

ONR BAA Announcement # ONR 07-015



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 -

Electro-Optical/Infrared Surveillance Sensor Technology

3. Program Name –

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

4. Research Opportunity Number –

ONR BAA 07-015

5. Response Date -

White Papers: 6 April 2007

Full Proposals: 15 Jun 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.

a. Electro-Optical/Infrared Sensor Electronic Field of Regard, Field-of-View (FOV) and Magnification

The Office of Naval Research (ONR-312) seeks innovative technology development proposals for small, light-weight electro-optic and infrared sensors and/or technology for dynamically allocatable field of view (FOV)/magnification. The thrust is to develop sensor technology enabling low cost persistent surveillance and targeting. It should be suitable ultimately for small payload, 5 pounds typically, unmanned aerial vehicles (UAV). The sensor technology should not be mechanical gimbals or mechanical pan-tilt-zoom. The sensors should be optically/electronically pointable (ie. optically agile beam steering). The technology should ultimately be capable of up to +/- 90 degrees pointing/steering and electronic magnification (3X to 12X) capable. Electronically addressed active optics should enable optical sensors that can steer quickly between lines of sight and change to multiple fields of view for reconnaissance applications. This includes wide FOV for surveillance, high resolution narrow FOV for target identification and tracking, and fast electronically addressable pointing for tracking of multiple targets.

Attention/consideration should be given to knowing where the sensor FOV is directed so image registration and target geolocation can be determined. Passive visible and infrared imaging sensors/technology are of particular interest.

b. EO-IR Scene Simulation for Persistent Surveillance Development

The objective is to develop a scene simulation capability, in the electro-optical and infrared spectral bands, to use for developing and evaluating automated scene/image understanding and autonomous sensor management algorithms. The effort should be phased and incremental to develop initial capabilities in as timely a manner as possible. Maximum possible use of DoD lab existing simulations/scene generators is encouraged. For example, the NRL TEW Division IR signature and background generation software (IRcruise) and the NVESD Paint the Night software should be considered. The aspect angles from overhead (UAV-based sensors) has not previously been a focus area. The scenario/scene generation should ultimately be capable of generating maritime, littoral, urban and rural scenes.

7. Point(s) of Contact –

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

Dr. Keith Krapels
E-mail: keith_krapels@onr.navy.mil

Electro-Optical Infrared Sensors Program (Code 312EOIR)
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
Email Address: carol_brown@onr.navy.mil

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

- All Questions (of a general programmatic, thrust specific or business nature) 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 other than the Oral Presentations.
- Questions regarding **white papers** must be submitted by 2:00 p.m. EST on 26 March 2007. 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 present an oral presentation, questions regarding **oral presentations** must be submitted by 2:00 p.m. EST one week prior to the scheduled presentation. Questions after this date and time may not be answered and the date and/or time of the scheduled presentation will not be changed.
- Questions regarding **full proposals** must be submitted by 2:00 p.m. EST on 4 June 2007. Questions after this date and time may not be answered and the due date for submission of the proposals will not be extended.

8. Instrument Type(s) -

It is anticipated that primarily contracts will result from this announcement. However, ONR will consider awarding grants.

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 \$2,500,000.00 per annum for the period FY08-FY10 for this program. ONR plans to fund \$100,000.00 to \$500,000.00 per year, per award using Discovery and Invention (D&I) (Budget Category 6.2) funds. The period of performance of the awards typically ranges from one to three years (base year and two option years) and the estimated start date is 31 October 2007, subject to date of final award and availability of new fiscal year funds.

ONR may 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. The proposals submitted to perform Discovery & Invention research (Budget Category 6.2) in response to this BAA are categorized as Applied Research. However, some proposals made could be viewed by the Program Manager as more developmental and militarily sensitive in nature. In those instances the International Traffic in Arms Regulations (ITAR) may apply, and researchers who are not U.S. citizens or permanent resident aliens may be restricted in their ability to perform the work. These situations must be judged on a case-by-case basis.

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 HBCUs and MIs 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 –

The Application and Submission Process consists of white papers, oral presentations, and 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.

(A) White Papers: The due date for white papers is no later than 4:00 PM (EST) on 6 April 2007. White papers received after the published due date will not be considered for funding. 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 April 2007. An expanded oral presentation will be subsequently requested from those Offerors whose proposed technologies have been identified through the aforementioned e-mail as being of particular value to the Navy. The Office of Naval Research (ONR) plans to award multiple technology development contracts (particularly cost plus fixed fee (CPFF) type contracts) to these proposals that represent the best value to the Government in accordance with the evaluation criteria. However, any such request does not assure a subsequent award.

Any offeror may give an oral presentation and subsequently submit a full proposal even if its white paper was not identified as being of "particular value". Simply contact the Contract Specialist identified above and indicate your desire to make an oral presentation. However, the Navy's initial evaluation of the white papers should give offerors 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 22 May 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: Navy evaluations of the oral presentations will be issued via e-mail notification on or about 29 May 2007. Full proposals will be encouraged from those Offerors whose proposed technologies have been identified through the oral presentations as being of "particular value" to the Navy.

