Revised in Nov. 2024

National Science and Technology Council Grant Proposal for Industry-Academia Cooperation Research Project

National Science and Technology Council Grant Proposal
for Industry-Academia Cooperation Research Project

Declaration by Principal Investigator

【This page generated online once selected】

There is no overlap in the scope covered by this grant application for the industry-academia cooperation research project (Application Number: _____) with other applications submitted to your Council or any other agencies (including domestic or foreign agencies and agencies in mainland China or Hong Kong/Macau regions). All content stated on the application form and the information provided for this project correspond to my current status and facts and does not infringe any intellectual property rights including patents, copyrights, trademarks, or trade secrets of others. I shall take full responsibility for any false statements. This declaration serves as certification.

To: National Science and Technology Council

Principal Investigator (Applicant): ***(automatically generated by the system when printing)***

___ day ___ month ___ year

National Science and Technology Council Grant Proposal for Industry-Academia Cooperation Research Project

Declaration of Conflict Avoidance by Principal Investigator and Co-Principal (Collaborating) Investigators

【This page generated online once selected】

The declarant (automatically generated by the system once selected) has thoroughly read and understood the relevant recusal regulations in the Operational Guidelines Governing Subsidies from National Science and Technology Council to Industry-Academia Cooperation Research Projects (hereinafter referred to as "Operational Guidelines"). The declarant agrees to comply with these relevant recusal regulations in the Operational Guidelines when applying for Industry-Academia Cooperation Research Project subsidies from the National Science and Technology Council.

Declared as above

____Day ____ Month ____ Year

National Science and Technology Council Grant Proposal for Industry-Academia Cooperation Research Project

Statement of Reasons for Necessity of Submission Outside Announced Period for Acceptance

【This page is generated only when the application is submitted outside the announced period for acceptance】

I, _____(regular script), hereby declares that it is necessary to submit this grant application to the National Science and Technology Council for the Industry-Academia Cooperation Research Project outside the announced acceptance period for applications, due to reasons regarding timeliness of market opportunities. Please kindly accept and approve this application. I will take full responsibility for any false statements. This declaration serves as certification.

The abovementioned reasons and the explanation for the necessity of submission outside the announced period for acceptance are described in the following page.

To National Science and Technology Council

Project Investigator (Applicant): _____
(Please sign here, then scan and upload the document)

___Day ___Month ___Year

National Science and Technology Council Grant Proposal
for Industry-Academia Cooperation Research Project

I. General Information

Application Number:

Upfront fee for technology transfer (Yes/No)	☐ Yes ☐ Upfront fee for technology transfer≧ 8% of the total budget ☐ Upfront fee for technology transfer≧ 15% of the total budget ☐ No					
Mode of Research	☐ Individual Research ☐ Integrated Research					
Department for Proposed Area of Research	☐ Dept. of Natural Sciences and Sustainable Development ☐ Dept. of Engineering and Technologies ☐ Dept. of Life Sciences ☐ Dept. of Humanities and Social Sciences					
Institution/Department						
Principal Investigator (PI)		Position		Identification Number		
Research Project Title	Chinese					
	English					
Integrated Research Project Title						
Chief Investigator of Integrated Research Project				Identification Number		
Project Period	From to (MM/DD/YY)					
Project Discipline (Please refer to the list of scientific discipline codes attached to the application form)	Discipline Code	Discipline (Please specify if others)				
Number of grant proposals submitted this year for all industry-academia cooperation research projects (including pre-approved projects and excluding proposals submitted by co-PIs): _____ Of all grant proposals submitted this year (as indicated above), indicate priority ranking for this proposal (do not repeat ranking):						
Is this project supported by other institutions at the same time? No Yes (Please complete Form CM05)						
Are there other non-NSTC-granted research projects (including the projects in Taiwan, overseas, in mainland China, Hong Kong and Macau) implemented during the most recent three years? ☐ No ☐ Yes. Please fill out Form CM14-1.						
1. Does t this research project include the following? (Check as applicable and attach relevant consent forms.) ☐ Human Studies/ Human Specimen ☐ Human Embryo/ Human Embryonic Stem Cell ☐ Gene Recombination/ GMO Field Trial/ Microbes in Risk Group 2,3,4 ☐ Animal Studies (Must also attach the animal experiment planning and 3R assessment checklist required). 2. This project is a behavioral science research for Dept. of Humanities & Social Sciences ☐Yes (Please attach the certification of sending the project for research ethics review) ☐ No. 3. Does this project include clinical trial? ☐Yes (Please attach the checklist for sex/gender analysis in clinical trial) ☐ No						
Contact Information	Name: Telephone: (Office) (Home/Mobile)					
Mailing Address						
Fax Number		E-MAIL				

National Science and Technology Council Grant Proposal
for Industry-Academia Cooperation Research Project

Collaborating Company's Letter of Intention to Participate

【This page is generated online when selected.
To be uploaded once the collaborating company has affixed its corporate seal】

Our company (Name: _____) intends to participates in the industry-academia cooperation research project (Name: _____) , whose Principal Investigator is _____ and Barcode for Application No. is:_____) and to abide by the following:

I. Our company shall collaborate with the Principal Investigator, involve in this research project throughout and guarantee to pay NT$_____ as a collaborating company to support this research project and pay NT$_____ for an upfront fee of technology transfer or conduct technology transfer matters according to relevant regulations.

II. Our company guarantees to accept the scope and amount approved after review by the National Science and Technology Council regarding the equipment we provide for use in the project as a capital contribution.

III. This research project has never applied a subsidy to any other government agency (institution).

All content stated on the application form and the information provided by our company for this project correspond to our current status and facts and does not infringe any intellectual property rights including patents, copyrights, trademarks, or trade secrets of others. We shall take full responsibility for any false statements. This declaration serves as certification.

To: National Science and Technology Council (NSTC)

Responsible person of Collaborating Company: _____(Signature)

Corporate seal:

Day ___ Month ___ Year

National Science and Technology Council Grant Proposal
for Industry-Academia Cooperation Research Project

Collaborating Company's Application for Participation

I. General Information of Collaborating Company

Currency unit: NT Dollars

<table>
<tr><td colspan="2" rowspan="2">Research Project Title</td><td>Chinese</td><td colspan="5"></td></tr>
<tr><td>English</td><td colspan="5"></td></tr>
<tr><td colspan="2">Name of Principal Investigator</td><td></td><td>Position</td><td></td><td>Institution</td><td colspan="2"></td></tr>
<tr><td rowspan="10">General information of collaborating company</td><td>Company name</td><td colspan="3"></td><td>Business ID number</td><td colspan="2"></td></tr>
<tr><td>Name of responsible person</td><td colspan="3"></td><td>Address</td><td colspan="2">( )</td></tr>
<tr><td>Name of contact person for this project</td><td colspan="3"></td><td>Position</td><td colspan="2"></td></tr>
<tr><td>Telephone</td><td colspan="3">( )</td><td>Fax</td><td colspan="2">( )</td></tr>
<tr><td>E-mail</td><td colspan="6"></td></tr>
<tr><td colspan="7">Date of approved incorporation and registration/most recent date of approved changes: ____ (day) ___(month)___ (year)</td></tr>
<tr><td colspan="7">Total No. of employees:</td></tr>
<tr><td colspan="7">No. of employees in R&D:</td></tr>
<tr><td colspan="7">Authorized capital: NT$ Paid-in capital: NT$</td></tr>
<tr><td colspan="7">Annual sales: NT$</td></tr>
<tr><td colspan="7">Annual R&D expenses: NT$</td></tr>
<tr><td colspan="7">Public/private company: ☐ TWSE-listed ☐ TPEx-listed ☐ Public ☐ Private</td></tr>
<tr><td colspan="7">Industry:</td></tr>
<tr><td colspan="7">Science-park membership with NSTC: ☐ Hsinchu Science Park ☐ Central Taiwan Science Park ☐ Southern Taiwan Science Park ☐ No science park membership with NSTC</td></tr>
<tr><td colspan="3">No. of researchers participating in the project</td><td colspan="5">No. of researchers in Year 1:
No. of researchers in Year 2:
No. of researchers in Year 3:</td></tr>
<tr><td colspan="8">Whether the company has participated in a relevant government-sponsored project within the past five years:
☐ Yes (Please fill out Form T003) ☐ No</td></tr>
<tr><td colspan="8">The collaborating company must submit the following documents (Please refer to Form CM18A):
1. For a sole proprietorships, partnerships, and companies incorporated under the relevant laws of our country, or profit-seeking companies organized and registered under the laws of a foreign country and operating within the territory of the Republic of China, please provide the information on each collaborating company, company registration or business registration.
2. The most recent proof of payment of business taxes or corporate income taxes. (Please attach the corporate income tax return for the most recent year if the company has not paid taxes. Startups may submit the most recent business tax return. This document requirement may be exempted if there is a reasonable reason.)
3. If a collaborating company wishes to apply to provide equipment for project use as part of its contribution, valuation data and equipment details should be provided as part of the project application, along with the commitment statement to transfer the equipment ownership to the project executing unit within three months of the project contract signing, once Principal Investigator has obtained the signoff through the administrative procedures of the proposing institution and proceeded in accordance with the instructions in Section (III) and Section (III)2 of Form CM18A. Please also fill out Form CM10A for review and reference.
4. If there are two or more collaborating companies, it is necessary to provide a written agreement on the capital contribution ratio, rights and obligations of each collaborating company.</td></tr>
</table>

II. Descriptions about the collaborating company's current status in research and R&D momentum (including personnel, facilities and achievement).

