

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. Concept Paper Phase Questions:

Q1. ... HERE ARE OUR QUESTIONS:

- 1. ACCORDING TO THE FOA, CATEGORY I TECHNOLOGIES ARE EXPECTED TO HAVE AN "EQUIVALENT THROUGHPUT PROCESSING RATE OF 2KG/HR FOR 8 H...WITHOUT ANY LOSS OF SELECTIVITY." DOES THIS MEAN THAT BY THE END OF PHASE IIS, WE NEED TO BE ABLE TO DEMONSTRATE THAT RATE, OR CAN WE DEMONSTRATE A LOWER PROCESSING RATE AND JUSTIFY HOW IT CAN BE SCALED UP TO 2KG/HR FOR 8 HOURS (E.G., VIA LARGER EQUIPMENT)? IF THE LATTER IS ACCEPTABLE, IS THERE A MINIMUM DEMONSTRATION RATE REQUIRED?**

A lower processing rate can be demonstrated and justification can be provided with respect to meeting the 2 kg/hour standard. There is not a minimum demonstration rate, though tech-to-market viability is an important consideration of any ARPA-E project and scale is an important factor in tech-to-market viability.

- 2. IF WE'RE TRYING TO IMPROVE MULTIPLE STEPS IN A PROCESS FLOWSHEET, DO WE NEED TO DEMONSTRATE EACH STEP'S CAPABILITIES AT THE SAME THROUGHPUT RATE?**

The throughput rate of the proposed individual steps (or unit operations) should be able to support an overall separation process throughput of at 2 kg / hour.

- 3. CAN WE DO PIECEWISE DEMONSTRATIONS, OR MUST THEY ALL BE DEMONSTRATED TOGETHER?**

Piecewise demonstrations are sufficient.

- 4. THE SOLICITATION SEEMS TO PUT A LARGE EMPHASIS ON TRYING TO ENCOMPASS AS MANY CATEGORIES AND OBJECTIVES AS POSSIBLE AND WORK WITH A BIG TEAM. HOWEVER, THE SOLICITATION STATES, "EACH CONCEPT PAPER MUST BE LIMITED TO A SINGLE CONCEPT OR TECHNOLOGY." THESE SEEM CONTRADICTORY; CAN YOU PLEASE CLARIFY HOW THESE ARE COMPATIBLE?**

A FOA modification is in process that will remove the sentence you quote above; you may disregard that limitation.



Q2. WE DO NOT MEET THE ELIGIBILITY REQUIREMENTS OF THE CURIE SBIR/STTR FOA. CAN WE STILL APPLY?

ANSWER: There are two distinct CURIE FOAs. The SBIR/STTR FOA (DE-FOA-0002692) is for those applicants that meet the eligibility criteria that are governed by Small Business Administration rules and guidance (see Section III of that FOA). The non-SBIR/STTR FOA (DE-FOA-002691) is for those applicants that meet the eligibility criteria set forth in Section III of that non-SBIR/STTR FOA.

Q3. USING THE 'COST ESTIMATOR WORKBOOK' IS DIFFICULT IF IMPOSSIBLE. AFTER MAKING A COUPLE ENTRIES, A POPUP WINDOW CONTINUED TO BE DISPLAYED ASKING FOR A PASSWORD. THIS HAPPENED EVERY 15-20 SECONDS, DISRUPTING ACTIVITY, MAKING IT IMPOSSIBLE TO MAKE ENTRIES ON THE WORKSHEET.

ANSWER: Some of the cells in the Summary, Aqueous Reprocessing Costs, and Pyro Reprocessing Costs tabs in the Cost Estimator Workbook have been locked and password-protected to preserve the workbook's functionality. The Introduction tab of the workbook provides information about which cells can be modified.