

## QUESTIONS AND ANSWERS

PLEASE REFER TO THE GENERAL FAQs SECTION OF ARPA-E'S WEBSITE (<http://arpa-e.energy.gov/?q=faq/general-questions>) FOR ANSWERS TO MANY GENERAL QUESTIONS ABOUT ARPA-E AND ARPA-E'S FUNDING OPPORTUNITY ANNOUNCEMENTS. ADDITIONAL QUESTIONS SPECIFIC TO THIS FOA ONLY ARE INCLUDED BELOW. PLEASE REVIEW ALL EXISTING GENERAL FAQs AND FOA-SPECIFIC QUESTIONS BEFORE SUBMITTING NEW QUESTIONS TO ARPA-E.

### I. Full Application Phase Questions:

**Q1. We are a startup based at [description omitted]. Would you be interested in funding this project under this FOA-0001954 topic P: Direct removal of carbon dioxide from ambient air?**

**ANSWER:** ARPA-E will not pre-assess an applicant's proposal. Prospective applicants must review the technical requirements of the FOA and independently determine whether their proposed concept warrants a submission.

**Q2. For Direct Air Capture from air, Appendix P - Duration is mentioned as 24 months with funding from 250K to 1.5M. Can you please clarify how project duration and award ceilings mentioned under Targeted topic appendix correspond with award information under [S]ection II.A of the FOA?**

**ANSWER:** As set forth in Section II.A: [see Targeted Topic Table and Topic Appendices for total amounts and anticipated number of awards for each topic]. Both the table and Appendix XVI state \$2 million is available, with between one and five awards anticipated for a term not to exceed twenty-four months. Also, as set forth in Appendix XVI, the Federal share of an individual award may vary between \$250 thousand and \$1.5 million.

**Q3. I have a couple of questions about this FOA.**

**Q3.1a Question 1 is related to topic P Direct Removal of Carbon Dioxide From Ambient Air. The cost target less than \$100/ton is set, while the technical interests are divided into Material, Contactor Design, and Process Design three areas. The approach I am thinking involves innovations of material, contactor design, and process design, because the cost target is not likely to be achieved with single innovation in material, contactor, or process. Then, which technical interest area should such a proposal be aligned to?**

**ANSWER:** ARPA-E will not pre-assess an applicant's proposal. Prospective applicants must review the technical requirements of the FOA and independently determine under which technical area their proposed concept warrants a submission.

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### **Q3.1b Can one proposal be submitted to more than one technical interest area?**

**ANSWER:** No. Per FOA Section III.F.3, while there is no limit on the number of applications that may be submitted, each application must be scientifically distinct.

### **Q3.2 Question 2 is about DE-FE-FOA-00001954 and 1953. The technical interest areas and requirements look identical for the two FOAs. Is the small business allowed to submit the proposal under 1954 only?**

**ANSWER:** No. As set forth in FOA Section III.F.3, small businesses may submit to either DE-FOA-0001953 or DE-FOA-0001954, but not both FOAs. The latter FOA is directed at small businesses under the SBIR/STTR Program and reflects the unique rules and regulations associated with that program. Small businesses are strongly encouraged to apply under DE-FOA-0001954.

### **Q4.1 In section II.A, the FOA states that “Applicants must apply for a Combined Phase I/II/III Award.” The maximum period of performance as stated in Appendix P is 24 months. Does this mean that all three budget periods must fall within 24 months (e.g. Phase I 6 months, Phase II 9 months, Phase III 9 months)?**

**ANSWER:** That is correct.

### **Q4.2 Can we include a subrecipient / contractor only for one particular phase of the project (say, in Phase II only), but not in all phases?**

**ANSWER:** Yes. Prospective applicants are reminded that the STTR Program has a minimum work requirement for a single subrecipient research institution set forth at FOA Section III.A.2 and FOA Section III.B.1.

### **Q5. We have a project that is applicable to carbon dioxide capture from ambient air using automobiles, in particular novel capture materials that capture CO<sub>2</sub> from vehicle aspirated air. Would a project of this nature qualify for this FOA?**

**ANSWER:** ARPA-E will not pre-assess an applicant’s proposal. Prospective applicants must review the technical requirements of the FOA and independently determine under whether their proposed concept warrants a submission.

### **Q6. Could you please tell me if the currently open DOE SBIR solicitation, under Modification 11 of DE-FOA-0001954, will allow additional funding for either "Discretionary Technical Assistance (DTA)" or "Technical and Business Assistance (TAB)"?**

**ANSWER:** ARPA-E’s SBIR/STTR program does not include these features.