**TIC Innovation Challenge (TIC) Proposal Template (Page 1-General description)**

**Primary Contact**:  Name of point of contact

**Collaborators**:  Names of other people on your team

**Title**:  Short title of what field your idea is in for quick categorization

**Requested Budget**:  $N (<= $5k or >$5k)

**Time Period**:  X months or Y weeks

**Objective**:  What are you trying to accomplish?  Build, design, theory, experiment, model, etc?

**Background**:  What is the current state of the art in the field you are proposing in, and what are its limitations that you will be addressing?

**Approach**:  How are you going to overcome the limitation?  What is the greatest challenge to implement your solution, and why do you think you can solve it? Describe the idea for your experiment or how you will use the equipment purchased.

**Impact**: How do you define success for this project?  If successful, what will be the outcome?  Both concrete, short-term (papers, proposals, etc.) and long-term (collaborations, capabilities, science, etc.).

**TIC Innovation Challenge (TIC) Proposal Template (Page 2 - Figures)**

Figures if needed to clarify concept



**TIC Innovation Challenge (TIC) Proposal Template (Page 3 – Execution plan)**

Budget:

|  |  |  |
| --- | --- | --- |
| Description | Purpose | Cost |
| Widget 1 | Used to make …. | $1000 |
| Widget 2 | Used to see … | $2000 |
| Widget 3 | Necessary for … | $3000 |

Personnel:

|  |  |  |
| --- | --- | --- |
| Name | Role | Commitment |
| Alice | Design and build hardware… | 50% of full-time |
| Bob | Analyze results… | 1 day/week |
| Eve | Consulting… | As needed |

Schedule:

|  |  |  |
| --- | --- | --- |
| Time | Description of Work | Milestone |
| Weeks 1-4 | Design and purchase all parts | Place orders (success criteria for each time period) |
| Weeks 5-8 | Build experimental apparatus | Setup built |
| Quarter 3 | Obtain first results and develop analysis tools | First data set |
| Quarter 4 | Obtain results for manuscript or proposal | Manuscript ready |