

ONR FOA Announcement #N00014-16-R-F013
Amendment 0002
Questions and Answers
As of 13 July 2016

Questions received to date and their responses are as follows (similar questions are not repeated):

Question 1: Will Ultrashort Pulse Lasers (femtosecond lasers) be accepted in the proposals?

Answer 1: Yes. Though current high energy laser technology typically uses continuous wave lasers, ultrashort pulse lasers will certainly be considered in the call for proposals. This includes proposals that deal only with ultrashort pulse lasers, as well as those combining ultrashort pulse lasers with ns pulse lasers, longer pulse lasers and continuous wave lasers. The technology must show the potential to increase lethality and laser system effectiveness over current continuous wave technology.

Question 2: Will longer wavelength infrared lasers be considered?

Answer 2: Yes. Current high energy laser technology is typically in the 1 micron wavelength region. As stated in the call, there is interest in retina-safe high energy laser technology. If proposers wish to use longer infrared wavelengths alone or in conjunction with a 1 micron system, the proposal must show a path to a practical implementation of the technology that will increase lethality or laser system effectiveness over current 1 micron laser technology.

Question 3: Can a Federally Funded Research and Development Center (FFRDC), small business, government laboratory, or foreign university apply for these grants?

Answer 3: No. These grants are for domestic educational institutions, universities and teams of universities in the United States. Proposers may have teaming relationships with military laboratories, FFRDCs, businesses, and other institutions, as described in Part III. Eligibility Information of this FOA. Recommend FFRDCs and other laboratories/institutions review the sponsoring agreement they have with the Government.

Question 4: My technology fits very well with one branch of the armed services but not with the others. Should I send in a proposal?

Answer 4: No. The High Energy Laser Joint Technology Office is chartered to develop high energy laser technology that can apply to more than one service. If your technology is only going to be useful to a single service, it is best to work through the research office of that service, and not through the High Energy Laser Joint Technology Office.

Question 5: What should be the role of students in these grants?

Answer 5: Part of the purpose of these grants is to help fulfill the educational mission of the High Energy Laser Joint Technology Office. Proposals should include support for students performing research, and can include both graduate and undergraduate students. Funding should not be solely for professors, post-doctorate researchers, or other university staff.

Question 6: Is beam combining of semiconductor lasers of interest?

Answer 6: Yes. Beam combining of semiconductor lasers, or combining other types of lasers, is of interest. The technology must show the potential to increase lethality and laser system effectiveness over current fiber laser combined systems, or other current high energy laser systems.

Question 7: What is the expected timeframe for transition for the technologies in this call for proposal?

Answer 7: The development of fundamental research always carries risks, and there are no guarantees of any new technology succeeding. It is hoped that successful research from these proposals might be able to transition to the field in ~10-20 years.

Question 8: Regarding the Technical Proposal page limit, are the references included in the 10 page maximum?

Answer 8: No. The cover page, table of contents, curriculum vitae, references and the current/pending project submissions are NOT INCLUDED in the Technical Proposal 10 page maximum. Please refer to Amendment 0001.