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. Please advise on POC to discuss further prior to full application submittal (I did not find a concept paper review period for this, therefore request brief conversation to ensure we're aligned with our use of resources for full proposal). …

   ANSWER: Refer to General FAQ 2.6.

Q2. We are interested in future compatibility with zero carbon fuels like Hydrogen and Ammonia. We’re aware that Hydrogen blends are being used up to 12/13% in some Hawaiian islands in pipelines and that HDPE replacement pipelines are somewhat compatible with Hydrogen and existing steel pipelines are prone to corrosion with Hydrogen blends or straight hydrogen. Are there requirements on the project … to consider future compatibility with zero carbon fuels? …

   ANSWER: REPAIR anticipates future scenarios involving different gas constituents. Category 1.1 includes [c]ompatibility with current and future gas compositions with regard to corrosion and permeability, especially for hydrogen.

Q3. If possible we like to arrange a phone discussion with you. …

   ANSWER: Refer to General FAQ 2.6.

Q4. Please provide clarification regarding the following:

   Q4.1 Page 26 [FOA Section II.A] of the [FOA] states “Individual awards may vary between $250,000 and $10 million.” … If the estimated total project cost exceeds $10 million, is it recommended to submit multiple proposals?

   ANSWER: No. The maximum amount of Federal funding provided for any project under the REPAIR FOA is $10 million. Allowable project costs in excess of $10 million may be claimed as cost share.

   Q4.2 Page 37 [FOA Section III.C.4] states “ARPA-E is not limiting the number of submissions from Applicants. Applicants may submit more than one application to this FOA, provided that each application is scientifically distinct.” … Is it recommended that an Applicant submit one distinct proposal for each category if proposing to work on multiple categories … [as described at FOA Section I.D]? …

   ANSWER: Per Section I.D. of the FOA, “REPAIR has multiple categories, each of which requires diverse technical skills. Applicants may respond to an individual category or multiple categories.” Each Applicant/Project Team must determine, based on their individual circumstances, how to structure its REPAIR Full Application. Project Teams that have coherent, integrated proposals covering multiple Categories (particularly Categories 2 through 5) are encouraged to submit a single proposal. As noted
in the FOA, “Applicants will need to address plans for integrating Category 2-4 system components into comprehensive offerings.”

However, an Applicant or Project Team may elect to submit a separate proposal for an individual Category; this would be particularly appropriate if an Applicant was planning to submit a proposal to Category 1 (Testing) and/or Category 6 (Mapping) and also to Category 2-5 (Systems component development and integration). Additionally, an entity may be a member of Project Teams for multiple REPAIR Applications.