**Project Title**

Industry Partner(s): PI Name/Contact Information

Lead ChemCatBio Lab: PI Name/Contact Information

1. **Project Overview (~0.5 pg)**

*Provide a brief overview of the background information necessary for understanding the scope of the problem and the impact of the proposed solution.*

1. **(30%) Challenges Addressed and Research Approach (~1.5 pg)**

*Provide a discussion of the challenges addressed, research approach, the innovative aspects of the approach, and how the approach addresses the identified challenges.*

1. **(25%) Impact of Proposed Research on the Biofuels and Bioproducts Industry (~1.5 pg)**

*Describe the potential impact of the project’s success on the development and deployment of biofuels and bioproducts. Discuss the specific application of the technology/catalyst, the product-market fit, the market demand, and the transition plan.*

1. **(20%) Accelerated Catalyst and Process Development Cycle (­­~0.5-1 pg)**

*Explain how the proposed work, in collaboration with ChemCatBio, will accelerate the catalyst and process development cycle.*

1. **(10%) Key Personnel, Resources, and ChemCatBio Capabilities (~0.5 pg)**

*Describe the project team’s unique qualifications and expertise, existing equipment and facilities, and the ChemCatBio capabilities that will either be leveraged or developed as part of this project.*

1. **(15%) Requested Budget, Milestones, and Appropriateness of Government Funding (~1 pg)**

*Provide the start and end dates for the project and key milestones. Populate the tables with $K per fiscal year and a list of annual and key semi-annual milestones over the project period. Provide justification for why government investment is required for the proposed project.*

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| --- | --- | --- | --- |
| **Requested Budget Table** | | | |
|  | **FY18** | **FY19**  **(if applicable)** | **FY20**  **(if applicable)** |
| **DOE Funding to ChemCatBio Resources** | $*K* | $*K* | $*K* |
| **Industry Cost Share (cash or in-kind)** | $*K* | $*K* | $*K* |

|  |  |
| --- | --- |
| **Milestone Table** | |
| **Milestone Description** | **Due Date** |
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