**Pre-proposal of Taiwan/USAF Program on Nano-Structured Materials   
for Sensing and Sustainment**

1. **General Information**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Scope | | □ novel quantum materials and heterostructures  □ magnetic topological materials and Moiré engineered systems  □ Neuromorphic computing  □ Quantum communication  □ Quantum Sensing  □ Terahertz electronics | | | | | |
| Project Period | | From 08/01/2024 to 07/31/2027 (MM/DD/YYYY) | | | | | |
| Research Project Title | English |  | | | | | |
| Chinese |  | | | | | |
| Taiwan Researcher |  | Name | | | Institution / Department | | |
| Chinese | English | | Chinese | | English |
| PI |  |  | |  | |  |
| co-PI 1 |  |  | |  | |  |
| co-PI 2 |  |  | |  | |  |
| Requested Funding | First Year(/TWD) | | Second Year(/TWD) | | Third Year(/TWD) | |
|  | |  | |  | |
| USA Researcher |  | Name | | | Institution / Department | | |
| PI |  | | |  | | |
| co-PI 1 |  | | |  | | |
| co-PI 2 |  | | |  | | |
| Requested Funding | First Year(/USD) | | Second Year(/USD) | | Third Year(/USD) | |
|  | |  | |  | |

1. **Contents**

1. **Project Description, including:** research highlights, problem, method of investigation, uniqueness of approach, potential applications. **(Do not exceed 3 pages)**

2. **Additional Information:** Biographic Information on Taiwan and US Research Team Members and simple budget. (This does not count in the number of pages)

1. **在本計畫預計的計畫執行期間(2024/8/1~2027/7/31)，臺方主持人在各計畫所投入工作時數比率。(可用中文填寫)   
   (This is only for Taiwan Researcher)**

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| 資助機構  (不限國科會) | 計畫名稱  (如為國科會補助，請一併填寫計畫編號) | 計畫內角色  (如:主持人, 共同/協同主持人,顧問等) | 計畫執行期間  (年/月) | 經費 | 投入百分比(%) |
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|  |  |  |  |  |  |
| 請自行增列 |  |  |  |  |  |