



Helicopter Active RPG Protection (HARP)

INTRODUCTION:

This publication constitutes a Broad Agency Announcement (BAA) as contemplated in Federal Acquisition Regulation (FAR) 6.102(d)(2) and 35.016. A formal Request for Proposals (RFP), other solicitation, 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 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 submitted under this BAA as sensitive competitive information and to disclose their contents only for the purposes of evaluation.

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I. GENERAL INFORMATION:

A. Agency Name - Office of Naval Research

B. Research Opportunity Title - Helicopter Active RPG Protection (HARP) Design, Development and Demonstration

C. Program Name – HARP Future Naval Capability Program

D. Research Opportunity Number – N00014-15-R-BA14

E. Response Date -

White Papers: 05 October 2015

Full Proposals: 21 December 2015

F. Research Opportunity Description -

The Office of Naval Research (ONR) is interested in receiving white papers and full proposals for design, development, and demonstration of Helicopter Active Rocket Propelled Grenade (RPG) Protection (HARP) Future Naval Capability (FNC) aircraft survivability products to demonstrate the ability to defeat a RPG with an expendable countermeasure launched from a tilt-rotor or rotary-wing aircraft.

Background

Unguided anti-aircraft weapons pose a unique problem for Aircraft Survivability Equipment (ASE) solutions. Currently fielded ASE is dependent upon the existence of threat weapon guidance, for example an Infrared seeker on a Man Portable Air Defense System (ManPAD). Attacking the guidance system, today's ASE seeks to jam, degrade, spoof or decoy guided anti-aircraft weapons. Unguided anti-aircraft projectiles are immune to these ASE techniques. Aircrews are dependent upon tactics, techniques and procedures (TTPs) to counter unguided threats. Due to their flight profiles, tilt-rotor and rotary-wing aircraft are particularly vulnerable to low-tech, unguided anti-air threat missile and rocket systems. HARP seeks to address this material capability shortfall for transport tilt-rotor and rotary-wing aircraft defense against RPGs. Technologies are emerging that provide capabilities for countering hostile unguided ballistic threats with hard-kill expendables. These capabilities will be developed and demonstrated by the HARP FNC.

Program Objectives

HARP technology should be designed and demonstrated in a manner consistent with the Department of Defense's Open Systems Approach (OSA) concept. Specifically the proposed HARP architecture should include the capability to be linked into the existing ASE as part of an integrated suite of survivability equipment. HARP may utilize existing rotorcraft ASE for initial Hostile Fire Indication (HFI) cueing from the AN/AAQ-24(V) Advanced Threat Warning (ATW) HFI sensor. Consistent with an OSA approach, the feasibility of integrating HARP command and

control processing onto an Advanced Single Board Computer (ASBC) in the Large Aircraft Infrared Countermeasure (LAIRCM) System Processor Replacement (LSPR) must be established. HARP's expendable countermeasure must be compatible with launch from the AN/ALE-47 Countermeasure Dispense System (CMDS), and while some modifications are allowable, the current aircraft set back load of 3,000 lbs shall not be exceeded. Upon cueing, the HARP system must execute the following tasks: sense the inbound RPG, reject false alarms with high probability, command expendable countermeasure launch when appropriate, accomplish RPG intercept at sufficient range to prevent helicopter damage, and defeat the RPG. HARP solutions must address fratricide and collateral damage risks. HARP designs should reflect a balanced approach to technical risk with consideration of the technical maturity of system and subsystem elements. The HARP effort should include a measure of effectiveness that reflects the projected non-recurring and recurring costs associated with transitioning HARP technology onto a CH-53K after the completion of the FNC.

Program Plan

The HARP Program will be carried out in three phases: (1) phase I – base period with a period of performance of eight (8) months, (2) phase 2 – Option I with a period of performance of fourteen (14) months, and (3) phase 3 – Option II with a period of performance of eighteen (18) months. The base period will include a prototype system concept design review (CoDR), plus work toward a preliminary design review (PDR). Option I will be to complete the design of the prototype system to an Science and Technology (S&T) tailored preliminary design review (PDR) and an S&T tailored critical design review (CDR), with a test matrix that defines the relevant test environments, including specifics of implementing arena and tethered helicopter tests described below under Demonstrations. Option II will be for the fabrication of prototype hardware, the coding of prototype software and demonstrations in relevant environments, as described below under Demonstrations.

Demonstrations

HARP prototype demonstrations in relevant environments will include both ground based arena and in the air tethered helicopter events. Utilizing HARP expendable countermeasure prototypes to defeat RPGs in dynamic live fire arena testing will demonstrate the kill mechanism in a relevant environment. HARP system timelines and expendable countermeasure RPG intercept will be demonstrated from a helicopter in a tethered hover at the NAVAIR Weapons Survivability Laboratory (WSL) Hostile Fire Indication (HFI) range, operating against inert RPG's. For the tethered hover demonstration Advanced Threat Warning (ATW) cueing may be emulated. Algorithms, tracking, expendable vehicle control and other aspects of the WSL HFI range demonstration may be performed, real-time, with a laptop and representative hardware/software for RPG target acquisition, tracking and fire-control-solutions. Demonstrations will be performed by the contractor with government oversight using either government-furnished facilities or contractor facilities.

G. Point(s) of Contact -

Questions of a technical nature should be submitted to:

Primary Technical Point of Contact:

Program Officer Name: Dr. Roger M. Sullivan
Address: Office of Naval Research
875 North Randolph Street – Suite W926A
Code: 352
Arlington, Va 22203
Phone: (703) 696-6681
Email: roger.sullivan@navy.mil

Questions of a Business nature, and suggestions for improvement, should be submitted to:

Primary Point of Contact:

Contract Specialist: Mr. Justin Zerbato
Address: Office of Naval Research
875 North Randolph Street - Suite 1272F
Code: BD251
Arlington, VA 22203
Phone: (703) 696-0694
Email: justin.zerbato@navy.mil

Secondary Business Point of Contact:

Acquisition Branch Head: Vera M. Carroll
Office of Naval Research
Address: 875 North Randolph Street – Suite 1279
Code: BD251
Arlington, VA 22203
Phone: (703)696-2610
Email: vera.carroll@navy.mil

Any questions regarding this solicitation must be provided to the Technical Point of Contact and Business Point of Contact listed in this solicitation. All questions shall be submitted in writing by electronic mail.