III. The necessity and expected benefits specific to this project and for the development of the collaborating company (in addition to the written description, please explain in quantitative data the contribution to the collaborating company and tangible performance in promoting industry development such as increased output value).

IV. When there are two or more collaborating companies, the distribution of rights and interests (including royalties) and other relevant explanations (details not required if there is only one collaborating company).

Collaborating Company's Participation in Relevant Government-Sponsored Projects During the Past Five Years

(※Each collaborating company should provide the factual details for each project. Please include additional pages if necessary)

Currency unit: NT Dollars

Company Name:			
Research Project Title:			
Principal Investigator:			
Implementation period: ___ (month) ____(year) to ____(month)____(year)			
Manpower involved: ____man-months		Project concluded or not: ☐ Yes ☐ No	
R&D highlights and achievements:			
Total budget	Subsidizing or sponsoring unit	Subsidy or sponsorship	Out-of-pocket expenses

Form T003 Page ____of ____pages

II. Keywords and Abstracts (Chinese and English)

List keywords and summarize the main points of this grant proposal.

(I) Abstract in Chinese (maximum 500 characters).

(II) Abstract in English (maximum 500 words).

Please outline the objective of your research proposal and its potential impacts on society, economy, and academic development (maximum 300 words).

III. Project descriptions (Please provide the following details within 60 pages. For a sub-project as part of an integrated research project, please describe the relevance to other sub-projects):

(I) Project background and objectives: Please describe in detail the background, objectives and importance of this industry-academia cooperation research project; status with relevant projects domestic and overseas; cultivation of corporate R&D and talent; enhancement of value added for products and management/service performance, technological performance metrics, benefits, applications and potential; and list of important references. Please also analyze existing technical capabilities, patent strategies, market demand for the products and competitiveness (cost).

(II) Strengths in implementation (Please describe the collaborating company's strengths in executing this industry-academia cooperation research project).

(III) Research method and procedures. Please describe the following for each year:
1. Research method and rational adopted for this industry-academia cooperation research project
2. Expected possible difficulties and solutions
3. Use of important instruments
4. Necessity and expected results in detail if the research must be conducted overseas or in mainland China

(IV) Tasks, achievements and performance expected:
1. Work and outcome
2. Contribution to technological innovation and national development
3. Commercial benefits: technology transfers, extension of industry-academia cooperation, product sales, development of new business models and new ventures, use cases for the market, and development potential
4. Project advocacy: participation in domestic and overseas exhibitions and activities (e.g., international seminars and technology forums)
5. Training of participating personnel

III-1 Project Schedule (by Year)

Gantt Chart (Year ×)

Task \ Month	Year ×												
	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Remark
Workstream A													
A1 Task ××××××	Ex.	———	———	● A1									
A2 Task ××××××			Ex.	———	———	● A2							
…													
Workstream B													
B1 Task ××××××													
B2 Task ××××××													
…													
Expected cumulative progress (%)													

Form CM03A Page ____of ____pages

III-2 Project Milestones **(This page is important information for the project review)**

(I) This form may be set to reflect the execution of this industry-academia cooperation research project (e.g., monthly, quarterly, semi-annually for each year). Company involvement is also emphasized in audits.

Key tasks	Technological metrics to be audited (as quantitative as possible)			Description of company involvement		
Workstream A						
A1 Task	A1-1 Task	A1-2 Task	……	A1-1 Task	A1-2 Task	……
A2 Task	A2-1 Task	A2-2 Task	……	A2-1 Task	A2-2 Task	……
……						
Workstream B						
B1 Task	B1-1 Task	B1-2 Task	……	B1-1 Task	B1-2 Task	……
B2 Task	B2-1 Task	B2-2 Task	……	B2-1 Task	B2-2 Task	……
……						

(II) Summary of expected R&D outcomes of this industry-academia cooperation research project and the plan to utilize the results

(follow-up, manage and review after project execution and conclusion; product output and development plan; expected achievements once roll-out to the industry or the market, anticipated licensable products, commercial value of applications and production value, establishment of platforms, etc.)

III-3 Expected R&D Outcomes and Achievements

Achievement		Expected research outcomes and performance indicators (as the basis for follow-up, management and review)	Remark
Technology transfer		A total of ___ technology transfers anticipated for an aggregate monetary value of ___	
Patent	Domestic	Number expected: ___	
	Overseas	Number expected: ___	
Talent cultivation		No. of PhDs: (including ___ (how many) graduates working in the industry, of which ___ (how many) graduates working in the collaborating company)	
		No. of master's degree holders: (including ___ (how many) graduates working in the industry, of which ___ (how many) graduates working in the collaborating company)	
		Other professionals: _____ (including ___ (how many) graduates working in the industry, of which ___ (how many) graduates working in the collaborating company)	
Publications	Domestic	No. of papers published in journals: ___	
		No. of papers published in conferences: ___	
		No. of SCI papers: ___	
		No. of books: ___	
		No. of technical reports: ___	
	Overseas	No. of papers published in journals:___	
		No. of academic papers: ___	
		No. of papers published in conferences: ___	
		No. of SCI/SSCI papers: ___	
		No. of books: ___	
		No. of technical reports: ___	
Industry benefits	Commercialization	No. of newly developed products:___for an aggregate monetary value of ___	
		No. of newly developed services: ___for an aggregate monetary value of ___	
	Corporate benefits	Increase in revenues for a total of ___	
		Reduction in costs for a total of ___	
New businesses		No. of new companies: ___	Company name: _____
Others		Quantitative and qualitative descriptions about other industry-academia cooperation research projects, orders, other investments, MoU partnerships, international exhibitions, etc.: 1. Cooperative partner/research project title/No. of projects/monetary value 2. Company investment/technology transfers/ No. of projects/monetary value 3. MoU partners 4. Exhibitions/technologies showcased/No. of letters of intention for cooperation	

Note: In addition to the abovementioned achievements, expected other research outcomes and performance indicators based on the industry-academia cooperation research projects may be provided in the "Other" column as the basis for post-project follow-ups, management and review.

※ **Explanations for how to fill in this form:**

Achievement	Explanation
1. Technology transfers	Licensing fees, royalties, considerations, equity or other interests acquired by the execution institution during the period of project execution by managing and utilizing the R&D outcomes and working with the collaborating company. Please provide additional explanations if R&D outcomes are transferred to a non-collaborating company.
2. Patents (No. of patents)	No. of domestic/overseas patents pending or obtained on the basis of inventions, utilities or designs resulting from different research workstreams during the period of project execution.
3. Talent cultivation	(1) No. of students participating in different research workstreams of this project and No. of students in non-curriculum activities and training and education programs. (2) No. of graduates working in the industry: No. of students who participate in the project end up working in relevant industries after graduation. (3) No. of graduates working in the collaborating company: No. of students who participate in the project end up working in the collaborating company after graduation.
4. Publications (No. of papers)	No. of domestic/overseas publications (intellectual property) generated from different research workstreams during the period of project execution.
5. Commercialization	(1) Commercial achievements: New products/services developed by the collaborating company from different research workstreams during the period of project execution. Please provide additional explanations for improvement of products/services. (2) Corporate benefits: Benefits to the collaborating company from different research workstreams during the period of project execution. Firm-wide metrics calculated as increased revenues and reduced costs.
6. New businesses	Assistance to the collaborating company in creation of new companies by leveraging the new products/services developed by the project.

IV. Integrated Research Project:

(To be completed separately for each year by Principal Investigators of Main and Sub-projects)

(I) Integrated Research Project Categories:

If there are two or more collaborating companies, each collaborating company must contribute to 25% of the budget for the sub-project it participates in.

