**Nuclear Criticality Safety Program**

**Proposal Template for FY2025 – FY2029**

1. **Proposal Information**

|  |  |
| --- | --- |
| **PI Name** |  |
| **PI Email** |  |
| **PI Institution** |  |
| **Category** *(Choose the* ***primary*** *NCSP Technical Program Element – Analytical Methods, Information Preservation & Dissemination, Integral Experiment, Nuclear Data,* ***OR*** *Training and Education)*: |  |
| **NCSP Mission & Vision Need/Gap Addressed in the Proposal** *(see NCSP proposal website)* |  |
| **Type** (*Lab or University Proposal)*: |  |
| **Title** |  |
| **Collaborator PI Name(s)** *(if applicable)* |  |
| **Collaborator PI Email(s)** *(if applicable)* |  |
| **Collaborator PI Institution(s)** *(if applicable)* |  |
| **NCSP Site Program Manager** *(if not the PI)* |  |
| **Length of proposed work** *(# of years)* |  |
| **Total Budget** *(all years and all collaborators)* |  |

**2.0 Short Description** – 2 – 3 sentences describing your proposal.

**3.0 Long Description** *(concise description of work, including whether or not it is proposed to replace an ongoing approved activity, or new work to be prioritized against all other proposed new work; what Labs and/or facilities/equipment are involved/required and the timing of their involvement, and a sense of the technological risk involved)*.

**4.0 Milestones and Deliverables** for each year (2025-2029), as applicable *include very specific, measurable milestones and deliverables for FY2025, more general milestones and deliverables in FY2026-2029 but still with enough fidelity to demonstrate how the five-year or ten year goals in the NCSP Mission and Vision document will be achieved.*

**Subtask 1 – Milestones and Deliverables**

* Milestone and Deliverables for subtask 1 including Year(s) for completion.

**Subtask 2 – Milestones and Deliverables**

* Milestone and Deliverables for subtask 2 including Year(s) for completion.

**Subtask 3– Milestones and Deliverables**

* Milestone and Deliverables for subtask 3 including Year(s) for completion.

**5.0 Budget** for each year (2025-2029), *provide realistic out year budget projections*.

**Note**: University proposal costs must be precise and reflect actual costs for students each year (*typically, academic costs are $90k-$120K per year, MS – 2 years, PhD – 3-4 years*) **and** the costs for NCSP site mentoring and support. University proposals must be coordinated with an NCSP site task manager.

**Example Format per Proposal**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Proposal #1 Budget** | **2025** | **2026** | **2027** | **2028** | **2029** | **Total Cost by Subtask** |
| SubTask #1 | $X1k |  |  |  |  |  |
| SubTask #2 |  | $X2k |  |  |  |  |
|  |  | 3 |  |  |  |  |
|  |  |  |  |  |  |  |
| **Total Cost by Year** | **$Xk** | **$Xk** | **$Xk** | **$Xk** | **$Xk** |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Site #2 Budget** | **2025** | **2026** | **2027** | **2028** | **2029** | **Total Cost by Subtask** |
| SubTask #1 | $X1k |  |  |  |  |  |
| SubTask #2 |  | $X2k |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Total Cost by Year** | **$Xk** | **$Xk** | **$Xk** | **$Xk** | **$Xk** |  |

**6.0 Justification** (describe how this work builds upon what was done in previous years; or why this *work is of higher priority than currently approved work; what course adjustments, if any are being made; and how the work supports accomplishing the specific five-year or ten-year goals of the NCSP Mission and Vision document)*.

**7.0 References (if applicable)**