Comments or questions submitted should be concise and to the point, eliminating any unnecessary verbiage. In addition, the relevant part and paragraph of the Broad Agency Announcement (BAA) should be referenced.

Questions submitted within two (2) weeks prior to a deadline may not be answered, and the due date for submission of the white paper and/or full proposal will not be extended for the purpose of answering questions.

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

- Federal Business Opportunities (FEDBIZOPPS) Webpage – <https://www.fbo.gov/>

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

Questions of a security nature should be submitted to:

Diana Pacheco
Industrial Security Specialist
Office of Naval Research
Security Department, Code 43
One Liberty Center
875 North Randolph Street
Arlington, VA 22203-1995
Email Address: diana.pacheco@navy.mil

Note: All UNCLASSIFIED communications shall be submitted via e-mail to the Technical Point of Contract (POC) with a copy to the designated Business POC.

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

H. Instrument Type(s) – Contracts

Awards will be issued as Contracts. ONR reserves the right to award a different instrument type if deemed to be in the best interest of the Government.

Any contract awards resulting from this BAA will incorporate the most current FAR, DFARS, NMCARS and ONR clauses.

Examples of model contracts can be found on the ONR website at the following link: <http://www.onr.navy.mil/Contracts-Grants/submit-proposal/contracts-proposal/contract-model-awards.aspx>. ONR Contract specific representations and certifications can be accessed on the following page of the ONR website: <http://www.onr.navy.mil/Contracts-Grants/Funding-Opportunities/Requests-for-Information.aspx>.

I. Catalog of Federal Domestic Assistance (CFDA) Numbers – NA

J. Catalog of Federal Domestic Assistance (CFDA) Titles – NA

K. Other Information –

Offerors should read this document thoroughly and follow all instructions carefully. Non-conforming offers will be considered non-responsive and will not be evaluated.

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

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

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

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

FAR Part 35 restricts the use of the Broad Agency Announcements (BAAs), such as this, to the acquisition of basic and applied research and that portion of advanced technology development not related to the development of a specific system or hardware procurement. Contracts and grants and other assistance agreements made under BAAs are for scientific study and experimentation directed towards advancing the state of the art and increasing knowledge or understanding.

As regards to the present BAA, the Research and Development efforts to be funded will consist of applied research and advanced technology development. The funds available to support awards are Budget Activity 6.2 and 6.3.

PROPRIETARY DATA: The government desires unlimited data rights to all information and

products generated under contracts that result from this BAA. When an offeror must include proprietary data in order to fully communicate their concept, the offeror must clearly mark and identify any proprietary data that the offeror intends to be used only by the Government for evaluation purposes. The offeror must also identify any technical data contained in the white paper that it is furnishing to the Government with restrictions on use, release, or disclosure. In the absence of such identification, the Government will have unlimited rights to all technical data in the white paper. Records or data bearing one of the DFARS-approved restrictive legends may be included in the delivery. It is the intent of the Government to treat all proposals as privileged information and to disclose their contents only for the purpose of evaluation. The offerors are cautioned, however, that portions of the proposals may be subject to release under terms of the Freedom of Information Act, 5 U.S.C. 552, as amended.

THIS ANNOUNCEMENT IS NOT FOR THE ACQUISITION OF TECHNICAL, ENGINEERING AND OTHER TYPES OF SUPPORT SERVICES.

II. AWARD INFORMATION

A. Funding Amount and Period of Performance-

ONR plans to fund up to three (3) or more individual awards with nominal duration of a base period and two (2) option periods. It is estimated that contract award will take place during July/August 2016. The period of performance for the base period is eight (8) months, fourteen (14) months for Option I, and eighteen (18) months for Option II. Although ONR expects the above described program plan to be executed, ONR reserves the right to make changes including the right to make no awards.

Estimated Total Amount of Funding Available (\$13.95M):

FY2016	FY2017	FY2018	FY2019	Total
\$2.45M	\$5.9M	\$3.9M	\$1.7M	\$13.95M

ONR reserves the right to request proposals from some, one or none of the White Paper Offerors, however it is anticipated that there will be multiple Offerors invited to submit proposals. Invited Offerors should propose against a base and two (2) option periods, as described below and in Section I., paragraph F. entitled "Research Opportunity Description. The base period will include a prototype system concept design review, plus work toward a preliminary design review (PDR), funded at ~\$700K level (+/- \$100K), over an eight (8) month period of performance. No later than the sixth (6) month of the base period of performance a Concept Design Review (CoDR) will be held. Following the CoDR, the BAA evaluation criteria will be applied to the base period reports and technical reviews in order to determine whether or not Option I will be exercised. ONR reserves the right to exercise the option to fund all, some or none of the Offerors, but it is anticipated that only a single Offeror will receive an option.

Option I will be to complete the design of the prototype system to an S&T tailored preliminary design review (PDR) and an S&T tailored critical design review (CDR), with a test matrix that defines the relevant test environments, including specifics of implementing arena and tethered

helicopter tests described in Section I, paragraph F. entitled “Research Opportunity Description”. Option I may also include some level of developmental testing and it may also include ordering selected long lead items for Option II. Option I is anticipated to last approximately fourteen (14) months and be funded incrementally up to a total of approximately \$5.9M. The BAA evaluation criteria will be applied to the first (1st) option deliverable items and technical reviews in order to determine whether or not Option II will be exercised. ONR reserves the right to fund all, some or none of Option II.

Option II will be for the fabrication of prototype hardware, the coding of prototype software, and demonstrations in relevant environments, as described in Section I., paragraph F. entitled “Research Opportunity Description”. It is anticipated that Option II will extend over a period of eighteen (18) months and be funded incrementally to a total of approximately \$5.6M.