Categories	Principal Investigator	Institution/ Department	Position	Research Project Title	Collaborating company	Budget Requested (NT$)	Company contribution (NT$)
Main project							
Sub-project 1							
Sub-project 2							
Sub-project 3							
Sub-project 4							
Sub-project 5							
…							
Total for Each Year							

II. Describe Integrated Research Project on separate pages for each item below:

1. Necessity of integrated research: describe overall goals, work division and collaboration scheme, relevance among sub-projects, and degree of integration among sub-projects.
2. Personnel capabilities: describe the chief investigator's abilities in coordination and leadership, and each sub-project PI's specialization strengths and teamwork potential.
3. Integration of resources: describe the sharing of instruments among sub-projects, and the interchange of research experiences and results.
4. Any support from the proposing institution or other organizations.
5. Anticipated results or contributions of integrated research.

V. Application for subsidies and budgets

(I) Please sum up the expenses listed in item 7 (Form CM07 and Form CM07A), Item 8 (Form CM08A), Item 9 (Form CM10A), and Item 10 (Form CM09A) separately, and enter these amounts respectively into the columns for “personnel,” “consumables,” “equipment,” “travel expenses for international destinations - international cooperation and exchange,” “travel expenses for international destinations – attendance of international conferences,” “travel expenses for international destinations - explorative visits & inspection(s),” and “travel expenses for international destinations – participation in international exhibitions.”

(II) Overheads are the expenses required by the proposing institution to execute this research project. Please calculate the total sum of “personnel,” “consumables,” and “equipment” in the column "Funding requested from NSTC". The aggregate of these amounts should reach at least 15% (with 9% listed in the column "Funding requested from NSTC" as overheads, and the remainder listed in the column "Contribution from collaborating companies").

(III) Please fill in the number of doctoral researchers requested for each year. The recruitment of doctoral researchers shall be handled according to the “Regulations Governing the Recruitment of Visiting Science and Technology Personnel with Subsidies from NSTC.”

(IV) Depending on the project scale, the collaborating company may allocate its contribution to fund research management by Principal Investigator and co-principal investigators of an integrated industry-academia cooperation research project (each investigator must lead at least one sub-project) or research management by Principal Investigator of a standalone industry-academia cooperation research project (Form CM07A).

(V) Travel Expenses for International Destinations (Form CM09A) are to be requested by research personnel of this industry-academia cooperation research project from either the NSTC’s grants or the collaborating company’s contribution.

(VI) From the year 2025 onward and in response to increased funding for doctoral students participating in projects, please include the payment for part-time doctoral students (if any) in the monthly expenses (under “personnel expenses”) as part of the total budget. The funds will be distributed once reviewed and approved. Also, please provide the number of headcounts and the amount in Form CM07 and refer to the NSTC’s measures to increase funding for doctoral students.

(VII) Regulations regarding the contributions from collaborating companies to industry-academia cooperation research projects are as follows:

1. The total amount of contributions from collaborating companies must not fall below 25% of the total project budget for the year and must not be less than NT$250,000. For a project with two or more collaborative companies, each company's contribution must not fall below 12.5% of the total project budget for the year. For an integrated project with two or more collaborating companies, each company's contribution must not fall below 25% of the budget for the sub-project it participates in.
2. Collaborating companies may provide equipment for project use as part of the contribution. However, the total value must not exceed 60% of its contribution and must be within the equipment budget.
3. Collaborating companies may negotiate with the executing institution to pay an upfront fee for technology transfer, at no less than 8% of the total project budget. In this instance, the total contribution may be exempt from the 25% requirement specified in Clause (VII)1 but must not fall below 20% of the total project budget for the year. Meanwhile, the combination of the contribution and the upfront fee for technology transfer may not be less than NT$250,000. The amount and the licensing period are regulated as follows:
   (1) Those paying an upfront fee for technology transfer will be granted licensed rights for R&D results for up to three years from the signing date of the technology transfer agreement with this industry-academia cooperation research project.
   (2) Those paying an upfront fee for technology transfer at an amount equivalent to 15% or more of the total project budget will be granted licensed rights for R&D results

for up to seven years from the signing date of the technology transfer agreement with this industry-academia cooperation research project.

4. Collaborating companies that do not pay an upfront fee for technology transfer will have priority rights to negotiate technology transfer within one year after the project concludes.
5. The licensed content described in the two preceding clauses shall be agreed by the executing institution and the collaborating companies.
6. The contribution from collaborating companies must be used for execution or relevant matters of this industry-academia cooperation research projects and may not be used arbitrarily.
7. The regulations on the projects in humanities are follows:
   (1) The contribution from a collaborating company must not fall below 20% of the total project budget for the year and must not be less than NT$200,000. For a project with two or more collaborating companies, each company's contribution must not fall below 10% of the total project budget for the year. For an integrated project with two or more collaborating companies, each company's contribution must not fall below 20% of the budget for the sub-project it participates in.
   (2) A collaborating company that pays an upfront fee for technology transfer in accordance with Clause (VII)3 may be exempt from the aforesaid 20% requirement for the total contribution. That said, the total contribution must not fall below 15% of the total project budget for the year. Meanwhile, the combination of the contribution and the upfront fee for technology transfer may not be less than NT$200,000.
   (3) The amount and the licensing period stipulated in Clause (VII)3 shall apply to the payer of an upfront fee for technology transfer according to the preceding paragraph.

(VIII) After the NSTC has approved the industry-academia cooperation research project, the collaborating company shall pay the full contribution in one lump sum into the account designated by the project executing institution. The funds will then be available for use.

(IX) In case of support from the proposing institution or other organizations (including ~~industrial~~ support from domestic and foreign, Mainland China, Hong Kong and Macau), attach relevant documents or evidence of support.

Industry-Academia Cooperation Research Project
Summary of Budget Requirements

Currency unit: NT Dollars

Budgetary planning		Subsidies requested from NSTC			Contribution from collaborating company (Please provide the total contribution if there are two or more collaborating companies)			Total budget
		First year from __/__/__to__/__/__ (MM/DD/YY)	Second year from __/__/__to__/__/__ (MM/DD/YY)	Third year from __/__/__to__/__/__ (MM/DD/YY)	First year from __/__/__to__/__/__ (MM/DD/YY)	Second year from __/__/__to__/__/__ (MM/DD/YY)	Third year from __/__/__to__/__/__ (MM/DD/YY)	
Operating expenses								
Personnel								
Consumables								
Equipment								
Travel expenses for international destinations								
International cooperation and exchange								
Attendance of international conferences								
Explorative visits & inspection(s)								
Participation in international exhibitions								
Overhead								
Estimated expenses for doctoral research								
Total								
Doctoral Research Fellow(s)	Domestic or Foreign	___ persons	___ persons	___ persons				
	Mainland China	___ persons	___ persons	___ persons				
Contribution ratio by providing equipment								
Upfront fee for technology transfer (blank if not applicable)								

Items subsidized by the proposing institution or other organizations (including domestic and foreign entities, entities in mainland China, Hong Kong, and Macau) (blank if not applicable)

Supporting Institution	Items Funded (Personnel, Equipment, etc.)	Amount of Funding	Funding Period	Evidence of Support

Explanation	1. Please refer to the NSTC's regulations regarding grant applications for both industry-academia cooperation research projects and special-topic research projects when filling out this form. 2. According to the regulations, if a collaborating company terminates the contract during the execution of the industry-academia cooperation research project, the company may not claim any rights to the research and development outcomes of the project. The contribution and any upfront fee for technology transfer will not be refunded. The same applies to the collaborating company that withdraws halfway through the project. 3. For industry-academia cooperation research projects with a one-year execution period, the upfront fee for technology transfer shall be paid in full once the NSTC has approved the project. For projects with an execution period of more than one year, the NSTC will approve the project grants separately for the second or the third year and calculate the upfront fee for technology transfer annually and accordingly. The collaborating company may either pay the full amount in a lump sum or make annual instalments. 4. If a collaborating company intends to provide equipment for project use as a percentage of its contribution, please refer to Article 13 of the Operational Guidelines Governing Subsidies from National Science and Technology Council to Industry-Academia Cooperation Research Projects. 5. Please list by year.

Itemized Use of Collaborating Company's Contribution

Currency unit: NT Dollars

The collaborating company's contribution will fund the following items. (※Please list separately if there are two or more collaborating companies.)

