

Instructions

- (i) Address ALL 6 points below in your pre-proposal; AND
- (ii) DO NOT exceed 1,000 words.
- (iii) You are allowed to upload 1 file containing figures and/or tables to supplement your pre-proposal.

1. Opportunity

Provide a brief overview of the problem you propose to solve. What is the potential societal, academic and market impact? What is the customer "pain" that you are attempting to address? This should be understandable and compelling by a layman.

2. Proposed Approach

Briefly describe the proposed project and how it addresses the problem. This should be a high level description that can be understood by someone only moderately familiar with the field. Clarify the current status of the innovation and any related intellectual property. Emphasize the *benefits* and *novelty* of the project, with respect to the team's prior work, prior art, and current approaches (even if the approaches are not technically similar). Graphics are encouraged.

3. Commercialization

What do you envision to be the key next step(s) to making impact with this innovation (e.g., sponsored research support, licensing, venture financing)? What is the time frame? Describe both the technical and market uncertainty as well as the risks that might be preventing this idea from proceeding along that path.

4. Deliverables

Briefly describe your research strategy. List the expected deliverables that you propose to achieve *within the proposed time line of the grant* and at the end of the project – code, prototype, data proving feasibility, etc.

5. Team and Collaborations

List and describe the roles of your respective team member(s); including co-PI(s) and collaborator(s). Have any of the team members established a start-up related to the work? Identify any potential conflicts of interest and how they will be managed.

6. Resources and Budget

Approximately what existing resources (people, equipment) do you require to complete the project? Please briefly justify the budget requested.