B. Production and Testing of Prototypes-

In the case of funded proposals for the production and testing of prototypes, ONR may modify the contract to add a contract line item or contract option for the provision of advanced component development or for the delivery of additional prototype units. However, such a contract addition shall be subject to the limitations contained in Section 819 of the National Defense Authorization Act for Fiscal Year 2010.

III. ELIGIBILITY INFORMATION

A. All responsible sources from academia and industry may submit proposals under this BAA. Inclusive of Small Business Concerns, Historically Underutilized Business Zone (HUBZone) Concerns, Service-Disabled Veteran-Owned Small Business (SDVOSB) Concerns, Small Disadvantaged Business (SDB) Concerns, Women-Owned Small Business (WOSB) Concerns, Veteran-Owned Small Business (VOSB) Concerns, and Historically Black Colleges and Universities (HBCUs) and Minority Institutions (MIs) are all highly encouraged to submit proposals as prime contractors and as well as join others (e.g., subcontractors) in submitting proposals. However, no portion of this BAA will be set-aside for Small Businesses, HUBZones, SDVOSBs, SDBs, WOSBs, VOSBs or HBCU and MI participation, due to the desire to seek research ideas from all entities.

B. 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.

C. 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.

D. University Affiliated Research Centers (UARC) are eligible to submit proposals under this BAA unless precluded from doing so by their Department of Defense UARC contracts.

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

F. 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.

G. Cost sharing is not expected and will not be used as a factor during the merit review of any proposal hereunder. However, the Government may consider voluntary cost sharing if proposed.

RESTRICTION ON PERFORMANCE BY FOREIGN CITIZENS (i.e., those holding non-U.S. Passports): This topic is "ITAR Restricted". The information and materials provided pursuant to or resulting from this topic are restricted under the International Traffic in Arms Regulations (ITAR), 22 CFR Parts 120 - 130, which control the export of defense-related material and services, including the export of sensitive technical data. Foreign Citizens may perform work under an award resulting from this topic only if they hold the "Permanent Resident Card", or are designated as "Protected Individuals" as defined by 8 U.S.C. 1324b (a) (3). If a proposal for this topic contains participation by a foreign citizen who is not in one of the above two categories, the proposal will be rejected.

RESTRICTION ON PERFORMANCE – GENERAL: Performance of this effort will require access to and generation of Classified data and materials up-to-and-including SECRET. An active facility clearance and personnel clearances is required.

IV. APPLICATION AND SUBMISSION INFORMATION

A. Application and Submission Process - White Papers and Full Proposals

The Government's decision to invite a full proposal will be based upon the evaluation results of the white paper submission. Offerors that do not receive invitations from the Government to submit a full proposal are not eligible to submit proposals. The government will notify Offerors whose white papers have been selected for full proposals via email.

White Papers: White papers are required prior to submitting a Full Proposal. The due date for white papers is no later than 3.00 p.m. (Eastern Standard Time) on *Monday, 05 October 2015*. White papers are to be e-mailed to the primary technical point of contact (POC), Roger Sullivan at roger.sullivan@navy.mil. Navy evaluations of the white papers will be issued via e-mail notification on or about *Tuesday, 03 November 2015*.

A Government furnished information (GFI) data package will be provided to White Paper Offerors invited to submit full proposals. The data will include interface information relative to: the AN/AAQ-24(V) Advanced Threat Warner (ATW) HFI sensor, AN/ALE-47 Countermeasure Dispense System, and the WSL HFI range test facility. It will also include a PDR Entrance Criteria check list,

to be presented as part of the CoDR, in order to aid the government in assessing the maturity of design after six months of performance under the base contract. The data will be non-proprietary and unclassified.

Full Proposals: The due date for receipt of Full Proposals is 3:00 p.m. (Eastern Standard Time) on *Monday, 21 December 2015*. Proposals received after the published due date and time may be considered for funding under a separate BAA at a later time, if funding is available. Proposals exceeding the page limit may not be evaluated. Full proposals must be mailed in accordance with the instructions stated under paragraph E. entitled "Address for Submission of White Papers and Full Proposals for Contracts" of Section IV. As soon as the proposal valuation process is completed, Offeror will be notified via e-mail of its selection or non-selection for an award. It is anticipated that final selections will be made on or about *Friday, 29 January 2016*.

B. Content and Format of White Papers/Full Proposals -

White Papers and Full Proposals submitted under the BAA are expected to be unclassified; however, confidential/classified responses are permitted. If a classified proposal is submitted and selected for award, the resultant contract will be unclassified. An "unclassified" Statement of Work (SOW) must accompany any classified proposal.

For both classified and unclassified proposals, a non-proprietary version of the Statement of Work must also be submitted. Do not put proprietary data or markings in or on the Statement of Work. For proposals containing data that the offeror does not want disclosed to the public for any purpose, or used by the Government except for evaluation purposes, the contractor shall mark the title page with the following legend:

"This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed--in whole or in part--for any purpose other than to evaluate the proposal. If, however, a contract is awarded to this offeror as a result of--or in connection with-- the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in (insert numbers or other identification of sheets)."

Also, mark each sheet of data that the offeror wishes to restrict with the following legend:

"Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal."

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

Unclassified White Paper/Full Proposal Instructions:

Unclassified White Papers and Full Proposals shall be submitted in accordance with this Section.