Company name				
Budgetary planning	Year 1	Year 2	Year 3	Total budget
Operating expenses				
Personnel				
Consumables				
Equipment				
Travel expenses for international destinations				
International cooperation and exchange				
Attendance of international conferences				
Explorative visits & inspection(s)				
Participation of international exhibitions				
Overhead				
Total contribution				
Offering of equipment as a percentage of contribution				

☐Yes ☐No

1. If the collaborating company is providing equipment for project use as part of its contribution within the equipment budget, and "Yes" is selected, valuation data and equipment details should be provided as part of the project application for review and reference, along with the commitment statement to transfer the equipment ownership to the project executing unit within three months of the project contract signing, once Principal Investigator has obtained the signoff through the administrative procedures of the proposing institution and proceeded in accordance with the instructions in Section (III) and Section (III)2 of Form CM18A.
2. When a collaborating company provides equipment for project use as its contribution, please include the amount in the "Equipment".
3. If there are two or more collaborating companies, please list them separately.
4. Please list by year.

VI. Key Professional Personnel:

(I) Indicate "staff type" in the following order: principal investigator (PI), collaborating principal investigator (co-PI), assistant investigator, and doctoral research fellow.

(II) The Key Professional Personnel refer to those involve in research work (including those who are unpaid). Please fill out in detail with accuracy.

(III) To apply for the funding of doctoral researchers, please also fill out Forms CIF2101 and Form CIF2102 (if you already have a candidate, please make sure to provide the name and the candidate's personal data sheet along with this project proposal to the NSTC), and describe the following by year regarding the participation of doctoral researchers in this project:

1. Purpose and necessary expertise
2. Research undertakings
3. Workload and its impact on the project
4. Performance evaluation criteria

(IV) Average weekly work-hour ratio (expressed in percentage) refers to the number of work hours spent per person each week on this research project as a percentage of the total weekly work hours. (For example, 50% indicates the researcher spends 50% of their full-time work hours each week on the research project.)

Staff Type	Name	Institution/ Department	Position	Role in Project	Percent of Effort*

VII. Personnel:

(I) In accordance with "Terms for Hiring Contract Research Personnel in NSTC-Granted Research Projects" and institutional regulations, provide an estimate of the research budget needed for recruiting full-time staff, part-time staff and temporary staff required to execute this research project. Please also indicate each person's role and definite work items and scopes in this research project for evaluation. Doctoral students can also apply to become full-time staff members.

(II) From the year 2025 onward and in response to increased funding for doctoral students participating in projects, please include the payment for part-time doctoral students (if any and including the increased funding of NT$10,000 per person each month) in the monthly expenses as part of the total budget. The funds will be distributed once reviewed and approved. Please provide in this form the number of headcounts and the enlarged budget and refer to the NSTC's measures to increase funding for doctoral students.

(III) Complete the table with separate pages for each year.

Currency unit: NT Dollars

Category	Budget (including NT$10,000 per month for each part-time PhD student)	Please indicate the role and definite work items and scopes in this research project
Total		

VII-1. Funding of Personnel with Contributions from Collaborating Companies

(I) Depending on the project scale, the collaborating company may allocate its contribution to fund research management by Principal Investigator and co-principal investigators of an integrated industry-academia cooperation research project (each investigator must lead at least one sub-project) or research management by Principal Investigator of a standalone industry-academia cooperation research project.

(II) Full-time personnel and doctoral researchers may receive compensation from either the NSTC's subsidies according to its relevant regulations, or from the contribution by a collaborative company in accordance with the company's salary standards.

(III) Full-time personnel and doctoral researchers who are receiving compensation from the NSTC's subsidies may still receive allowances from the collaborating company's contribution, provided that such allowances do not exceed half of the research personnel compensation they are receiving.

(IV) The collaborating company's contribution may be earmarked to cover "Personnel Expenses" for doctoral researchers, full-time personnel and part-time personnel.

Currency unit: NT Dollars

Collaborating company:

Type	Name	Education	Work months	Year-end bonus (measured by monthly salary)	Labor and national health insurance	Monthly compensation	Subtotal	Items, scope, content and details of undertakings for this research project
						Total		

(Each collaborating company fills out this form separately)

Form CM07A Page ____of ____pages

VIII. Consumable Expenses:

(I) Complete this form for all consumables (excluding research equipment), books and miscellaneous expenses needed for executing this research project.

(II) For "description," indicate product specifications, functions, and relevant information.

(III) If proposing institution provides support or funding, indicate in "remarks" column.

(IV) Complete the table with separate pages for each year.

Currency unit: NT Dollars

Item	Description	Unit ("Piece," "Ream," "Batch", "Box," etc.)	Quantity	Unit price	Amount	Funding Requested From		Remark
						NSTC	Collaborating company	
Total								

Form CM08A Page ____of ____pages

IX. Equipment Expenses:

(I) This includes the procurement and installation expenses of any instruments, machinery, and information equipment (including computer facilities, network systems, peripheral equipment, and software packages such as operating systems, software upgrades, updates, and application system development with benefits exceeding two years) that are required for the research project execution, come at a unit price of NT$10,000 or more and offer a service life of at least two years. The procurement is limited to equipment directly related to this industry-academia cooperation research project. Indicate subtotals for each piece of equipment in the "Amount" column.

(II) Attach price appraisal form for equipments above NT$200,000.

(III) If the proposing institution or another organization provides funding for equipment, indicate supporting institution and amount funded.

(IV) For each piece of instrument or equipment costing NT$600,000 and above, attach important documents and indicate specifications and functions (including sensitivity, accuracy, etc.), important features, and significance for this project. If funding for this equipment is granted, the PI should maintain it and allow other researchers outside this research project to make full use of it, provided that such use does not interrupt the research work described in this proposal.

(V) If the principal investigator, when carrying out this research project, wishes to apply for the purchase of a large-scale equipment of unit price of or above NT$ 10,000,000, please fill out form CM10-1. If a subsidy of or above NT$ 10,000,000 has been approved by this Council for the said piece of equipment, a separate planned project will be granted, and the principal investigator should follow the management and assessment regulations of large-scale equipments of this Council.

(VI) The PI should upload the information of the large-scale equipment in form CM10-1 to the NSTC's web site(https://www.nstc.gov.tw/folksonomy/instrument?l=ch) once the instrument is approved and funded.

(VII) Complete the table with separate pages for each year.

Currency unit: NT Dollars

Type	Equipment (Chinese/ English)	Description	Quantity	Unit price	Amount	Funding Requested From		
						NSTC	Collaborating company	Other Institutions
Total								

Form CM10A

Page ____of ____pages

National Science and Technology Council
Grant Proposal of Large Instrument

I. General Information

Project Term		From to （MM/DD/YY）		
Institution/Department				
Principal Investigator (PI)			Position	
Research Project Title	Chinese			
	English			
Instrument Name	Chinese			
	English			
Person in charge of Instrument			Position	
Research Project Discipline which this is affiliated with (ref: “Discipline Code Table”)		Discipline Code	Discipline	

Applicant, PI (Signature):_____ Date: _____

Dean of Research and Development (Signature): _____ Date: _____

President (Signature): _____ Date: _____

II. Budget Request:

(I) Any budget request for an instrument, which unit price is equal or over NT$10 million, must be directly affiliated with the PI's research project. Please fill out the corresponding "subtotal" with the sum for peripheral apparatuses listed.

(II) A quotation is required for each intended purchase.

(III) Please provide the name of the proposing institution or other organizations, the amounts of matching fund, and the documentary proofs for each matching fund item.

Currency unit: NT Dollars

Type	Instrument/ Device (in Chinese/English)	Description	Quantity	Unit price	Amount	Funding Requested From		
						Fund from NSTC	Collaborating company's contribution requested	Matching funds from others (please include institute name and the amount)
Total								

Matching funds from others(go to the next page if none): **matching funds should be listed with discretion (the matching funds listed below shall have first priority in use)**

Institution	Matching Item	Matching Amount	Executive year	Documentary proof

III. **Instrument Introduction** (please describe specifications, functions, and applications of instruments, auxiliary parts, and peripheral apparatus)

IV. **The association between the instrument and research project** (Please state the need, necessity and urgency of this purchase in detail)

V. **Survey of domestic instruments** (Please provide the current number of devices with identical functions and their operation status)

VI. **Project PI's expertise in relation with the instrument** (research achievement and experiences with the same or similar instruments)

VII. **Instrument operation planning within the project term**

VIII. **Planning of instrument maintenance and management**

IX. **Space Arrangement** (Please describe the location, space, and vicinity, etc.)

X. **Post-project maintenance and operation strategy** (Please state any plans for research and/or service purposes)

XI. **Training program for instrument operation and maintenance** (Please list student trainees, full-time and part-time technicians, operation schedules, and training courses)

XII. **Other applications and potential users of the instrument**

XIII. **Experiences on NSTC instrument operation and management**

X. Travel Expenses for International Destinations

(I) Research personnel in this industry-academia cooperation research project may apply for funding from either the NSTC's subsidies or a collaborating company's contribution.

