

Frequently Asked Questions #1 for BAA 07-037
“Expeditionary Maneuver Warfare Applied Research and Advanced Technology Development”
31 July 2007

1. Are other government agencies, labs, etc., excluded from teaming with Contractors or bidding on the BAA?

A: No. In Section III of this BAA entitled, *Eligibility Information*, the first paragraph says “All responsible sources may submit a proposal, which shall be considered by the Agency.” Also, paragraph three states, “For purposes of this announcement please note that Government Entities are encouraged to participate in industry-led teams under this BAA and team with other public or private organizations, as appropriate.”

2. On page 19 of the solicitation, in the section entitled *Content and Format of White Papers/Full Proposals*, it indicates that one electronic copy of the white paper be submitted via e-mail. On page 26, in the section entitled *Address for the Submission of Electronic White Papers and Hard Copy White Papers and Full Proposals*, it indicates that a hard copy white paper be mailed as well. Is ONR expecting an electronic copy white paper (via e-mail) and a hard copy white (via regular mail) or only the electronic copy?

A: No. A hard copy white paper is not required with an electronic white paper submission.

3. The submission requirements for White Papers state that an electronic copy is necessary. Since the White Papers may contain technical and proprietary information, there are restrictions from sending the White Paper over the Internet. Does the ONR Technical Point of Contact have encryption software, or should a CD with the hard copy be sent?

A: Offerors may submit a password protected Word file and call the ONR Technical Point of Contact with the password or a CD may be mailed. Either option is acceptable.

4. In responding to Thrust Area 2 - **Intelligence, Surveillance, & Reconnaissance (ISR)**, Area of interest # 4, *Exposing Hidden Enemy Networks*, does the response need to address both areas A and B, or may we focus on one of the two?

A: You may focus on either one, or both areas.

5. Concerning Thrust Area 7 – **Firepower**, Area 3 (Warhead Enhancement Technologies) on page 15 of this BAA, is ONR interested only in technologies from a physical standpoint for a scalable munition? Physical means being the mechanical aspects of tuning the warhead, i.e. preignition or delfragration of part of the HE load. If not limited to the mechanics, is ONR soliciting ideas on the algorithms required to scale the warhead to its intended target, i.e. map the required yield to a particular target type, size, and/or construction and interface to the mortar round to control the yield?

A: At this time, ONR is pursuing the physical approach.

6. Regarding Thrust Area 6 – **Maneuver**, Area of interest #2, does ONR have interest in receiving white papers on any technologies ‘to improve the survivability of both current and future tactical and combat vehicles’ or is there only interest in seating and restraint systems? If

so, can any further guidance be provided as to what areas are of particular interest (e.g. armor, shock mitigation, etc.)?

A: Yes. ONR is interested in armor and other survivability technologies, especially those related to EFP defeat.

7. Concerning Thrust Area 1 – **Command, Control, Communications, and Computers (C4)**, paragraph 3 states, “One-year applied research and advanced technology development.” However, Section II entitled, *Award Information*, states that the period of performance is up to 36 months. Please clarify.

A: For Thrust Area 1 – **C4**, the expected period of performance is one year.

8. Any preference to the integrated technologies and systems demonstration and combining multiple of need items in Thrust Area 1 - **C4**, such as A – C in paragraph 3, for Autoconfigured Tactical Networking with airborne internetworking and SATCOM? Otherwise, the individual technology development is sufficient for now since this is limited to one-year research and development?

A: Offerors are free to propose a single technical area or any combination of technical areas.

9. It is assumed that offerors can select any or all items in Thrust Area 1 – **C4**, paragraph 3, for white paper submission. Should the applied research and advanced technology development be completed in one-year?

A: Yes. The expected period of performance is one year.

10. If offerors address multiple items in Thrust Area 1 – **C4**, paragraph 3, can we assume multiple years to complete the research and development?

A: No. Any single, or any combination of technical areas selected from this research area are expected to be completed within one year.

11. Some of the needs in Thrust Area 1 – **C4**, can be addressed by our current technologies being developed for ONR. How can we leverage them in this BAA program?

A: Prospective offerors are free to leverage any technology they might see fit.

12. From Section II, *Award Information* (page 17), Funding Type states, "Budget Activity 1 (Basic Research), Budget Activity 2 (Applied Research), and Budget Activity 3 (Advanced Technology Development)." Can this be interpreted as 6.1, 6.2, and 6.3 research, respectively, so that I can guess the TRL levels accordingly that ONR requires?

A: Correct. Basic research is 6.1; applied research is 6.2; and 6.3 is advanced technology development.

13. In Section IV, *Application and Submission Information*, paragraph 2 entitled, “White Paper Content,” the Programmatic Section for milestones and deliverables typically do not take a whole page. In that case, can we use the remaining space to describe Technical Concept beyond the 3-page limit, but within the total 6-page limit?

A: No. Offerors must adhere to page limits for each individual section and for total page count.

14. With regard to submitting a white paper, one of the evaluation criteria in section V.1 calls for “The Offeror’s capabilities, related experience and past performance.” Section IV, *Application and Submission Information*, paragraph 2 entitled, “White Paper Content” (page 20), does not appear to have an explicit section for this type of information. In what section of the white paper should we include corporate capabilities, related experience, and past performance?

A: In section IV – *Application and Submission Information*, the paragraph entitled *White Paper Content*, lists the areas which must be addressed in the white papers. Since the information for evaluation criteria C - “The Offeror’s capabilities, related experience and past performance” is not listed as part of the white paper content, it is not required in the submission of white papers. The evaluation criteria stated in Section C pertains to full proposals (See the section entitled *Full Proposal Content*).

15. Concerning Thrust Area 2 – **ISR**, paragraph 3 (C) and paragraphs 4 -5, who or what type of an end user would be for this section (Phase 1, 2, 3, etc.)?

A: For Thrust Area 2 – **ISR**, paragraph 3 (C), the end user would be tactical expeditionary unit commanders. For paragraphs 4 and 5, the end user would be Intel analysts.

16. In Thrust Area 1 – **C4**, Interest #1 – “Advanced Tactical Sensor Technology,” the BAA refers to “identification of specific entities at the tactical level.” By “entity” do you mean a specific target vehicle? For example: we know that a particular terrorist drives around in a white Toyota pickup. There are many such vehicles in his area of operation, but we want to find out what is the specific acoustic or IR signature of his vehicle is so that we can recognize it among all white Toyota pickup trucks.

A: An entity can be a person or a vehicle.

17. Thrust Area 4, Area of Interest 1a: “Advanced Development of a Multi-Fuel, Lightweight, quiet, 250W prototype battery charger ...” appears to be very similar to needs expressed in last years ONR BAA 06-023: Single Person Portable, JP-8 Fueled Advanced Power Generation Technology Development and Demonstration. Please comment on the similarities and differences between these two BAA solicitations. What has motivated ONR to re-issue the topic under this new BAA?

A: This BAA, 07-037, is focused toward a device capable of producing power in a range that is less than half that of the broad power range covered by BAA 06-023. For some technologies, the size difference is important, whereas for others it isn't. BAA 07-037 emphasizes the use of UNMODIFIED JP-8. Furthermore, technical advancement has occurred since BAA 06-023 was closed, which may change the relative merits of alternative approaches.

18. We have recently submitted a white paper in response to the ONR BAA solicitation 07-039. It seems that this BAA is very relevant to our research as well. Will it be appropriate to resubmit the same white paper to this BAA as well?

A: Yes. It is ok to resubmit the same white paper for this BAA.

19. Does this program allow multiple Principle Investigators?

A: Yes. Multiple Principle Investigators are allowed.