Special Instructions for Classified White Paper/Full Proposal Instructions:

Classified White Papers and Full Proposals shall be submitted directly to the attention of ONR's Document Control Unit at the following address:

OUTSIDE ENVELOPE (no classification marking):

Office of Naval Research
Document Control Unit
ONR Code 43
875 North Randolph Street
Arlington, VA 22203-1995

The inner wrapper of the classified proposal should be addressed to the attention of Roger Sullivan, (roger.sullivan@navy.mil), ONR Code 352 and marked in the following manner:

INNER ENVELOPE (stamped with the overall classification of the material)

Program Name: Helicopter Active RPG Protection (HARP)
Office of Naval Research
Attn: Roger Sullivan
ONR Code: 352
875 North Randolph Street
Arlington, VA 22203-1995

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

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

a. WHITE PAPERS

White Paper Format

- Paper Size - 8.5 x 11 inch paper
- Margins - 1 inch
- Spacing - single spaced
- Font - Times New Roman, 12 point
- Max. Number of Pages permitted: ten (10) pages (excluding cover page, resumes, bibliographies, and table of contents)
- Copies - One (1) electronic copy in Adobe PDF or Word 2007 format on CD-ROM. Electronic (email) submissions should be sent to the attention of the TPOC at: (Email Address of the TPOC, roger.sullivan@navy.mil. The subject line of the email shall read "ONR BAA N00014-15-R-BA14 White Paper Submission." The white paper must be a Microsoft Word 2007 compatible, or PDF format attachment to the email. There is an email size limit of 5MB per email.

NOTE:

1. **Do not send hardcopies of White Papers (including Facsimiles) as only electronic submissions will be accepted and reviewed;**
2. **Do not send .ZIP files; and**
3. **Do not send password protected files.**

In order to provide traceability and evidence of submission, Offerors may wish to use the "Delivery Receipt" option available from Microsoft Outlook and other email programs that will automatically generate a response when the subject email is delivered to the recipient's email system. Consult the User's Manual for your email software for further details on this feature.

White Paper Content

- **Cover Page:** The Cover Page shall be labeled "WHITE PAPER", and shall include the BAA number (N00014-15-R-BA14), 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 Paper Technical Content:** A description of the technology innovation and technical risk areas.

Titles given to the white papers should be descriptive of the work they cover and not be merely a copy of the title of this solicitation. Create a single document that includes a Cover Sheet and Technical Concept/Project Description. Submissions will be protected from unauthorized disclosure in accordance with FAR Subpart 15.207, applicable law, and DoD/DoN regulations. Offerors are expected to appropriately mark each page of their submission that contains proprietary information. Cover Page: The Cover Page shall be labeled "WHITE PAPER" and shall include the BAA Number N00014-15-R-BA014 proposed title, technical points of contact, telephone number, facsimile number, and e-mail address. Technical Concept: White papers shall address FNC purpose, defeat of an RPG with an expendable countermeasure launched, as described in Section I., paragraph F. entitled "Research Opportunity Description". White papers shall address:

1. Overall scientific and technical merits of the proposal;
2. Operational suitability of proposed system for a CH-53K and/or an MV-22;
3. Design maturity and risk reduction approach to executing the HARP FNC program plan within cost and schedule;
4. Program execution plan; the Offeror's capabilities, related experience, facilities, and key personnel; and
5. Projected affordability in terms of the transition of HARP Future Naval Capability Product technology to the fleet. Offeror shall propose and project affordability metrics for non-recurring and recurring costs associated with transition their HARP technology onto a CH-53K, after the completion of the FNC.

- **Operational Naval Concept:** A description of the project objectives, the concept of operation for the new capabilities to be delivered, and the expected operational performance improvements.
- **Other Requirements:** Rough Order of Magnitude (ROM): The White paper shall include; (a) a cost ROM for a base contract to provide a competitively judged system level concept design and work towards a preliminary design review, (b) a ROM for a first option, to include S&T tailored system level preliminary and critical design reviews and developmental testing to support trade studies and approved long lead item purchases and (c) a ROM for a second option for the fabrication of prototype hardware and software, with demonstrations in relevant environments, per Section I, paragraph F. entitled “Research Opportunity Description”.

b. FULL PROPOSALS

The following documents with attachments comprise a complete proposal package:

- (1) Proposal Checklist
- (2) Technical Proposal Template (Word)
- (3) Cost Proposal Spreadsheet (Excel)
- (4) Adequacy Checklist for Pre-Award Audit (SF1408) (as applicable)
- (5) Stand-alone non-proprietary Statement of Work (SOW) in Word Format

Items 1 – 5 above are located at: <http://www.onr.navy.mil/Contracts-Grants/submit-proposal/contracts-proposal/>. All have instructions imbedded into them that will assist in completing the documents. Also, both the Proposal Checklist and the Cost Proposal Spreadsheet require completion of cost-related information. Please note that attachments can be incorporated into the Proposal Checklist.

Offerors that receive a request to submit full proposals shall provide sufficient information to persuade the Government that the proposed project represents an innovative approach to achieving HARP program objectives. In addition to addressing the required White Paper technical content with increased fidelity and supporting information, the Full proposal should include an Integrated Master Schedule (IMS) and a description of the Offeror’s Risk Mitigation Plan. Risk relative to the production expendable’s ability to pass Insensitive Munitions testing for shipboard qualification should be addressed. The full proposal should describe how the Offeror’s system design and architecture follows the practices and requirements of the DoD manual 4145.26-M, DoD Contractor’s Safety Manual for Ammunition and Explosives implementing general weapon safety principals (as applicable, see DFARS 223.370-5 and DFARS 252.223-7002).

Offerors responding to this BAA must submit a separate list of all technical data or computer software that will be furnished to the Government with other than unlimited rights. The Government will assume unlimited rights if offerors fail to identify any intellectual property restrictions in their proposals. Include in this section all proprietary claims to results, prototypes, and/or deliverables. If no restrictions are intended, then the offeror should state “NONE.”

The format requirements for any attachments are as follows:

- Paper Size- 8.5 x 11 inch paper
- Margins – 1 inch
- Spacing- single or double spaced
- Font- Times New Roman, 12 point

For proposed subcontracts or inter-organizational transfers over \$150,000, Offerors must provide a separate fully completed Cost Proposal Spreadsheet in support of the proposed costs. This spreadsheet, along with supporting documentation, must be provided either in a sealed envelope with the prime's proposal or via e-mail directly to both the Program Officer and the Business Point of Contact at the same time the prime proposal is submitted. The e-mail should identify the proposal title, the prime Offeror and that the attached proposal is a subcontract, and should include a description of the effort to be performed by the subcontractor.

