

Research Proposal

Quantum Technology Program

量子躍昇專案研究計畫

Title of Proposal (Chinese) :

Title of Proposal (English) :

Project Period: March 1st, 2027 ~

Principal Investigator (Chinese) :

Principal Investigator (English) :

Participating Institutes:

Project Discipline _____

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Research Proposal

Quantum Technology Program

I . General Information

Application Number:

Title of Proposal		Chinese			
		English			
Name of Principle Investigator (PI)	Chinese		Position		
	English				
Institute/Department					
Project Period		February 1st, 2027 ~			
Project Discipline					
The First-year Budget Request			USD		
The Total Budget Request			USD		
Corresponding Person		Name: _____ (Chinese) _____ (English)			
		Mailing Address (Chinese): _____			
		Telephone: (Office) _____ (Home) _____ (Mobile) _____			
		Fax: _____ E-mail: _____			
Principal Investigators' Affidavit: The research proposed in this grant application has not been financially supported by any funding agency. I am aware that any withholding, falsification, or misrepresentation of information could result in administrative actions such as the dismissal of an application or the suspension and/or termination of an award, as well as other possible punitive actions. Signatures -- Principal Investigators: _____ Date: _____ Principal Investigators of the Sub-projects: _____ _____ _____ _____					

II . 1st-year and Total Project Budget Request:

unit: 1,000NTD

Project Year Category/Item	1 st Year (2027/03 – 2028/02)	Sub-total	
General Expenses			
Personnel			
Consumables			
Travel expenses for invited international collaborator to this project (Taiwan inbound)			
Equipment			
International Travel Expenses (Taiwan outbound)			
Overhead			
Total (1USD=30NTD)	NTD____ (USD____)	NTD____ (USD____)	
Postdoctoral Research Fellows	____ person(s)	____ person(s)	
Other Financial Supports: Please indicate any other supports from participating institutes, industrial sectors, or other funding agencies. Leave the space below blank if not applicable.			
Name of funding Source	Category/Item of the funding	Amount Committed	Funding Period
Administrator Signature of funding source: _____ (please provide proof document(s) if the signature is not available)			

III. Project and Sub-project List

Categories	Name of PI	Institutute/ Department	Position	Project Title	Percentage of Time*
Main Project					
Sub-project 1					
Sub-project 2					
Sub-project 3					
Sub-project 4					
• • •					
• •					

*Percentage of time is defined here as the ratio of the hours devoted to this project to the total working hours per week for the PI.

IV. Abstract and Keywords

(Formatting: font type: Times New Roman; size: 12 points; spacing: single-space; page limit: **1**)

Abstract

Keywords:

V. Description of Proposed Research

Please elaborate the overall proposal and also reason that why this research proposal is worth of being funded.

The contents should include, but not limit to, the background of the proposed studies, the Scientific/technological significance, the specific aims and the research approaches of the proposed project. Please also state the research capacities in terms of the involved research personnel and Institutes.

For proposals under Research Area 1 (Universal Quantum Computer Hardware Technology), please specify quantifiable annual milestones toward fault-tolerant quantum computing, such as the number of logical qubits, physical and logical error rates, and below-threshold demonstrations of quantum error correction.

All proposals are encouraged to describe collaboration with national research institutes, universities, and industry, as well as the feasibility of interfacing research outcomes with national high-performance computing (HPC) and research network infrastructure.

(Formatting: font type: Times New Roman; size:12 points; spacing: single-space; page limit: 5, including tables, figures and references)

Form CC05

VI. Complementary Measures from the Involved Institutes

Please describe any complementary measures from the involved Institutes.

The support for the project can be in the form of funds, space, and/or research manpower, etc.

(Formatting: font type: Times New Roman; size:12 points; spacing: single-space; page limit: **1**)

VII. Curriculum Vitae (CV)

(Required for all **PIs and co-PIs** of the main and sub-projects; **2-page** limit for each CV)

Each CV should include the following information:

1. General information (e.g. name, contact information, etc.)
2. Education.
3. Current position and relevant experience.
4. Fields of academic specialty.
5. Major awards and honors.
6. Publications, which are related to this proposal, in the past five years. They may include technical reports, patents, periodical articles, or books
7. Research projects executed in the past five years.