(C) Full Proposals: The due date for receipt of Full Proposals is 4:00 PM (local time) on 15 June 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 15 days after proposal submission. As soon as the full proposal evaluation process is completed, PIs will be notified via e-mail of their project's selection or non-selection for FY08 funding. Proposals exceeding the page limit may 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 25 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 one (1) page.
- 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. Include a 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: 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.

- 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 description of the products to be delivered inclusive of the timeframe in which it will be delivered. Not to exceed one (1) page.
- 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 two (2) 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.

3. Significant Dates and Times -

Anticipated Schedule of Events

EVENT	DATE (MM/DD/YEAR)	TIME (EASTERN TIME)
White Papers Due Date	6 April 2007	4:00 PM
Notification of Initial Navy Evaluations of White Papers	20 April 2007*	8:00 PM
Oral Presentation	22 May 2007	TBD
Notification of Navy Evaluations of Oral Presentations	29 May 2007*	8:00 PM
Full Proposal Due Date	15 June 2007	4:00 PM
Notification of Selection for Award	30 June 2007*	8:00 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 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 312.**

However, it should be noted that “white papers” **should not** be submitted through Grants.gov application process; the only acceptable medium will be hard copy. White papers must be submitted in hard copy directly to Department Code 312 at the address identified in Section 5, below.

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 submittal 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

Forms

You must complete the mandatory forms and any applicable optional forms (e.g., SF LLL Disclosure of Lobbying Activities) in accordance with the instructions on the forms and the additional instructions below. **Files that are attached to the forms must be in Adobe Portable Document Format (PDF) unless otherwise specified in this announcement.**

SF 424 (R&R)

Complete this form first to populate data in other forms. Complete all the required fields in accordance with the pop-up instructions on the form. To activate the instructions, turn on the “Help Mode” (icon with the pointer and question mark at the top of the form). The list of certifications and assurances referenced in Field 18 can be found on the ONR Home Page at Contracts and Grants. The certification package for Grants is entitled, “Certifications for Grants and Agreements”. The completion of most of the fields is self-explanatory except the following special instructions:

- a. Field 2: In the Applicant Identifier area, please list ONR Program Officer Dan Purdy, Code 312.
- b. Field 4: In the Federal Identifier Field, ONR Department Code **312** MUST be entered.
- c. Field 7: Complete as indicated. Please note under “Other (Specify)” if your organization is a Minority Institution (MI).

Proposal Narrative - Attach the proposal narrative to the SF424 (R&R) using the optional “Attachment” form provided in the Applicant Package in Grants.gov. The proposal narrative contains the cover, table of contents, executive summary, background, statement of work, management approach, reference citations, assertion of data rights, qualifications and cost proposal.

Supporting Letter - Attach a supporting letter to the SF424 (R&R) using the optional “Attachment” form provided in the Applicant Package in Grants.gov. The supporting letter should be from the applicant’s Department Chairperson, Dean, or other official who

speaks for the university regarding support for and commitment to the applicant. This commitment can be shown, for example, by the purchase of research equipment, support for the applicant's graduate students, etc. The supporting letter should state whether the applicant holds a tenure track position or a permanent position. If the applicant does not have a permanent appointment and the university does not designate any faculty appointments as tenure track, the letter should note this and state when the applicant will be considered for a permanent appointment.

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

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

Dr. Keith Krapels
Electro-Optical Infrared Sensors Program Manager
Electronics, Sensors, and Networks Research Division
Code ONR 312EOIR
Office of Naval Research
875 North Randolph Street, Suite 1425*
Arlington, VA 22203-1995
Telephone: (703) 696-5787
E-mail: keith_krapels@onr.navy.mil

*This is the address if using U.S. mail. If using overnight courier, please use Room 1112 instead of Suite 1425. If a telephone number is required, please use 703-696-5787.

NOTE: Due to changes in security procedures since September 11, 2001, the time required for hard-copy written materials sent as U.S. mail 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.

NOTE: White Papers and/or Full Proposals sent by fax or E-Mail will not be considered.

6. Submission of Late Proposals –

If the requirement is 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 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.

V. EVALUATION INFORMATION

1. Evaluation Criteria –

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

Full proposals 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-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.

The Government will evaluate options for award purposes by adding the total cost for all options to the total for the basic requirement.

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 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.

For grant proposals, the certification package, available on the ONR Home Page, 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, prior to award.

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

Specific data deliverables should be proposed by each offeror and finalized during negotiations. For any contracts awarded from this announcement in which the developed

products for the relevant capability gaps are for software, prototypes, and/or other hardware deliverables, these items will be included as not-separately-priced deliverables in the contract. Any software deliverables must provide the Government with source code for all modules in which Government funds were used in the development.

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 quarterly, as necessary.

Program status reports will be submitted monthly. They should provide a forum for reviews of the latest results from experiments and any other incremental progress towards the major demonstrations and the financial and schedule status. Submissions will be via email.

Review 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/>.