Offerors should submit one (1) electronic copy on CD-ROM as discussed with the cognizant Program Officer, of their proposal package. The electronic copy should be submitted in a secure, pdf-compatible format, except for the electronic file for the Cost Proposal Spreadsheet which must be submitted in a Microsoft Excel 2007 compatible format and the Statement of Work Template which must be submitted in Microsoft Word format. All attachments should be submitted in a secure, pdf-compatible format.

The secure pdf-compatible format is intended to prevent unauthorized editing of the proposal prior to any award. **A password should not be required for opening the proposal document, but the Government must have the ability to print and copy text, images, and other content.**

Offerors may also submit their Technical Proposal Template in an electronic file that allows for revision (preferably in Microsoft Word) to facilitate the communication of potential revisions. Should an Offeror amend its proposal, the amended proposal should be submitted following the same hard and electronic copy guidance applicable to the original proposal.

Any proposed options that are identified in the Technical Proposal Template or Proposal Checklist documents, but are not fully priced out in the Cost Proposal Spreadsheet, will not be included in any resulting contract, cooperative agreement, or other transaction. If proposing options, they **must** be separately priced and separate spreadsheets should be provided for the base period and each option. In addition to providing summary by period of performance (base and any options), the Contractor is also responsible for providing a breakdown of cost for each task identified in the Statement of Work. The sum of all costs by task worksheets **MUST** equal the total cost summary.

The electronic submission of the Excel spreadsheet should be in a "useable condition" to aid the Government with its evaluation. The term "useable condition" indicates that the spreadsheet should visibly include and separately identify within each appropriate cell any and all inputs, formulas, calculations, etc. The Offeror should not provide "value only spreadsheets" similar to a hard copy.

Fixed Fees on ONR Contracts: The Government Objective is set in accordance with the DFARS 215.404-71. See the below table for range and normal values:

Contract Risk Factor	Contract Type	Assigned Value (Normal range)	Normal Value
Technical (1)		3% - 7% (2)	5%
Management/Cost Control (1)		3% - 7% (2)	5%
Contract Type Risk	Cost Plus Fixed Fee	0% - 1% (2)	0.5%

1. Assign a weight (percentage) to each element according to its input to the total performance risk. The total of the two weights equal 100 percent.
2. Assign a weighting score relative to the Risk Factor.
3. Depends on the specific Contract Type (With/without financing, performance-based payments, and/or progress payments).
4. Depends on the specific Contract Type.

Technology Incentive (TI) is rarely utilized at ONR, because the contracts issued by ONR typically are not eligible for TI (See DFARS 215.404-71-2(c)(2)). Any consideration of TI requires strong and convincing justification in the proposal, which are then subject to negotiation and determination of a fair and reasonable fee, within the context of the specific award.

Typically the range of fee is 5% to 7.5% on an ONR awarded contract.

For submission instructions, see. Section IV. Application and Submission Information.

C. Significant Dates and Times –

Event	Date	Time
White Paper Due Date	10/05/2015	3:00 PM Eastern Standard Time
Notification of White Paper Evaluation*	11/03/2015	
Full Proposal Due Date	12/21/2015	3:00 PM Eastern Standard Time
Notification of Selection: Full Proposals*	01/29/2016	
Awards*	July/August 2016	

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

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. Materials submitted through the U.S. Postal Service, for example, may take seven days or more to be received, even when sent by Express Mail. Thus any hard-copy proposal should be submitted long enough before the deadline established in the solicitation so that it will not be received late and thus be ineligible for award consideration.

D. Submission of Late Proposals -

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.

E. Address for the Submission of White Papers and Full Proposals for Contracts

White Papers are to be e-mailed to the primary technical point of contact (POC), Roger Sullivan at roger.sullivan@navy.mil . Full Proposals for contracts shall be mailed to the Office of Naval Research at the following address:

Primary Point of Contact	Secondary
Office of Naval Research Attn: Dr. Roger M. Sullivan ONR Department Code: 352 875 North Randolph Street - Suite W926A Arlington, VA 22203-1995	None

V. EVALUATION INFORMATION

A. Evaluation Criteria

Awards under this BAA will be made to proposers on the basis of the evaluation criteria listed below, and program balance to provide overall value to the Government. The Government reserves the right to request any additional, necessary documentation once it makes the award instrument determination. The Government reserves the right to remove proposers from award consideration should the parties fail to reach agreement on award terms, conditions, and cost/price within a reasonable time, or the proposer fails to timely provide requested additional information.

In accordance with FAR 35.016(e), the primary basis for selecting proposals for acceptance shall be technical, importance to agency programs, and fund availability. Cost realism and reasonableness shall also be considered to the extent appropriate. Therefore, evaluations will be conducted using the following evaluation criteria.

Criteria 1 through 5 apply to the White Paper evaluation, full proposal evaluations, and evaluations for exercise of the first (1st) and second (2nd) options. It is anticipated that at each subsequent evaluation the level of fidelity of supporting information will increase. Criteria 6 will be applied to the full proposal evaluation and evaluation for award of the first (1st) and second (2nd) options.

1. Overall scientific and technical merits of the proposal.

The government will assess the overall scientific and technical merit of the Offeror's concept and design approach, including adequacy, feasibility and credibility of its predicted performance to meet the program objective: defeating an RPG with a hard-kill expendable launched from an AN/ALE-47 CMDS. The Offeror's ability to describe the overall system performance will be a driving factor in the government's evaluation of the technical approach.

2. Operational suitability of proposed system for a CH-53K and/or an MV-22.

This factor assesses the potential for the Offeror's HARP design approach to provide capabilities relevant for the Navy missions and system architecture suitable for integration onto current and future rotary-wing and tilt-rotor aircraft. The Government will assess the extent to which the proposed design, program plan and deliverables will produce data and performance traceable to a potential operational system on a Navy rotary wing or tilt-rotor aircraft, such as a CH-53K or an MV-22; e.g.

