronic attack (EA) countermeasures as well as communication and navigation countermeasures.

ONR 312 Electronic Warfare (EW) seeks white papers for efforts that shall develop and demonstrate technologies for the next generation components and systems in Electronic Warfare. White papers should address technology developments in one or more of the following areas.

6.1 Extending the EW Spectrum

The objective is to increase Naval (Navy and Marine Corps) dominance of the EW spectrum by extending our capabilities beyond the traditional radio frequency (RF) radar (1-18 GHz) and electro-optical / infrared (EO/IR) (0.1 - 5 microns) bands. Potential hostile use of the extended spectrum will require both signal detection and exploitation technologies (ESM) and spectral attack and denial technologies (EA). Potential spectral extensions include:

- a. Low band RF (HF/VHF/UHF 3-1000 MHz) - EA only
- b. Millimeter wave (K/Ka Band 18-40 GHz, W Band 75-110 GHz) - EA only
- c. Terahertz (300-3000 GHz)
- d. Long-Wave Infrared (8-12 microns)
- e. Far Infrared (12-100 microns)
- f. Acoustics (open air transmission)

6.2 Exploiting Non-Traditional Signals

The objective is to increase Naval (Navy and Marine Corps) capabilities to detect, locate, track, ID, and counter RF emitters beyond traditional pulsed radar and communications transmitters. Early efforts will focus on detection and exploitation (ESM), followed by

electronic attack and denial (EA) as our detection capabilities mature. Potential signal types include:

- a. Frequency Modulated Continuous Wave (FMCW) - EA only
- b. Phase-coded waveforms - EA only
- c. Spread spectrum, frequency hopping signals
- d. Noise-like waveforms
- e. Unintentional RF emissions
- f. Optical communications / data links
- g. Network links

6.3 Countering Passive Detection Systems

The objective is to provide naval (Navy and Marine Corps) capabilities to detect and counter passive detection technologies. The use of RF passive coherent location (PCL) systems and multi-/hyper-spectral detectors and imagers will be especially challenging because hostile use is not announced through RF or EO/IR emissions. Novel techniques and technology will be required to degrade or deny these capabilities, including:

- a. Methods to remotely detect and identify passive detection systems
- b. RF deception waveforms and techniques
- c. EO/IR spectral deception or obscuration

6.4 Network-Enabled Electronic Warfare

The objective is to develop modeling and simulation efforts and conduct field trials and demonstrations to explore the advantages and limitations of network-enabled electronic warfare concepts. The advantages of linking multiple ESM and EA assets to achieve improved capabilities across a networked battleforce have yet to be quantified. Efforts in this area might include:

- a. Test scenario and methodology development
- b. Determination of quantifiable metrics
- c. Determination of link requirements
- d. Exploration of coordinated vs. scripted interactions
- e. Development of methods to realistically assess the effectiveness of EW employment

7. Point(s) of Contact –

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

Dr. Peter Craig
E-mail: Peter_Craig@onr.navy.mil
Telephone: (703) 696-0114
Fax: (703) 696-1331

Electronic Warfare Program (Code 312EW)
Electronics, Sensors, and Networks Research Division
Office of Naval Research
875 North Randolph Street, Suite 1425

Arlington, VA 22203-1995

Questions of a business nature shall be directed to the cognizant Contract Specialist, as specified below:

Ms. Carol Brown
Contract Specialist
Contract and Grant Awards Management
Office of Naval Research, Code BD 251
875 North Randolph Street, Suite 1425
Arlington, VA 22203-1995
Telephone Number: (703) 696-0436
FAX Number: (703) 696-0993
Email Address: carol_brown@onr.navy.mil

8. Instrument Type(s) -

It is anticipated that primarily contracts will result from this announcement. However, ONR will consider awarding grants, cooperative agreements, or other transaction agreements as appropriate.

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

12.300

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

DOD Basic and Applied Scientific Research

11. Other Information -

Not Applicable (N/A)

II. AWARD INFORMATION

The Office of Naval Research (ONR) plans to 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.

ONR anticipates a budget of \$2,000,000.00 per annum for the period FY08-FY10 for this program. ONR plans to fund individual awards of \$100,000.00 to \$750,000.00 per year, using Discovery and Invention (D&I) (Budget Category 6.2) funds. However, lower and higher cost proposals will be considered. The period of performance for projects may be

from one to three years, with an estimated start date of 31 October 2007, subject to date of final award and availability of new fiscal year funds.

ONR will consider proposals from Government Entities, outside of this BAA, that may draw from this budget.

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 may submit a proposal, which shall be considered by the Government. Proposals from foreign companies/entities will not be considered under this solicitation. 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 due to the impracticality of reserving discrete or severable areas of naval Electronic Warfare Technology for exclusive competition among these entities.

Federal Funded Research and Development Centers (FFRDCs) may submit proposals under this BAA, unless otherwise restricted under their agreements with sponsoring agencies.