(II) Please list separately the following categories of travel expenses for international destinations and describe the details:

1. International cooperation and exchange: Principal investigators and project participants may apply for funding when international cooperation and exchange activities are necessary for project execution. Please describe in detail the nature and content of the international cooperation and exchange activities (including locations, purposes, itineraries, and summaries).
2. Attendance of international conferences: Principal investigators and project participants may apply for funding to attend international conferences. Please describe in detail the nature of the international conference scheduled to attend and the applicant's presentations at international conferences abroad in the past three years (including conference names, dates, locations, topics, and sponsoring organizations).
3. Explorative visits & inspection(s): Principal investigators and project participants may apply for funding when the explorative visits & inspection(s) is necessary for project execution. Please describe in detail the nature and content of the explorative visits & inspection(s) (including locations, purposes, itineraries, and summaries).
4. Participation in international exhibitions: Principal investigators and project participants may apply for funding when participation in international exhibitions is necessary for project execution. Please describe in detail the nature and content (including international exhibition names, locations, and organizers).

(III) Please fill out the standards for living expenses, airfare, and other expenses in accordance with the Executive Yuan's Schedule of Subsidized Items and Amounts for Overseas Studies, Research, and Internships of Personnel from Central Government Agencies (Including State-owned Enterprises) (http://law.dgbas.gov.tw/LawContent.aspx?id=FL020312).

(IV) Convert all currencies into NT dollars and specify exchange rate.

(V) Fill in separate pages for each year.

Currency unit: NT Dollars

Type	Anticipated itinerary, number of days, destination, summary and budget for each person	Funding Requested From	
		NSTC grants requested	Collaborating company's contribution requested
International cooperation and exchange			
Attendance to international conferences			
Explorative visits & inspection(s)			
Participation in international exhibitions			

XI. Request for Use of Ocean Research Vessels:

Project Title	
Undertaking Department/Institute	
Principal Investigator	Name: Position:
Project Duration	

Ocean Research Vessel Request

Year /No. of days	Research vessel (NOR1, NOR2, NOR3, Legend)	Operation Purpose	Operation Areas (a map indicating cruise(s) with lat. and long. coordinates is required)	Will the operation enter overlapping or sensitive sea areas? (Y/N)
(e.g., 2025/25)				

Total Request:

No. of days during the year: R/V NOR1:_____days; R/V NOR2:_____days; R/V NOR3:_____ days; R/V Legend:_____days

No. of days throughout the project (multiple years): R/V NOR1:_____days; R/V NOR2:_____ days; R/V NOR3:_____days; R/V Legend:_____days

Contact person:_____ (Signature)

☐ I have submitted the marine surveying data in accordance with the "Marine Surveying Data Release Policy for Council of Science and Technology Funded Research Project."(Please attach the proof issued by NSTC Ocean Data Bank).

☐ I have provided a cruise planning map in operation areas through NSTC Ocean Data Bank Cruise Planner website (http://odbwms.oc.ntu.edu.tw/odbintl/rasters/cplan/).

Signature of the Principal Investigator:

Telephone: Fax:

Form completion date:

Form CM15 Page ____of ____pages

XII. All NSTC-Granted Research Projects Executed within the Past Three Years

Title of Research Project (For NSTC grant applications, indicate grant	Role/ Position	Duration (MM/YY~ MM/YY)	Funding or Sponsoring Institution	Project Status	Total Expenses

Form CM14

XII-1. All Non-NSTC-Granted Research Projects Executed within the Past Three Years

(Please provide the projects not subsidized by the NSTC (including projects in Taiwan, overseas, in mainland China, Hong Kong and Macau)

Research Project Title	Role/ Position (Principal Investigator, co-principal investigators or other roles)	Duration (MM/YY~ MM/YY)	Funding or Sponsoring Institution	Country	Project Status	Total Expenses

Form CM14-1

XIII. Research Projects and Key Achievements/Research Results of Principal Investigator/Co-Principal Investigator within Five Years Prior to Application Deadline (including those domestic, overseas, and those in mainland China, Hong Kong, and Macau) (This period may be extended to seven years for those who have taken maternity leave or parental leave, and may be extended according to the service period for those who have served mandatory military service, but relevant supporting documents must be provided)

(I) All research projects executed within five years prior to the application deadline (including those domestic, overseas, and those in mainland China, Hong Kong, and Macau) (including projects funded by government agencies/private enterprises). The information should include the titles of research projects (please indicate project numbers for those subdized by the NSTC), tasks undertaken by the principal investigator, project start/end dates, subsized/commissioned institutions, execution statuses, amounts subsidized/commissioned, and total budgets (Form CM16A).

(II) Description of key achievements or research results from projects executed within five years prior to the application deadline:

1. It is necessary to describe all important achievements and main R&D results from research projects, or R&D performance and outcomes from various types of industry-academia cooperation research projects and special-topic research projects subsidized by the NSTC (including intellectual property rights, patents, technology transfer, paper publications, technologies selected for showcase at the NSTC's Future Tech Pavillion, etc.) within five years prior to the application deadline. **For research projects subsized by the NSTC (especially various types of industry-academia cooperation research projects), principal investigators and co-principal investigators should provide specific details of R&D performance and achievements (including quantitative data) and indicate project numbers.**
2. **If performance cannot be specifically described (including quantitative data) or if technology transfer has not been conducted for the industry-academia cooperation research projects, please detail the reasons for reference during project review (Form CM16A).**

(III) Please attach up to five most representative publications, patents, or technical reports of the principal investigator and co-principal investigators within five years prior to the application deadline.

(IV) When applying for a multi-year project, it is necessary to complete online submission of both the summary progress report (made public in principle) and complete progress report (not made public in principle) for the previous year for review.

(V) Principal investigators and co-principal investigators must register R&D achievements including patents and technology transfers in the NSTC's Science and Technology Research and Development Results Information System (STRIKE) system (Path: National Science and Technology Council homepage → Login to "Academic Research Service Portal" on the right side → Select "Application and Query for Academic Awards → Select "STRIKE System". Patents and technology transfer data not derived from the NSTC projects can also be registered in this system as reference for project performance review.

XIV. Checklist of Sex/Gender Considerations for NSTC-Granted Research Projects

Researcher's Name:
Institution/Department: Position:
Research Project Title:

Explanation: If the special-topic research project this year involve human trials or human subjects research, it is necessary to fill out Checklist of Sex/Gender Research Considerations and upload the checklist onto the application system.

No.	Question	Response (Please provide as much information as possible and add additional pages if necessary)
1	What is the research subject of this project? (For example: disease, health condition, or phenomenon)	
2	Will different biological sexes be recruited/included as research participants or will human specimens from different biological sexes be used?	☐ Yes **(Please continue with the questionnaire)** ☐ No, this project only includes a single sex because the research subject only involves a single sex (e.g., ovaries, prostate). **(End of response)** ☐ No, please explain why. _____ _____ **(End of response)**
3	Based on literature review, are there biological sex differences in the research subject of this project (such as disease, health condition, or phenomenon)?	☐ Yes, there are known biological sex differences based on literature review. ☐ No, there are no known biological sex differences based on literature review. ☐ Unknown. No relevant studies revealed by literature review. **(Please continue with the questionnaire)**
4	Will the biological sex of research participants or human specimens be recorded?	☐ Yes, biological sex is one of the research variables of this project. **(Please continue with the questionnaire)** ☐ No, please explain why. _____ _____ **(End of response)**
5	Is there a plan to report results by different biological sexes? Table. Suggested Approach for Reporting Demographic Characteristics of Study Participants and Outcome by Sex and Gender (N = 59) Demographic Characteristics Total No. 59 Age range, y 18-90 Outcome, No. (%)[d] Male 20 (74) Female 30 (94) (Example: Clayton & Tannenbaum, 2016, JAMA)	☐ Yes, this project will report research results according to different biological sexes. ☐ No, please explain why. _____ _____

Explanations on How to Fill Out Checklist of Sex/Gender Considerations for NSTC-Granted Research Projects

I. Terminology

1. **Human trials**: This refers to trials and studies on human bodies conducted by medical institutions in accordance with medical theories and related to new medical technologies, new drugs, new medical devices, and bioavailability/bioequivalence of generic drugs. Article 8-I of the Medical Care Act
2. **Human subjects research**: This refers to research involving the acquisition, investigation, analysis, and utilization of human specimens (including fetuses and corpses) or information related to biological behavior, physiology, psychology, genetics, and medicine of individuals. Article 4-I-(1) of the Human Subjects Research Act
3. **Biological sex (sex)**: This is defined by biological attributes, mainly determined by chromosomes, reproductive organs, specific hormones, or environmental factors, and phenotypic characteristics in sexually reproducing organisms. It is typically categorized as female and male among humans.
4. **Social gender (gender)**: This is a concept distinct from biological sex and refers to socially constructed roles, behaviors, expressions, and self-identification. Therefore, in addition to the commonly known girls/women and boys/men, gender-diverse people are becoming increasingly common.