- a) Size Weight and Power (SWAP)
- b) Compatibility with existing/planned Aircraft Survivability Equipment (ASE)
- c) Shipboard compatibility of energetic materials

3. Design maturity and risk reduction approach to executing the HARP FNC Product program plan within cost and schedule.

4. Program execution plan; the Offeror's capabilities, related experience, facilities, and key personnel.

During the white paper evaluation, the overall programmatic approach will be reviewed to assess the extent to which the proposed program, schedule and teaming approach (as applicable) demonstrates that the Offeror has a vision for credibly achieving HARP goals during the eight (8) month base contract, fourteen (14) month first option and eighteen (18) month second option.

For the evaluation of the full proposal, the Government will assess the systems engineering approach, management approach, program team and key personnel and the extent to which the proposed SOW and IMS are credible, executable and address HARP objectives.

5. Projected affordability transitioning HARP technology onto a CH-53K after completion of the FNC.

Under this factor, data rights assertions will be evaluated and measured against the government's desire to maximize OSA principles and practices.

6. The realism of the proposed costs.

The objective of the cost realism criterion is to establish that the proposed costs are realistic and reasonable for the technical and management approach offered, as well as to determine the Offeror's practical understanding of the total program effort.

Criteria 1 - 4 above are more important than Criteria 5 - 6, and Criteria 1 - 4 are of equal value and criteria 5 and 6 are of equal value. Criteria 6 will not apply to the White Paper evaluation.

The ultimate recommendation for award of proposals is made by ONR's scientific/technical community. Recommended proposals will be forwarded to the ONR contracts department. Any notification received from ONR that indicates that the Offeror's full proposal has been recommended, does not ultimately guarantee an award will be made. This notice indicates that the proposal has been selected in accordance with the evaluation criteria above and has been sent to the contracting department to conduct cost analysis, determine the offeror's responsibility, and take other relevant steps necessary prior to commencing negotiations with the offeror.

B. Commitment to Small Business

The Office of Naval Research is strongly committed to providing meaningful subcontracting opportunities for small businesses, small disadvantaged businesses (SDBs), woman-owned small businesses (WOSBs), historically underutilized business zone (HUBZone) small businesses, veteran-owned small business (VOSBs), service disabled veteran-owned small businesses (SDVOSBs), historically black colleges and universities, and minority institutions, and other concerns subject to socioeconomic considerations through its awards.

Businesses unfamiliar with doing business with the government and that require assistance may contact the state-specific Department of Defense (DoD) Procurement Technical Assistance Center (PTAC). DoD PTACs serve as a resource for businesses pursuing and performing under contracts with DoD, other federal agencies, state and local governments and with government prime contractors. Assistance provided by the PTACs is usually free of charge. PTAC support includes registration in systems such as SAM, identification of contract opportunities, understanding requirements and preparing and submitting proposals. The PTACs have a presence in each state, Puerto and Guam. To locate a local PTAC visit:

<http://www.dla.mil/SmallBusiness/Pages/ProcurementTechnicalAssistanceCenters.aspx> or <http://www.aptac-us.org/new/> .

1) Subcontracting Plan - For proposed awards to be made as contracts that exceed \$650,000, large businesses and non-profits (including educational institutions) shall provide a Subcontracting Plan (hereafter known as the 'Plan') that contains all elements required by FAR Subpart 19.704, FAR 52.219-9 and as supplemented by DFARS 252.219-7003.

NOTE: Small businesses are exempt from this requirement.

The Plan must be submitted as an attachment to the "Proposal Checklist" and will not be included in the page count. If a company has a Master Subcontracting Plan, as described in FAR 19.701 or a Comprehensive Subcontracting Plan, as described in DFARS 219.702, a copy of the Plan shall also be submitted as an attachment to the "Proposal Checklist".

Plans will be reviewed for adequacy, ensuring that the required information, goals, and assurances are included. FAR 19.702 require the apparently successful offeror to submit an acceptable Plan. If the apparently successful offeror fails to negotiate a Plan acceptable to the contracting officer within the time limit prescribed by the contracting officer, the offeror will be ineligible for award.

Offerors shall propose a plan that ensures small businesses (inclusive of SDBs, WOSBs, HUBZone, VOSBs and SDVOSBs, etc...) will have the maximum practicable opportunity to participate in contract performance consistent with its efficient performance.

As a baseline, offerors shall to the best extent possible propose realistic goals to ensure small business participation in accordance with the current or most recent fiscal year subcontracting goals found on the DoD Office of Small Business Program website at: <http://www.acq.osd.mil/osbp/>. If proposed goals are below the statutory requirements, then the offeror shall include in the Plan a viable written explanation as to why small businesses are unable to be utilized and what attempts were taken to ensure that small business were given the opportunity to participate in the effort to the maximum extent practicable.

2) Small Business Participation Statement –

If subcontracting opportunities exist, all prime Offerors shall submit a Small Business Participation Statement regardless of size in accordance with DFARS 215.304 when receiving a contract for more than the simplified acquisition threshold (i.e., \$150,000). All offerors shall provide a

statement of the extent of the offeror's commitment in providing meaningful subcontracting opportunities for small businesses and other concerns subject to socioeconomic considerations through its awards and must agree that small businesses, VOSBs, SDVOSBs, HUBZones, SDBs, and WOSBs concerns will have to the maximum practicable opportunity to participate in contract performance consistent with its efficient performance.

This assertion will be reviewed to ensure that it supports this policy by providing meaningful subcontracting opportunities. The statement should be submitted as a part of the proposal package and will not be included in the page count.

3) Subcontracting Resources –

Subcontracting to a prime contractor can be a good way to participate in the contracting process. The following is a list of potential resources that may assist in locating potential subcontracting partners/opportunities:

- Companies Participating in DoD Subcontracting Program Report
- DAU Small Business Community of Practice (SB COP)
- DefenseLink = \$6.5M Award Notices
- DoD OSBP Prime Contractors and Subcontractors with Subcontracting Plans
- Dynamic Small Business Search
- Electronic Subcontracting Reporting System (eSRS)
- Federal Business Opportunities (FEDBIZOPPS)
- Navy SBIR/STTR Search – Website or Brochure
- DoD Procurement Technical Assistance Centers (PTAC)
- Small Business Administration (SBA) Subcontracting Opportunities Directory
- SBA Subnet

For a description and associated websites visit the ONR Office of Small Business webpage at: <http://www.onr.navy.mil/Contracts-Grants/small-business.aspx>.