Independent organizations and teams are encouraged to submit proposals in any or 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.

IV. APPLICATION AND SUBMISSION INFORMATION

1. Application and Submission Process -

(A) White Papers: The due date for white papers is no later than 4:00 PM (EST) on 12 February 2007. White papers received after the published due date will not be considered for funding in FY08. Each white paper should state that it is submitted in response to this BAA.

Evaluation/Notification: Initial Navy evaluations of the white papers will be issued via e-mail notification on or about 20 February 2007. An expanded oral presentation will be subsequently requested from those Offerors whose proposed technologies have been identified through the aforementioned e-mail. The Office of Naval Research (ONR) plans to 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 as being of "particular value" to the Navy. However, any such request does not assure a subsequent award.

Submission of Full Proposal: Any Offeror may submit a full proposal even if its white paper was not identified as being of "particular value". However, the Navy's initial evaluation of the white papers should give proposers some indication of whether a later full proposal would likely result in an award. Full proposals will not be considered under this BAA unless a white paper was received before the white paper due date specified above.

(B) Oral Presentations: 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 requested oral presentations will coincide with the annual ONR Electronic Warfare (EW) Science and Technology (S&T) Review, currently scheduled for 20-22 March 2007. The time, location, and briefing format of the oral presentations, if requested, will be provided at a later date via e-mail notification.

Evaluation/Notification: Initial Navy evaluations of the oral presentations will be issued via e-mail notification on or about 30 March 2007. A full proposal will be subsequently encouraged from those Offerors whose proposed technologies have been identified through the aforementioned e-mail.

(C) Full Proposals: The due date for receipt of Full Proposals is 4:00 PM (local time) on 14 May 2007. ONR will select the efforts to be funded for FY08 start-up contingent upon the quality and completeness of the proposal and the level of available funding. It is anticipated that final selections will be made within 16 days after proposal submission. As soon as the final proposal evaluation process is completed, PIs will be notified via e-mail of their project's selection or non-selection for FY08 funding. Proposals received after the published due date will not be considered for funding in FY08. Proposals exceeding the page limit will not be evaluated.

2. 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 – one (1) original, five (5) copies, and one (1) electronic copy on CD-ROM, (in Microsoft® Word or .PDF format).

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, and 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 thirty (30) 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, five (5) copies, and one (1) electronic copy on CD-ROM, (in Microsoft® Word or .PDF format).

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/VDFDARA.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. Not to exceed one (1) page.

- 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: **Applicable to contracts only; this does not apply to grant instruments.** 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
 - 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.

3. Significant Dates and Times -

Anticipated Schedule of Events *

EVENT	DATE (MM/DD/YEAR)	TIME (EASTERN TIME)
White Papers Due Date	12 February 2007	4:00 PM
Notification of Initial Navy Evaluations of White Papers	20 February 2007	4:00 PM
Oral Presentation Briefing Due Date	19 March 2007	4:00 PM
Oral Presentation	22 March 2007	TBD

Notification of Navy Evaluations of Oral Presentations	30 March 2007	4:00 PM
Full Proposal Due Date	14 May 2007	4:00 PM
Notification of Selection for Award	30 May 2007	4:00 PM
Issued Awards	31 October 2007	TBD
Kickoff Meeting	TBD	TBD

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

4. 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 it was transmitted through an electronic commerce method authorized by the announcement, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals; or
- (b) 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
- (c) 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 extend 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.

5. Submission of Grant Proposals to Grants.gov

Grant proposals may be submitted through Grants.gov or by hard copy. Regardless of whether Grants.gov is used or “hardcopy” submission, the Offeror must use the Grants.gov forms from the application package template associated with the BAA on the Grants.gov website. To be considered for award, applicants must include the ONR Department Code in Block 4 entitled ‘Federal Identifier’ of the Standard Form (SF) 424 R&R. **Please be sure to enter Department Code 313.**

However, it should be noted that “white papers” should not be submitted through Grants.gov Apply process; the only acceptable media will be hard copy. White papers may be submitted in hard copy (either electronically or paper) directly to the cognizant ONR Science and Technology Department. White paper submissions may be either mailed, faxed, or emailed directly to the appropriate ONR Program Officer/Program Manager.

For electronic submission, there are several one-time actions that must be completed in order to submit an application through Grants.gov (e.g., obtain a Dun and Bradstreet Data Universal Numbering System (DUNS) number, register with the Central Contract Registry (CCR), register with the credential provider, and register with Grants.gov). See www.grants.gov, specifically www.grants.gov/GetStarted.

