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**PROJECT DESCRIPTION AND FUNDING REQUEST**

**A) Project Description**

* What is the project you want to carry out? Provide background and description. Must also include the following:

-Stage of development of the proposed technology

Current Technology Readiness Level (TRL)=

Expected TRL at end of project=

For reference:

TRL 1: Basic principles observed and reported

TRL2: Technology concept and/or application formulated

TRL3: Analytical and experimental critical function and/or characteristic proof of concept

TRL4: Component and/or breadboard validation in laboratory environment

TRL5: Component and/or breadboard validation in relevant environment

TRL6: System/subsystem model or prototype demonstration in a relevant environment

* Any current or future intellectual property protection if applicable?
* Expected start date and date of project completion:
* Identify the key product development and business development milestones and deliverables, Table 1:

|  |  |  |
| --- | --- | --- |
| **Milestone 1:** |  |  |
| **Estimated time to completion:** | **Key Questions & Deliverables:**  **Risks and possible hurdles:** | **Who is responsible for the completion of the milestone?** |
| **Estimated cost to completion:** | **List team members who will be assisting in the completion of the milestone.** |
| **Milestone 2:** |  |  |
| **Estimated time to completion:** | **Key Questions & Deliverables:**  **Risks and possible hurdles:** | **Who is responsible for the completion of the milestone?** |
| **Estimated cost to completion:** | **List team members who will be assisting in the completion of the milestone.** |
| **Milestone 3: etc.** |  |  |

* Provide the Gantt chart: showing what has to be done (the tasks/activities) per milestone and when (the schedule)

**B) Funding request to assist in the completion of key project milestones**

* What is the total detailed project budget, including per milestone, and sources of funding?
* What will the grant be used for specifically?
* What external/market validation is there that achieving such milestones will accelerate follow-on funding from other sources (other awards/grants, customers, investors)?
* Summarize the stakeholders identified and the feedback gathered to justify the disbursement of funds to pursue these milestones.