II. Guidelines on responses to each question

No.	Question	Guidelines on responses
1	What is the research subject of this project? (For example: disease, health condition, or phenomenon)	This question aims to help researchers and Review Committee members to quickly understand whether the research is relevant to both biological sex groups, which can usually be determined from the project title.
2	Will different biological sexes be recruited/included as research participants or will human specimens from different biological sexes be used?	(1) This question aims to remind researchers to avoid excluding any sex group without scientific justification (as the principle is to include both males and females in research). This can be determined from the study subjects and "inclusion/exclusion criteria" in the research design. (2) Research designs involving a single sex must have scientific justification such as: ▪ Research is on symptoms or phenomena specific to one sex (such as ovarian cancer or prostate cancer) → check "No" for the first item ▪ Due to extremely limited resources → check "No" for the second item and provide explanation ▪ Scientific appropriateness of studying a single sex in the context → check "No" for the second item and provide explanation (3) Please note that the mere absence of studies on sexual differences in the field yet does not constitute valid justification.
3	Based on literature review, are there biological sex differences in the research subject of this project (such as disease, health condition, or phenomenon)?	This question aims to encourage researchers to conduct thorough literature reviews to understand the influence and mechanisms of sex/gender in this field and topic.
4	Will the biological sex of research participants or human specimens be recorded?	(1) If study subjects include both biological sexes, sex data of subjects or samples should be recorded in theory, and in most cases "Yes" should be checked. (2) If there are special circumstances preventing the recording

		of sex data, researchers are encouraged to provide an explanation.
5	Is there a plan to report results by different biological sexes?	(1) This question aims to secure a commitment from researchers so that once the funding has been attained, they will provide data and results grouped by sex (for research transparency and reproducibility). (2) The figures in the form are for illustration only. Researchers can create tables according to the conventions in specific fields or for journals, as long as the data results are presented separately for males and females.

Note: **This form only checks for "biological sex"**. However, there may be situations beyond male and female even with biological sex. If this causes difficulties in completing the form, researchers are encouraged to explain their approach to handling "biological sex" as a variable, such as measurement methods, definitions, etc.

XV. Analysis of Intellectual Property Rights Strategy and Plan for R&D Results from this Industry-Academia Cooperation Research Project (This form must be completed if the total subsidy requested from the NSTC exceeds NT$5 million each year or NT$10 million for the entire project. No need to complete this form if not applicable):

Please provide specific details such as intellectual property rights involved in this research project; strategic planning and related patent analysis (patent map) of achievements; search results from relevant intellectual property rights websites or databases; plans for technology development (technology analysis) and R&D results.

Attachments

Please provide the relevant documents from the collaborating companies in the following sequence. (※Each collaborating company is required to provide the following documents)

(I) For a sole proprietorships, partnerships, and companies incorporated under the relevant laws of our country, or profit-seeking companies organized and registered under the laws of a foreign country and operating within the territory of the Republic of China, please provide the information on each collaborating company, company registration or business registration.

(II) The most recent proof of payment of business taxes or corporate income taxes. (Please attach the corporate income tax return for the most recent year if the company has not paid taxes. Startups may submit the most recent business tax return. (These documents in Items 2 and 3 may be exempted if there is a reasonable reason.)

(III) If a collaborating company wishes to provide equipment for project use (with commitment to transfer the equipment ownership to the project executing unit within three months of the project contract signing) as a percentage of its project contribution in accordance with Subparagraph 2 of Article 13 of the Operational Guidelines Governing Subsidies from National Science and Technology Council to Industry-Academia Cooperation Research Projects, it is necessary to provide valuation data and equipment details as part of the project application for the NSTC review, once Principal Investigator has obtained the signoff through the administrative procedures of the proposing institution. (Please select the attachments in sequence. No need for the attachments if not applicable.)

To provide equipment for project use as a percentage of its contribution, the collaborating company shall complete the equipment valuation according to regulations first. This is followed by the applicant's collation of relevant valuation data, consent to the company's commitment to transfer the equipment ownership to the project execution institution and obtaining of the signoff through the administrative procedures of the project execution institution. Equipment valuation serves as the basis for the collaborating company's application to provide equipment as a percentage of its contribution within the budget for equipment. If necessary, the equipment contribution to the project may be allocated to different years. If the project ends, is terminated or dissolved for any reason, or if the collaborating company terminates the contract or withdraws midway, the collaborating company may not claim ownership of the equipment.

- ☐ 1. Relevant valuation data for equipment provided for project use and letter of commitment to transfer project ownership to the project execution institution within three months of the project contract signing
- ☐ 2. Document of approval from the proposing institution's administrative procedures as the basis for the calculation of the percentage of the collaborating company's contribution (Appendix 1: Equipment Valuation Data)

(IV) If there are two or more collaborating companies, it is necessary to provide a written agreement on the capital contribution ratio, rights and obligations of each collaborating company.

Note: This form is for the entire duration of the project. Therefore, this form is not necessary for the application submitted as part of project plans for the second or the third year unless there is a newly joining collaborating company.

Please visit the National Science and Technology Council's website (https://www.nstc.gov.tw/) to inquire or download relevant regulations and forms under the section "Regulations and Forms: Subsidies".

Appendix 1: Relevant Valuation Data on Equipment Provided by Collaborating Company for Project Use

Subject: Please kindly find the attached application from our university's professor _____ to the National Science and Technology Council for _____ (Research Project Title) as an industry-academia cooperation research project. The collaborating company _____ is applying to provide equipment for project use as a percentage of its contribution. Please refer to Explanations for details. Please kindly approve the intention to affix a seal on Collaborating Company's Letter of Commitment.

Explanations:

1. Offering of equipment by a collaborating company for project use as a percentage of its contribution to an industry-academia cooperation research project in accordance with the Operational Guidelines Governing Subsidies from National Science and Technology Council to Industry-Academia Cooperation Research Projects: After the collaborating company has completed the equipment valuation for use of the industry-academia cooperation research project, the applicant shall collate relevant valuation data and consent to the company's commitment to transfer the equipment ownership to the project execution institution so that the equipment ownership can be transferred to the project executing institution within three months of the project contract signing. Once the signoff has been obtained through the administrative procedures of the project execution institution, equipment valuation may serve as the basis for a percentage of the collaborating company's contribution. If necessary, the equipment contribution to the project may be allocated to different years. If the project ends, is terminated or dissolved for any reason, or if the collaborating company terminates the contract or withdraws midway, the collaborating company may not claim ownership of the equipment.
2. The project applicant _____ and the collaborating company _____ are applying to the National Science and Technology Council for the industry-academia cooperation research project. The collaborating company would like to provide _____ (equipment) for project use as a percentage of its contribution. The present value of the equipment is NT$_____ and the collaborating company's total contribution to this project is NT$_____; hence, the equipment accounts for _____% of the collaborating company's total contribution, below the 60% limit set by the National Science and Technology Council.

(Form CM20A)

Collaborating Company's Letter of Commitment

Contract parties: _____ (hereinafter referred to as Party A)

_____(company) (hereinafter referred to as Party B)

Party A and Party B intend to submit an application for _____ (hereinafter referred to as "the Project") to the National Science and Technology Council regarding the equipment provided for project use as a percentage of the contribution to the industry-academia cooperation research project. Party B is committed to the provision of equipment listed in **Appendix 2** and relevant documents of proof are attached. The present value of the equipment is NT$_____ and the collaborating company's total contribution to this project is NT$_____; hence, the equipment accounts for _____% of the collaborating company's total contribution, below the 60% limit set by the National Science and Technology Council. If the National Science and Technology Council approves the application for this industry-academia cooperation research project, Party B shall transfer the ownership of the equipment listed in **Appendix 2** to Party A within three months of contract signing between Party A and Party B regarding the industry-academia cooperation research project. If the transfer is still not completed by the deadline, Party B agrees to unconditionally pay Party A in cash at an amount equivalent to the present value of the equipment listed in **Appendix 2**, to serve as funding for this project. If the National Science and Technology Council does not approve the recognition of the contributed percentage after review, Party B must agree to make up the difference. This Letter of Commitment is made in duplicate, with Party A and Party B keeping one copy each.