Use the Grants.gov Organization Registration Checklist at <http://www.grants.gov/assets/OrganizationRegCheck.doc> http://www.grants.gov/applicants/register_your_organization.jsp which will provide guidance through the process. Designating an E-Business Point of Contact (EBiz POC) and obtaining a special password called ‘MPIN’ are important steps in the CCR registration process. Applicants who are not registered with CCR and Grants.gov, should allow at least 21 days to complete these requirements. It is suggested that the process be started as soon as possible. Additionally, in order to download the application package, applicants will need to install PureEdgeViewer. This small, free program will allow applicants to access, complete and submit applications electronically and securely. For a free version of the software, visit the following website: www.grants.gov/DownloadViewer. If any questions that may arise relating to the registration process, system requirements, how an application form works, or the

submission process must be directed to Grants.gov at 1-800-518-4726 or support@grants.gov.

Detailed instructions entitled, “Grants.Gov Electronic Application and Submission Information”, on how to submit a Grant proposal through Grants.gov may be found at the ONR website listed under the ‘Acquisition Department – Contracts & Grants Submitting a Proposal’ link at: http://www.onr.navy.mil/02/how_to.asp

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

Hard copies of white papers and of full proposals for Contracts and Grants (other than those sent electronically through Grants.gov) should be sent to the Office of Naval Research at the following address:

Dr. Peter Craig
Electronic Warfare Program Manager
Electronics, Sensors, and Networks Research Division
Code ONR 312EW
Office of Naval Research
875 North Randolph Street, Suite 1425
(Room 1112)
Arlington, VA 22203-1995
Telephone: (703) 696-0114
Fax: (703) 696-1331
E-mail: Peter_Craig@onr.navy.mil

NOTE: FULL PROPOSALS SENT BY FAX OR E-MAIL WILL NOT BE CONSIDERED.

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 most important. 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-C 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

2. Evaluation Panel -

Potential Offerors should understand that government technical experts drawn from the Office of Naval Research and other naval and defense activities/agencies will participate in the evaluation of the Full Proposals. The Government may use selected support contractor personnel to assist in providing both technical expertise and administrative support regarding any ensuing proposals from this announcement. However, proposal selection and award decisions are solely the responsibility of Government personnel. Each support contractor's employees 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. These support contractors will be bound by appropriate non-disclosure agreements 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 541710 with a small business size standard of 500 employees.
- CCR - Successful Offerors not already registered in the Central Contractor Registry (CCR) will be required to register in CCR prior to award of any grant, contract, cooperative agreement, or other transaction agreement. Information on CCR registration is available at <http://www.onr.navy.mil/02/ccr.htm>.
- Certifications – Proposals for contracts and assistance agreements should be accompanied by a completed certification package which can be accessed on the ONR Home Page at Contracts & Grants located at http://www.onr.navy.mil/02/rep_cert.asp.

For contracts, in accordance with FAR 4.1201, prospective contractors shall complete electronic annual representations and certifications at <http://orca.bpn.gov>. The Online Representations and Certifications Application (ORCA) must be supplemented by DFARS and contract specific representations and certifications found at http://www.onr.navy.mil/02/rep_cert.asp. This requirement is also applicable for other transaction agreement proposals involving prototypes (Section 845 agreements).

For grant proposals and proposals for cooperative agreements or other transaction agreements (other than for prototypes), the certification package is entitled "[Certifications for Grants and Agreements](#)."

- Subcontracting Plans - Successful contract proposals that exceed \$550,000, 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.

2. Reporting -

The following is a sample of reporting deliverables that could be required under a research effort. The following deliverables, primarily in contractor format, are anticipated as necessary. However, specific deliverables should be proposed by each Offeror and finalized with the contracting agent:

- Detailed Technical Data
- Technical and Financial Progress Reports
- Presentation Material(s)
- Other Documentation or Reports, as required
- Final Report

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 allowability 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. However, confidential/classified proposals are permitted.

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. 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 AAALAC accreditation and/or NIH OLAW Animal Welfare Assurance approval letter, IACUC approval, research literature database searches, and the two most recent USDA inspection reports) prior to award. 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 informed consent form; IRB-approved research protocol; an executive summary of planned research (one-half to one page in length); proof of completed human research training (e.g., training certificate, institutional verification of training, etc.); an application for a DoD Navy Addendum to the Offeror's DHHS-issued Federalwide Assurance (FWA) or the Offeror's DoD Navy Addendum number. The forms for assurance applications can be found at http://www.onr.navy.mil/sci_tech/34/343/. 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. Documentation describing those procedures may be requested. For additional information on this topic please email 343_contact@onr.navy.mil.] For assistance with submission of animal and human subject research related documentation, contact the ONR Animal/Human Use Administrator at (703) 696-4046.

5. Roles of the Navy Warfare Centers

The Navy Warfare Centers will have the primary role for the integration and experimentation/demonstration process. They will also participate in the development of technologies where there are unique capabilities and facilities of interest to the Electronic Warfare Discovery and Invention program. They will also assist ONR in the management, engineering, and administrative tasks and will provide government furnished equipment (GFE) and facilities that will be used for system level integration and portions of experiment execution.

6. 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, 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/>.

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.