**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 |  |  |  |  |  |