Party A: _____

Representative: _____ (signature)

Address: _____

Party B: _____ (Company)

Business ID number:

Representative: _____(signature)

Address:

〇〇 (day) 〇〇 (month) 〇〇 (year)

(Form CM20A)

Appendix 2: List of Equipment Committed and to be Provided by Collaborating Company

No. / Item	1	2	3
Equipment name			
Model Number			
Quantity (unit)			
Value of new equipment (NT$)			
Year of manufacture			
Service life (years)			
Years in service			
Depreciation ratio			
Depreciated amount			
Present value net of depreciation			
Contribution in kind (NT$)			
Company's total contribution			
Equipment as % of contribution			
How equipment will be used in project			

Note: Please provide detailed and accurate information for each item.

(Form CM20A)

Page ____of ____pages

National Science and Technology Council
Instructions for Use of Personal Data Form

I. All applicants for academic research subsidies from the NSTC must provide basic personal information for academic review purposes.

II. Data items:

(I) General information: including ID No., names in Chinese and English, etc. Foreign nationals without an ID number may use their ARC (alien resident certificate) number. If neither is available, please create a 10-digit number as the identification number by using the eight-digit date of birth (YYYYMMDD) followed by the first two letters of the last name, YYYYMMDD□□.

(II) Education: degrees obtained or highest level of education achieved.

(III) Current Position and experience: limited to full-time positions related to research within the organization.

(IV) Specialization: Please provide subject matter expertise related to the research direction.

(V) List of publications: It is recommended to present publications related to the project, limited to two pages.

(VI) R&D achievements and applications: Intellectual property rights and applications arising from personal R&D results. These are categorized as (1) patents (2) technology transfer (3) copyright licensing (4) other specific achievements.

III. Please log into Academic Research Service Portal on the NSTC's website (https://www.nstc.gov.tw/) and enter the abovementioned data. Please update online whenever personal information changes.

IV. Login methods:

(I) First-time users should go to the NSTC's homepage, enter "LOGIN ARSP" section, select "Create Account", input personal basic data and click "Confirm". Please print out Researcher Basic Information Form. Once the user and the user's unit supervisor have signed, please fax it to the NSTC's Department of Information Services (Fax number (02)2737-7691). The NSTC will complete identity verification within four working hours after the receipt of the fax and a confirmation letter (containing the account and the password) will be sent automatically.

(II) Those wishing to use natural person certificates must first log into the NSTC's Academic Research Service Portal by using the NSTC-issued account and password, then click "Register Natural Person IC Card Certificate" on the right side, followed by "Change Login Method." After the change has been completed, users can login by using the natural person certificate.

(III) Those who forgot their accounts/passwords can go to "LOGIN ARSP" section of the NSTC's homepage, click "Forgot Account/Password," and enter the verification prompt to obtain the original account and new password of Principal Investigator. For any questions, please call the NSTC's service numbers at (02)2737-7592/0800-212-058.

V. List of Publications: Principal Investigator should upload the electronic file (up to two pages). Once this has been signed by co-principal investigators for confirmation, the file should be submitted (up to two pages).

VI. In terms of researchers' basic personal data, names, affiliated institutions, work telephone phone numbers, and publication lists will be available for public queries on the NSTC's website. Personal data such as ID numbers, private phone numbers, registered household addresses, and dates of birth will not be disclosed to the public in accordance with the Personal Data Protection Act. Whether other information such as personal fax numbers, emails, education, experience, and specialization will be available for public queries on the NSTC's website depends on individual consent.

National Science and Technology Council
Personal Data Form

All the information below will be included in the NSTC's database. Names, affiliated institutions, work telephone numbers, and publication lists will be available for public queries on "Research Talent Database" section of the NSTC's website. Other personal data such fax numbers, emails, education, experience, and specialization will be available for public queries on the NSTC's website only if the researcher has indicated consent. Please select whether you agree or disagree. (If consent has been expressed in the past, there is no need for selection here.)

I. General Information:

Signature:

ID No.											Data of completion: day/ month/ year		
Chinese name					English name								
											(Last Name) (First Name) (Middle Name)		
Nationality					Sex						☐ Male ☐Female	DOB	____(day)___(month)___(year)
Address	☐☐☐☐☐												
Phone	(Office) (Home/Mobile)												
Fax											E-mail		

II. Education (Starting from the highest education. Please indicate "Currently studying" in the Degree column if not yet graduated.)

School	Country	Major	Degree	Start/end year/month
				From / to /
				From / to /
				From / to /
				From / to /

III. Current Job Position and Experience Related to Specialization (Full-time positions related to research, in reverse chronological order)

Institution	Faculty/Department	Position	Start/end year/month
Current:			From / to /
Experience:			From / to /
			From / to /
			From / to /

IV. Specialization (Please provide the fields and subfields pertinent to research directions)

1.	2.	3.	4.
5.	6.	7.	8.

Form C301 Page ____of ____pages

V. List of Publications

(I) Please provide a detailed list of academic publications published within five years prior to the application deadline (this period may be extended to seven years for those who have been pregnant and given birth and may be extended according to the service period for those who have served mandatory military service, but relevant supporting documents must be provided). Publications include journal articles, books, book chapter papers, conference papers, technical reports, and others. Please arrange in order of importance for each type of publications.

(II) Please list each type of publications in chronological order. For each publication, please make sure to include the names of authors (in original published order, with corresponding authors marked with an asterisk), year and month of publication, title, journal name (or book publisher), page numbers (start/end). For accepted but not yet published works, please attach the acceptance letter.

(III) Please indicate if the journal is indexed in SCI, EI, SSCI, or A&HCI. If the publication is based on results of an NSTC-granted research project, please include the NSTC project number at the end.

VI. Research and Development Results, Intellectual Property Rights and Applications

(I) Please categorize the intellectual property rights and applications based on your R&D results into: 1. Patents 2. Technology Transfer 3. Copyright Licensing 4. Others and enter these in the table below. If additional space is needed, please print and fill in extra pages.

(II) Please list entries in chronological order according to either the patent approval dates or the contract signing dates for technology transfer and copyright licensing.

1. Patents

Please list the patents still valid. Please indicate "Type" with the codes: (A) invention patent; (B) new model patent; (C) new design patent.

Type	Patent name	Country	Patent No.	Inventor	Patent owner	Approval date	NSTC project No.

2. Technology transfers

Technology	Patent name (N/A if the licensed technology is not patented)	Licensor	Licensee	Contract signing date	NSTC project No.
Results and performance: (additional pages if necessary)					

3. Copyrights: Please select one of the codes for "Type": (1) Oral and literary works; (2) Computer programs; (3) Audiovisual works; (4) Sound recordings; (5) Others.

Works	Type	Author	Copyright owner	Licensee	NSTC project No.
Results and performance: (additional pages if necessary)					

4. Other specific achievements as a result of assistance to technological development of the industry

National Science and Technology Council Grant Proposal for Industry-Academia Cooperation Research Project

Instructions for Results Report Submission and Reporting Format

I. Submission instructions

Given its support of academic openness, the NSTC encourages principal investigators to publish the research project results. That said, principal investigators should consider their confidentiality obligations for collaborating companies' trade secrets and take full responsibility for the content of project summary reports, complete reports, and the registration of utilization of R&D outcomes and achievements. The results report should appropriately disclose the contributions of project participants (including full-time and part-time personnel at all levels or graduated students) during the research process (including research conceptualization, project execution, and results writing), the completion status of tasks, and related publication of results, to ensure academic ethics. **In principle, the NSTC will make the summary reports public but not the complete reports.**

The deadline for submitting the results report is **three months** after the project completion (including projects concluded after a full year, projects not approved for following years, and projects terminated during the execution period). The project executing unit should submit the NSTC online the summary report and complete final report (electronic files) of the industry-academia cooperation research project. Principal Investigator and co-principal investigators must register patents, technology transfers, and other utilization of R&D results and achievements in the NSTC's Science and Technology Research and Development Results Information System (STRIKE)

(Path: National Science and Technology Council homepage → Login to "Academic Research Service Portal" on the right side → Select "Application and Query for Academic Awards → Select "STRIKE System".

For industry-academia collaborative research projects lasting two years or longer, the application and the plan for the following year should be submitted to the NSTC within three months before the end of the current year, along with the summary progress report and the complete progress report (electronic files) for the current year. The summary progress report and the plan for next year are both items for review. When writing the summary progress report, please carefully consider whether the intellectual property rights of project results can be made public.

II. Content and format of a complete report

This complete report format (see attachment) serves as a reference and does not restrict how research results should be presented. There is no page limit for the complete report, which should include the following in order: cover page, abstract in Chinese and English, table of contents, report content, references, project results self-evaluation, and appendices.