For example, in accordance with FAR Subpart 5.206, entities may transmit a notice to a Government Point of Entry (GPE) to seek competition for subcontracts and to increase participation by qualified HUBZone small business, small, small disadvantaged business, women-owned small business, veteran-owned small business and service-disabled veteran-owned small business concerns is encouraged, and to meet established subcontracting plan goal as follows:

- (a) A contractor awarded a contract exceeding \$150,000 that is likely to result in the award of any subcontracts; and
- (b) A subcontractor or supplier, at any tier, under a contract exceeding \$150,000, that has a subcontracting opportunity exceeding \$15,000.

The notices must describe-

- (a) The business opportunity;
- (b) Any prequalification requirements; and
- (c) Where to obtain technical data needed to respond to the requirement.

An example of a GPE is the SBA SUB-Net which is a place in which prime contractors may post solicitations or sources sought notices for small business. The SUB-Net database provides a listing of subcontracting solicitations and opportunities posted by large prime contractors and other non-federal agencies.

C. Options

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

D. Evaluation Panel

Technical and cost proposals submitted under this BAA will be protected from unauthorized disclosure in accordance with FAR 3.104-4 and 15.207. The cognizant Program Officer and other Government scientific experts will perform the evaluation of technical proposals. Restrictive notices notwithstanding, one or more support contractors may be utilized as subject-matter-expert technical consultants and administrative support. However, proposal selection and award decisions are solely the responsibility of Government personnel. Each support contractor's employee having access to technical and cost proposals submitted in response to this BAA will be required to sign a non-disclosure statement prior to receipt of any proposal submissions.

VI. AWARD ADMINISTRATION INFORMATION

- A. North American Industry Classification System (NAICS) code - The NAICS code for this announcement is "541712" with a small business size standard of "500 employees".
- B. System for Award Management (SAM): All Offerors submitting proposals or applications must:
 - 1) be registered in the SAM prior to submission;
 - 2) maintain an active SAM registration with current information at all times during which it has an active Federal award or an application under consideration by any agency; and
 - 3) provide its DUNS number in each application or proposal it submits to the agency.

SAM may be accessed at <https://www.sam.gov/portal/public/SAM/>.

C. Access to your Contract Award

All Office of Naval Research (ONR) award/modification documents are available via the Department of Defense (DoD) Electronic Document Access System (EDA) within the WideArea WorkFlow e-Business Suite (<https://wawf.eb.mil/>).

EDA is a Web-based system that provides secure online access, storage and retrieval of awards and modifications to DoD employees and vendors.

If you do not currently have access to EDA, you may complete a self-registration request as a "Vendor" via <https://wawf.eb.mil/> following the steps below:

1. Click "Accept"
2. Click "Register" (top right)
3. Click "Agree"
4. In the "What type of user are you?" drop down, select "Vendor"
5. Select the systems you would like to access (iRAPT at a minimum)
6. Complete the User Profile and follow the site instructions

Allow five business days for your registration to be processed. EDA will notify you by email when your account is approved.

To access awards after your registration has been approved, log into <https://wawf.eb.mil/>, select "EDA", select either EDA location, Select "Contracts", select your search preference, enter the Contract Number (or, if applicable, enter the Grant Number in the Contract Number field), and select "View".

Registration questions may be directed to the EDA help desk toll free at 866-618-5988, commercial at 801-605-7095, or via email at disa.ogden.esd.mbx.cscassig@mail.mil (Subject: EDA Assistance).

VII. OTHER INFORMATION

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

Government research facilities and operational military units are available and should be considered as potential government-furnished equipment/facilities. These facilities and resources are of high value and some are in constant demand by multiple programs. It is unlikely that all facilities would be used for any one specific program. The use of these facilities and resources will be negotiated as the program unfolds. Offerors submitting proposals for contracts should indicate in the Proposal Checklist, Section II, Blocks 8 and 9, which of these facilities are critical for the project's success. Offerors submitting proposals for grants should address the need for government-furnished facilities in their technical proposal.

B. Use of Arms, Ammunition and Explosives

Safety

The Offeror is required to be in compliance with DoD manual 4145.26-M, *DoD Contractor's Safety Manual for Ammunition and Explosives* if ammunitions and/or explosives are to be utilized under the proposed research effort. (See DFARS 223.370-5 and DFARS 252.223-7002)

If ammunitions and/or explosives (A&E) are to be utilized under the proposed research effort, the Government requires a preaward safety survey in accordance

with DFARS PGI 223.370-4(C)(iv) entitled *Preaward survey*. The Offeror is solely responsible for contacting the cognizant DCMA office and obtaining a required preaward safety survey before proposal submission. The Offeror should include required preaward safety surveys with proposal submissions.

If the Offeror proposes that the Government provide Government-furnished A&E containing any nitrocellulose-based propellants and/or nitrate ester-based materials (such as nitroglycerin,) or other similar A&E with a tendency to become chemically unstable over time, then NMCARS 5252.223-9000 will also apply to a resulting contract award. (See NMCARS 5223.370-5)

Security

If arms, ammunition and explosives (AA&E) are to be utilized under the proposed research effort, the Government requires a preaward security survey. The Offeror is solely responsible for contacting the cognizant DCMA office and obtaining a required preaward security survey before proposal submission. The Offeror should include a required preaward security survey with proposal submission. (See DoD manual 5100.76-M, *Physical Security of Sensitive Conventional Arms, Ammunition and Explosives*, paragraph C1.3.1.4)

If AA&E are to be utilized under the proposed research effort, the Government may require the Contractor to have perimeter fencing around the place of performance in accordance with DoD 5100.76-M, Appendix 2.

If AA&E are to be utilized under the research effort, the Offeror is required to provide a written copy of the Offeror's AA&E accountability procedures in accordance with DoD 5100.76-M. If the Offeror is required to provide written AA&E accountability procedures, the Offeror should provide the respective procedures with its proposal submission. See DoD 5100.76-M Appendix 2.12.

