

Bioprocessing Separations Consortium Directed Funding Opportunity: Information and Instructions

Overview: To accelerate the development of separations technologies for the commercialization of biomass-derived fuels and chemicals, the Bioprocessing Separations Consortium (www.bioesep.org) is offering directed funding assistance. Interested industry partners are invited to leverage unique capabilities (facilities and expertise) at U.S. Department of Energy (DOE) National Laboratories to address their most pressing technical challenges in separations process development and evaluation for biofuel and bioproduct applications. Descriptions of these unique capabilities can be found at www.bioesep.org/capabilities/.

Available funding and cost share: The Separations Consortium anticipates providing \$200k to approximately five projects as part of this call. It is anticipated project terms will be no more than two years. Federal funds are allocated to DOE National Laboratories for providing Separations Consortium resources only and are subject to available Separations Consortium budget. Industry cost share (in-kind or cash) is required to be 30% or greater of the requested funds.

How to identify capabilities and/or personnel: Descriptions of Bioprocessing Separations Consortium capabilities can be found at www.bioesep.org/capabilities/. Please contact us at bioprocess_separations@anl.gov if you need help identifying capabilities and/or Separations Consortium personnel to address your technical challenge.

Notice of intent to propose: Applicants must send an email with a notice of intent to apply to bioprocess_separations@anl.gov with a high-level description (single paragraph) of their research idea. Upon receipt of this notice of intent, a coordinator from the Consortium's National Laboratories will set up a 30 min call with representatives from each lab. On this call, the company will provide a brief (~5 min) overview of their research project idea and technical needs. Laboratories will provide information regarding their relevant capabilities. These calls will ensure applicants have a full complement of information about the consortium to enable compelling and robust proposals.

To apply: To apply, industry applicants will submit a short proposal that identifies the technical challenge and describes how leveraging existing Separations Consortium capabilities (specifically reference at least one National Lab capability from the Separations Consortium website) will help overcome this challenge and accelerate the deployment of cost effective bioprocessing separations technologies. All submissions should be no more than five pages in length, including references, tables, and figures. The proposal should be single spaced with 12-point Calibri font with one-inch margins. **Proprietary and sensitive information should not be included in the proposal.**

Required criteria for proposal submissions include:

1. Project Overview
2. Challenges Addressed and Research Approach (30% of total score)
3. Impact of Proposed Research on Biofuels and Bioproducts Industry (25% of total score)
4. Benefit to Bioprocessing Community (10% of total score)
5. Key Personnel, Resources, and Separations Consortium Capabilities (20% of total score)
6. Budget, Milestones, and Appropriateness of Government Funding (15% of total score)

Download the [proposal template](#) for this opportunity. Each section of this template is aligned with specific review criteria for Separations Consortium directed funding assistance projects. Proposals should be **no more than five pages** in length. Proposals should be emailed to bioprocess_separations@anl.gov **no later than 5 p.m. MDT, July 6, 2018.**

Additional information: Proposals will be reviewed and scored by external reviewers with final project approval and funds authorized to the National Laboratories by DOE. All projects will be subject to DOE reviews and reporting requests.

To be considered, submitting organizations must certify that they will adhere to the following:

- **Unique Lab Capabilities:** Request assistance that is not reasonably available in the private sector. Projects are intended to make available the specialized expertise and equipment at the National Labs, not compete with the private sector.
- **Cost Share:** Commit to at least a 30% cost share, which can be in-kind. Examples: labor, travel, materials, equipment, data, or cash. Federal funds may not be used as cost share.
- **Agreements:** Sign a Cooperative Research and Development Agreement (CRADA) that governs intellectual property and other terms. Participating parties will be expected to sign a CRADA similar to the one found [here](#). This agreement will be negotiated with the participating Laboratories.
- **Reporting:** Commit to providing results during the project and for up to ~5 years after the project start date.
- **Release of Information:** Agree to allow non-proprietary information about your business and the success of the assistance to be featured in publicly available stories by DOE and the partnering labs.