

QUESTIONS AND ANSWERS

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I. FREQUENTLY ASKED QUESTIONS:

Q1. If I have questions about this funding announcement, who do I contact?

ANSWER: Please see the FOA guidance on submitting FOA content questions and response publication. Applicants may submit questions regarding this ARPA-E's Funding Opportunity Announcement (FOA) to ARPA-E-CO@hq.doe.gov. All emails must include the FOA name and number in the subject line. The cover page and Executive Summary of the Funding Opportunity Announcement state the deadlines for submitting questions to ARPA-E-CO@hq.doe.gov.

Q2. How will I receive a response to questions submitted to [ARPA E CO@hq.doe.gov](mailto:ARPA-E-CO@hq.doe.gov) about this FOA?

ANSWER: Responses are posted in the "Frequently Asked Questions" section of ARPA-E's website. There are general FAQs and a FAQ page for each FOA.

ARPA-E will post responses on a weekly basis to any questions that are received.

ARPA-E will cease to accept questions approximately 5 business days in advance of each submission deadline. Responses to questions received before the cutoff will be posted approximately one business day in advance of the submission deadline. ARPA-E may re-phrase questions or consolidate similar questions for administrative purposes.

Q3. Will ARPA-E post a response to every question submitted to ARPA-E-CO@hq.doe.gov?

ANSWER: No. ARPA-E will only post responses to questions that have not already been addressed by a published FAQ. Also, ARPA-E may consolidate similar questions for administrative purposes.

Q4. If I have questions about ARPA-E eXCHANGE, who do I contact?

ANSWER: Applicants may submit questions regarding ARPA-E's online application portal, ARPA-E eXCHANGE, to ExchangeHelp@hq.doe.gov. All emails must include the name and number of the Funding Opportunity Announcement in the subject line.

Q5. Can I speak or meet with the ARPA-E program director or other ARPA-E personnel about this funding opportunity announcement?

ANSWER: No. Upon the issuance of this Funding Opportunity Announcement (FOA), ARPA-E Programs and other ARPA-E personnel are prohibited from communicating (in writing or otherwise) with Applicants, or potential Applicants, regarding the FOA. This "quiet period" remains in effect until ARPA-E's public announcement of its project selections. During the "quiet period," Applicants may submit questions regarding the FOA to ARPA-E-CO@hq.doe.gov with the FOA name and number in the subject line. Applicants may also submit questions regarding ARPA-E's online application portal, ARPA-E eXCHANGE, to ExchangeHelp@hq.doe.gov with the FOA name and number in the subject line. ARPA-E will not accept or respond to communications received by other means (e.g., fax, telephone, mail, hand delivery). Emails sent to other email addresses will be disregarded.

Q6. Can a person be PI on one proposal and a Co-PI on a second separate proposal?

ANSWER: Yes, but the applications must be scientifically distinct from one another.

Q7. May applicants submit more than one Concept Paper to this funding opportunity?

ANSWER: Yes, but each Concept Paper submission must be scientifically distinct.

Q8. I have developed a technology that may be a good fit for this funding opportunity. Will ARPA-E please review the attached project information and let me know if I should make a submission to this funding opportunity.

ANSWER: No. Applicants must review the Technical Requirements of this funding opportunity to determine if their technology warrants a submission to ARPA-E.

II. Questions for week ending: MARCH 29, 2013

Q9. IS IT ALLOWABLE FOR A PRIMARY U.S. AWARDED CONTRACTOR TO PAY A FOREIGN UNIVERSITY A CONSULTING FEE IN ORDER TO SUPPORT A PH.D. STUDENT DOING WORK ON THE PROJECT AT THE FOREIGN INSTITUTION?

ANSWER: Based on the limited information in your question, it appears the answer would be “no.” ARPA-E awards are generally subject to: 1) the requirement that all work under the award is conducted in the United States - subject to a partial waiver application process (rarely submitted, and more rarely granted); 2) United States manufacturing requirements for subject inventions resulting from research conducted under the award; and 3) export control and ITAR regulations, as applicable, for the research conducted under the award; and 4) other eligibility requirements that vary from FOA to FOA. Thus, Prime Recipients must expend 100% of the Total Project Cost in the United States. Applicants seeking a waiver of this requirement are required to include an explicit request in the Business Assurances Form, which is part of the Full Application submitted to ARPA-E. Such waivers are granted where there is a demonstrated need, as determined by ARPA-E. A consulting fee to a foreign university appears unlikely to qualify.

Q10. PAGE 7, FIGURE 2 SHOWS COST SEGMENTS. IN THE CASE OF TITANIUM, A SIGNIFICANT MATERIALS COST IS PRESENTED. WHAT ARE THE ITEMS THAT MAKE-UP THE MATERIALS COST? YOU STATE A SIGNIFICANT FRACTION OF THE MATERIALS COST IS THE COST OF MG. FIGURE 2 SHOWS THE COST OF MG TO BE SLIGHTLY ABOVE \$3/KG YET MATERIALS COST SHOWN IN FIGURE 2 FOR TITANIUM IS APPROXIMATELY \$7.10/KG WHICH IS OVER TWICE THE MG COST.

ANSWER: Titanium costs were estimated. The dominant material components are titanium tetrachloride and magnesium where their combined costs are close to the total shown in Figure 2.