C. System for Award Management (SAM)

FAR 52.204-7 System for Award Management and FAR 52.204-13 System for Award Management Maintenance are incorporated into this BAA, and FAR 52.204-13 will be incorporated in all awards.

D. Employment Eligibility Verification

As per FAR 22.1802, recipients of FAR-based procurement contracts must enroll as Federal Contractors in E-verify and use E-verify to verify employment eligibility of all employees assigned to the award. All resultant contracts from this solicitation will include FAR 52.222-54, "Employment Eligibility Verification."

E. FAR / DFARS Clauses

The following are examples of clauses that may be incorporated into an ONR contract:

#	Provision
52.204-7	System for Award Management
52.215-16	Facilities Capital Cost of Money
52.215-22	Limitations on Pass Through Charges - Identification of Subcontract Effort
52.216-1	Type of Contract
52.216-27	Single or Multiple Awards
52.217-4	Evaluation of Options Exercised at time of Contract Award
52.217-5	Evaluation of Options
52.222-24	Preaward On-Site Equal Opportunity Compliance Evaluation (Applies if exceeds \$10M)
25.226-2	Historically Black College or University and Minority Institution Representation
52.230-7	Proposal Disclosure - Cost Accounting Practice Changes
52.232-15	Progress Payments not included
52.233-2	Service of Protest
52.252-1	Solicitation Provisions Incorporated by Reference
52.252-3	Alterations in Solicitation
52.252-5	Authorized Deviations in Provisions
252.203-7005	Representation Relating to Compensation of Former DoD Officials
252.204-7004	Alternate A, System for Award Management
252.215-7003	Requirements for Submission of Data Other than Certified Cost or Pricing Data - Canadian Commercial Corporation

F. Combating Trafficking in Persons

Appropriate language from FAR Clause 52.222-50 will be incorporated in all awards.

Certification Regarding Trafficking in Persons Compliance Plan

Prior to award of a contract, for the portion of the contract that is for supplies, other than commercially available off-the-shelf items, to be acquired outside the United States, or services to be performed outside the United States, and which has an estimated value that exceeds \$500,000, the contractor shall submit the certificate as specified in paragraph (c) of 52.222-56, Certification Regarding Trafficking in Persons Compliance Plan.

G. Updates of Information regarding Responsibility Matters

FAR clause 52.209-9, Updates of Publicly Available Information Regarding Responsibility Matter, will be included in all contracts valued at \$500,000 where the contractor has

current active Federal contracts and grants with total value greater than \$10,000,000.

H. Security Classification

In order to facilitate intra-program collaboration and technology transfer, the Government will attempt to enable technology developers to work at the unclassified level to the maximum extent possible. Normally, work done under a grant does not require access to classified material. If it is determined that access to classified information will be required during the performance of an award, a Department of Defense (DD) Form 254 will be attached to the contract; and FAR 52.204-2 - Security Requirements will be incorporated into the contract. The Offeror must clearly identify such need by completing Section II, Block 11, DD 254 – Security Classification Specification, of the Proposal Checklist.

If it is determined that access to classified information will be required during the performance of an award, a Department of Defense (DD) Form 254 will be attached to the contract; and FAR 52.204-2 – Security Requirements will be incorporated into the contract.

I. Organizational Conflicts of Interest

All Offerors and proposed subcontractors must affirm whether they are providing scientific, engineering, and technical assistance (SETA) or similar support to any ONR technical office(s) through an active contract or subcontract. All affirmations must state which office(s) the offeror supports and identify the prime contract numbers. Affirmations shall be furnished at the time of proposal submission. All facts relevant to the existence or potential existence of organizational conflicts of interest (FAR 9.5) must be disclosed. The disclosure shall include a description of the action the offeror has taken or proposes to take to avoid, neutralize, or mitigate such conflict. In accordance with FAR 9.503 and without prior approval, a contractor cannot simultaneously be a SETA and a research and development performer. Proposals that fail to fully disclose potential conflicts of interests or do not have acceptable plans to mitigate identified conflicts will be rejected without technical evaluation and withdrawn from further consideration for award. Additional ONR OCI guidance can be found at <http://www.onr.navy.mil/About-ONR/compliance-protections/Organizational-Conflicts-Interest.aspx>. If a prospective offeror believes that any conflict of interest exists or may exist (whether organizational or otherwise), the offeror should promptly raise the issue with ONR by sending his/her contact information and a summary of the potential conflict by e-mail to the Business Point of Contact in Section I, item 7 above, before time and effort are expended in preparing a proposal and mitigation plan. If, in the sole opinion of the Government after full consideration of the circumstances, any conflict situation cannot be effectively avoided, the proposal may be rejected without technical evaluation and withdrawn from further consideration for award under this BAA.

J. Project Meetings and Reviews

Individual program reviews between the ONR sponsor and the performer may be held

as necessary. Program status reviews may also be held to provide a forum for reviews of the latest results from experiments and any other incremental progress towards the major demonstrations. These meetings will be held at various sites throughout the country. For costing purposes, offerors should assume that 40% of these meetings will be at or near ONR, Arlington VA and 60% at other contractor or government facilities. (This statement does not apply to international offerors submitting proposals to ONRG. International offerors should contact the cognizant ONRG Administrative Director (AD) for guidance prior to submitting a proposal.) Interim meetings are likely, but these will be accomplished via video telephone conferences, telephone conferences, or via web-based collaboration tools.

K. Reporting Executive Compensation and First-Tier Subcontract Awards:

The FAR clause 52.204-10, "Reporting Executive Compensation and First-Tier Subcontract Awards," will be used in all procurement contracts valued at \$25,000 or more.

L. Other Guidance, Instructions, and Information

The government's plan is to acquire a quantity of RPGs, which will be available for risk reduction testing as well as arena and tethered hover demonstrations. Risk reduction and arena testing may occur at government or contractor facilities. Arms, ammunition, and explosive support required should be specified in the full proposals and will be negotiated based on materials and funding available.