

## QUESTIONS AND ANSWERS

PLEASE REFER TO THE GENERAL FAQS SECTION OF ARPA-E'S WEBSITE ([HTTP://ARPA-E.ENERGY.GOV/?Q=FAQ/GENERAL-QUESTIONS](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. Under this SBIR solicitation, are we required to model the power plant combustion cycle as well? If yes, this will be a big expense for a small business to license the commercial software. We plan to model the CCS process using a commercial software. Do you have any recommendations? Are there software available from NETL or other DOE agencies?**

**ANSWER:** The Topic I: Electricity System Models for Carbon Capture Resources FOA is not part of the DE-FOA-0001954 SBIR/STTR FOA.

**Q2. Per the FLECCS FOA, and Amendment I to FOA 1953, "...if any entity receives a Financial Assistance Award from ARPA-E under [Amendment I of FOA 1953], that entity will be prohibited from participating on any FLECCS Project Team." How is entity defined? Would an entire organization ... be prohibited from participating in any FLECCS project if we [received an award under] Amendment I of FOA 1953?**

**ANSWER:** In response to this and other similar questions, ARPA-E is amending DE-FOA-0001953, Topic I, DE-FOA-0002220, and DE-FOA-0002221 to limit individuals (as opposed to entities) from performing work under both: (i) DE-FOA-0001953, Topic I, and (ii) DE-FOA-0002220 (titled FLExible Carbon Capture and Storage (FLECCS)) and/or DE-FOA-0002221 (titled FLExible Carbon Capture and Storage SBIR/STTR (FLECCS SBIR/STTR)), collectively, the "FLECCS Program".

Accordingly, ARPA-E will amend DE-FOA-0001953, Appendix I, Section 4, DE-FOA-0002220, Section III.A, and DE-FOA-0002221, Section III.A, to read substantially as follows:

*An entity may submit separate applications to the Solicitation on Topics Informing New Program Areas: Topic I, DE-FOA-0001953, and FLExible Carbon Capture and Storage (FLECCS) DEFOA-0002220 and/or FLExible Carbon Capture and Storage SBIR/STTR (FLECCS SBIR/STTR) DEFOA-0002221 (collectively, the 'FLECCS Program'). However, any individual participating on a Financial Assistance Award from ARPA-E under Solicitation on Topics Informing New Program Areas: Topic I, DE-FOA-0001953, will be prohibited from participating on any FLECCS Project Team.*

## QUESTIONS AND ANSWERS

**Q3.a** I had a question regarding the SF-424A that is on the Exchange for DE-FOA-0001953 “Solicitation on Topics Informing New Program Areas.” The provided template only has a single tab to complete while the solicitation and the “Budget Justification/SF-424A Workbook Guidance” document both reference multiple tabs that need to be completed on the budget worksheet. Is the “SF-424A (Grant)” worksheet that is currently available on the Exchange the budget spreadsheet that is required, or is there an expanded version that we should be using?

**Q3.b** Appendix I of the FOA, indicates that we need SF-424A form for the budget. However on the website under the section REQUIRED APPLICATION DOCUMENTS, a link entitled Budget Justification/SF424A Workbook Guidance. This Guidance indicates that we must fill out the Budget Justification Workbook which includes multiple tabs. Do we need to do the Budget Justification Workbook (not provided as a link) or just the SF-424A provided in the Website under this FOA?

**ANSWER** (Q3.a-b): Per the DE-FOA-0001953, Appendix I, Section 5 (*Content and Form of Full Applications*) applicants to this topic are instructed to use the *SF-424A (Grant)* version of the Budget Justification worksheet. This version is correct as published and meant to simplify the budget submission portion of the Full Application.

**Q4.** [The FOA] requires the capacity expansion tool to be made open-source. How about the data used in the project?

**ANSWER:** Per DE-FOA-0001953, Appendix I, Section 2.A, any entity receiving a Financial Assistance Award from ARPA-E under this Solicitation on Topics Informing New Program Areas: Topic I (DE-FOA-0001953), will be required to sign a non-disclosure agreement with respect to data received from each FLECCS Project Team unless a FLECCS Project Team agrees otherwise.

**Q5.** I am part of a team that has submitted a concept paper for consideration to be awarded as part of the “FLECCS” FOA DE-FOA-0002220. I am also contemplating submitting an application with other partners for the Solicitation on Topics Informing New Program Areas: Topic I, DE-FOA-0001953. In case both my applications are funded, I understand that I am prohibited to be working on both projects, but I was wondering if I can choose which project to participate in or will ARPA-E make that decision?

**ANSWER:** As set forth at DE-FOA-0001953, Appendix I, Section 4: ... *any individual participating on a Financial Assistance Award from ARPA-E under Solicitation on Topics Informing New Program Areas: Topic I, DE-FOA-0001953, will be prohibited from participating on any FLECCS Project Team.*

## QUESTIONS AND ANSWERS

**Q6. There is a discrepancy in the required format, section number, and page limits between the Technical Volume template and the Checklist on page 8 of the solicitation. The checklist states: Sections 1-5 (14 pages max.)**

1. Innovation and Impact
2. Proposed Work
3. Technology to Market
4. Team Organization and Capabilities
5. Budget

**The template omits the Technology to Market section and has different numbering for the sections:**

1. Innovation, Impact, and Proposed Work
2. Team Organization and Capabilities
3. Budget
4. References
5. Personal Qualification Summaries

**In addition, the checklist states: Sections 1-5 (14 pages max.) while the template states: The cumulative length of Sections 1-3 shall not exceed 8 pages. We interpret this as Sections 1-3 is limited to 8 pages and Sections 4-5 account for the remaining 6 pages. Please confirm our interpretation is correct.**

**ANSWER:** Per DE-FOA-0001953, Appendix I, Section 5 (*Content and Form of Full Applications*), prospective applicants are instructed that the content of Full Applications is limited to the documents identified in the table. With respect to *Technical Volume (Grant) Topic I*, the accompanying note states: *Section and page maximums for this Topic's Technical Volume differ from the standard Technical Volume Template under this FOA.* The technical volume template published under Topic I on ARPA-E eXCHANGE is correct.

Documents also published under Topic I on ARPA-E eXCHANGE include templates titled *Summary for Public Release Template* and *Summary Slide Template*. These are not required by the instructions set forth at DE-FOA-0001953, Appendix I, Section 5, but may be submitted at the applicant's discretion. If not submitted, ARPA-E may request these items from applicants at a later date.