**Project Title**

**Theme: (i.e. SSD Security)**

**Project Area (Keyword) :**

**PI:** name, affiliation, email

**Co-PI:** (if applicable) name, affiliation, email

**Description of Project**

**1. Project Duration**

1/1/2023 – 12/31/2024 (or other dates. For renewal project, Project start date must be AFTER current duration. 2+ year. Up to 5 year program)

**2. Research Objectives**

[Proposers are expected to summarize the key items that need to be accomplished for the research to be successful and result in information/products that can be put into practice.]

**3. Statement of Problem & Significance of Research**

* Define the problem your proposal will solve

[This section summarizes the proposers’ understanding of the problem and provides background

information, causes, and possible solutions. Proposers should not simply repeat the wording in the

RFP.]

**4. Research plan & Suggested solution (Problem aligned)**

* Solution’s guidelines : How will you accomplish it?
* Research Design & Methods
* Research plan and technical approach
* Project Milestones : up to 5 year
	+ Year 1 : 1Q~4Q Plan
	+ Year 2 : 1Q~4Q Plan ….
	+ Year3, Year 4 .. (high-level plan can be proposed and MSL will need renewed plan based on research status.)
* Potential Obstacles

 [This section should describe how the objectives will be achieved through a complete and detailed plan. Specifically, this should include a current R&D research and the other tasks to be performed, a detailed research approach, and anticipated results. The research plan should also include a description of how the research team will ensure regular communication with Memory Solutions Lab and technical office and describe any assistance that may be required from Memory Solutions Lab and the timeframes in which this assistance is required. Also specific Technical Approach details would be needed. Clear description of how you will solve the problem and implement anticipated findings. Work may be divided into phases (e.g., Month, Quarter, Year1, Year2, Year3…) as necessary to clarify tasks. Please note that Quarterly report will be required for status update]

**5. Expected Outcomes and Results (should describe tangible outcomes and intangible outcomes separately)**

* Objectives and Key Results (OKRs)
* Solution’s proposed application, use case, value, effect

[List of minimum deliverables necessary to complete the project. Also include **Ultimate** goal and **Stretch** goal.]

**6. Budget**

[Itemized budget including Researcher’s salary, Equipment & Indirect University cost (Less than 55% is desired. Colocation server for testing Samsung Device can be supported by MSL). Researcher should be invited for MSL summer intern program (May~Sep) ]

Min 2 years 300K

Max 5 years 1M

* Yearly budget allocation as per project milestones will be required

**<Important Deadlines >**

Inquiries on Theme: 5/31 (Tue)

 Based on Inquiries collected, MSL will post Answers by 6/10 (Fri)

First Draft: 6/24(Fri) – *optional. This will allow PI to elaborate proposals based on MSL’s requirement*

**Final Submission : 7/22 (Fri)**

For inquiries, please contact ssimsl@samsung.com