

Amendment 0002  
Questions and Answers

Broad Agency Announcement (BAA) 10-012

Electronics Technology

The purpose of this amendment is to provide answers to questions.

**Question 1:** Under the Section IV- Application and Submission Information, sub section 2 addresses “White Paper Content”. In part number 8, second line, please could you clarify what is meant by cost category? Please could you tell us exactly what the cost categories are so that we may accurately prepare the cost summary? For example are you looking for labor categories broken down by the specific Labor Role i.e. Senior Engineer/ Member of Technical Staff (this is our understanding) or do you need total labor dollars, material dollars and travel dollars and program dollars broken down (this is what we have provided on past White Papers)

**Answer 1:** Cost category refers to the type of cost (i.e. direct labor, materials, G&A, other indirect costs, subcontracts, travel, etc.). The cost categories should be specific to your company. A more detailed breakdown of the costs is not required for the whitepaper submission. Please follow the instructions for the white paper content.

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**Question 2:** On page 8 of the above referenced BAA, under the heading “White Paper Format” one of the bullets lists the maximum number of pages permitted as seven, excluding cover page, resumes, bibliographies and table of contents. Then under section 9 of the “White Paper Content” asks for CV of the primary investigator and past performance on similar programs, not to exceed 1 page. Does the information requested in section 9 count towards the 7 page limit?

**Answer 2:** Resumes or Curriculum Vitae (CV) of the primary investigator and co-investigator do not count towards the 7 page limitation.

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**Question 3:** Will the program support single-PI university projects or is it strongly encouraged for a university group to team up with industry?

**Answer 3:** Both are acceptable, but be aware that one of the selection criteria is evidence of thought given to how the work would transition into products the fleet could buy and what operational benefit they would produce.

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**Question 4.** The original BAA mentioned the interested frequency is anywhere from HF to C-band, does that mean a single system has to cover the complete frequency range from HF to C-band or multiple transmitters/receivers can be used?

**Answer 4:** The goal is to have a fully unified, coherently clocked system that spans the entire band instantaneously. Technology is closer to that goal on Tx than Rx today, but approaches that explicitly rely on narrow banding the signals will be disfavored.

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**Question 5:** Would proposing a multi-octaves solution for 18GHz to 94GHz be of interest of this program?

**Answer 5:** This range is less interesting than lower where signal density is higher and power levels larger, but a proposal that substantially enables simultaneous signals in exactly the same, arbitrary sub band of this range might be of interest.