(I) Cover page (format shown in Appendix 1)

(II) Abstract in Chinese and English (up to 500 words in principle) and keywords

(III) Report content: This should include an introduction, research objectives, literature review, research methodology, talent cultivation results, technology R&D results, technical features, potential for industries, products for development, promotion and utilization value (e.g., higher production value, added value or profit, increase in investment/factory establishment and employment, etc.), performance and achievement (including industry benefits, technology transfers, and patents), results and discussion (including conclusions and suggestions, difficulties or obstacles encountered during project execution), etc. If papers have been published about this project (excluding student theses for degrees) (subsidized project number required in the acknowledgments section), excerpts from the papers may be used as part of the results report or included

as appendices. Please also specify the journal names, volumes/issues, publication dates, and relevance to the project. The papers cannot serve as the results report. Any publications, patents, technology transfer achievements, technical reports, or academic papers related to this project execution should be noted in the references section for further reference.

(IV) Page numbering: Please use Roman numerals (I, II and III...) for the abstract and the table of contents and Arabic numerals (1, 2, 3...) for report content and appendices, at the bottom of each page.

(V) Tables and figures can be placed within the body text or after the references. Please provide explanations for each table and figure.

(VI) For the project results self-evaluation section, please complete the self-evaluation form (Appendix 2 and Appendix 3) by evaluating how well the research content matches the original plan in reference to Project Milestones (Form CM03A) and Expected R&D Outcomes and Achievements (Form CM03A-1) provided in the industry-academia project application. Please conduct a comprehensive assessment on the attainment of expected goals, academic or practical value of research results, suitability for publication in academic journals or patent applications, technology transfer achievements, major findings (**briefly describe whether there are any findings that seriously harm public interests**), or other relevant values.

(VII) For projects that received international travel subsidies, please submit electronic files of relevant overseas trip reports online via the NSTC's website. Review reports should be submitted on international cooperation and exchange activities, explorative visits & inspection(s) or outcomes of cooperation and exchange (Appendix 4 and Appendix 5). Review reports and proofs of relevant activities or the complete reports or summaries should be submitted on the attendance at international conferences and participation in international exhibitions (Appendix 6 and Appendix 7).

(VIII) For research projects involving human trials or human subjects research, the results report should include Report on Sex Considerations for Research (Appendix 8).

III. Content and format of a summary report

The summary report format should follow the complete report format and in principle, come with four to ten pages. **Do not include in the brief report any content not appropriate for public disclosure** such as patents, technology transfers, other intellectual property rights, or matters affecting public order and good morals or disrupting political and social stability.

IV. Matters of attention for typing and formatting

1. Paper: Use A4 paper, 29.7cm in length and 21cm in width.
2. Spacing: No additional spacing between lines of Chinese characters. Single space for texts in English.
3. Fonts: The report's main body can be written in either Chinese or English. Use Times New Roman for English texts and KaiTi (標楷體) for Chinese text, with font size primarily set at 12pt.

Appendix 1

National Science and Technology Council Grant Proposal for Industry-Academia Cooperation Research Project

Results Report

(Research Project Title)

Project number: NSTC－　－　－　－　－
Execution period: from ____(day)___(month)___(year) to ____(day)___(month)___(year)
Execution unit:
Principal Investigator:
Co-principal investigators:
Participants:

Embargo (for public disclosure):

☐ Not to be disclosed

Disclosure (Consent from the collaborating company required if the company has made a contribution):

☐ Immediately

☐ In one year

☐ In two years

Whether the research provides value as a policy reference: ☐ No ☐ Yes, advice to agencies _____
(If "Yes" is selected, please list the competent authorities to which the research can serve as a reference.)
Whether there are significant findings that influence public interest: ☐ No ☐ Yes

____ (day) ____ (month) ____ (year)

Appendix 2

Self-Evaluation Form for Project Milestones (Please list by year)

I. This form is important to the project review. The schedule may be set to reflect the execution of this industry-academia cooperation research project (e.g., monthly, quarterly, semi-annually). Company involvement is also emphasized in audits.

Key tasks	Technological metrics to be audited (as quantitative as possible)			Description of company involvement
	Target	Achievement	Difference	
Workstream A				
A1-1 Task				
A1-2 Task				
……				
A2-1 Task				
A2-2 Task				
……				
Workstream B				
B1-1 Task				
B1-2 Task				
……				
B2-1 Task				
B2-2 Task				
……				

II. Expected R&D outcomes of this industry-academia cooperation research project and the plan to utilize the results: follow-up, manage and review after project execution and conclusion; product output and development plan; expected achievements once roll-out to the industry or the market, anticipated licensable products, commercial value of applications and production value, establishment of platforms and primary findings, etc.

Form CM03A Page ____of ____pages

Appendix 3

National Science and Technology Council Grant Proposal for Industry-Academia Cooperation Research Project

Self-Evaluation Form on R&D Results and Achievements

Outcomes		Expected research outcomes and performance indicators (as the basis for follow-up, management and review)	Achievement
Technology transfers		A total of ___ technology transfers anticipated	A total of ___ technology transfers completed
Patents	Domestic	Number expected	Number applied: ___ Number granted: ___
	Overseas	Number expected	Number applied: ___ Number granted: ___
Talent cultivation		No. of PhDs: ___ (including ___ (how many) graduates working in the industry, of which ____ (how many) graduates working in the collaborating company)	No. of PhDs: ___ (including ___ (how many) graduates working in the industry, of which ____ (how many) graduates working in the collaborating company)
		No. of master's degree holders: ___ (including ___ (how many) graduates working in the industry, of which ____ (how many) graduates working in the collaborating company)	No. of master's degree holders: ___ (including ___ (how many) graduates working in the industry, of which ____ (how many) graduates working in the collaborating company)
		Other professionals: _____ (including ___ (how many) graduates working in the industry, of which ____ (how many) graduates working in the collaborating company)	Other professionals: _____ (including ___ (how many) graduates working in the industry, of which ____ (how many) graduates working in the collaborating company)
Publications	Domestic	No. of papers expected to be published in journals: ___	No. of papers published in journals: ___
		No. of papers expected to be published in conferences: ___	No. of papers published in conferences: ___
		No. of SCI papers: ___	No. of SCI papers published: ___
		No. of books: ___	No. of books completed: ___
		No. of technical reports: ___	No. of technical reports completed: ___
	Overseas	No. of papers expected to be published in journals: ___	No. of papers published in journals: ___
		No. of academic papers: ___	No. of academic papers published: ___
		No. of papers expected to be published in conferences: ___	No. of papers published in conferences: ___
		No. of SCI/ SSCI papers: ___	No. of SCI/ SSCI papers published: ___
		No. of books: ___	No. of books completed: ___
		No. of technical reports: ___	No. of technical reports completed: ___
Industry benefit	Commercialization	No. of newly developed products: ____ for an aggregate monetary value of _____ anticipated	No. of newly developed products: ____ for an aggregate monetary value of _____ completed
		No. of newly developed services: ____ for an aggregate monetary value of _____ anticipated	No. of newly developed services: ____ for an aggregate monetary value of _____ completed
	Corporate benefits	Increase in revenues for a total of ____ anticipated	Increase in revenues for a total of ____ achieved
		Reduction in costs for a total of ____ anticipated	Reduction in costs for a total of ____ achieved

Outcomes	Expected research outcomes and performance indicators (as the basis for follow-up, management and review)	Achievement
New businesses	No. of new companies anticipated:	No. of new companies established: Company name: _____
Outcomes: Please describe (non-quantitatively) the benefits of technological applications arising from the project (up to 600 words).		
Comprehensive assessment on the alignment between the research content and the original plan, as well as the achievement of expected goals	☐ Goal achieved ☐ Goal not achieved (Please explain with up to 100 words) ☐ Experiment failed ☐ Experiment disrupted ☐ Other reasons Explanation:	
The research provides value as a policy reference	☐ No ☐ Yes, advice to agencies (If "Yes" is selected, please list the competent authorities to which the research can serve as a reference.)	
Whether there are significant findings that influence public interest	☐ No ☐ Yes Explanation: (up to 150 words)	

※ Explanations for how to fill in this form:

Achievement	Explanation
1. Technology transfers	Licensing fees, royalties, considerations, equity or other interests acquired by the execution institution during the project period by managing and utilizing the R&D outcomes and working with the collaborating company. Please provide additional explanations if R&D outcomes are transferred to a non-collaborating company.
2. Patents (No. of patents)	No. of domestic/overseas patents pending or obtained on the basis of inventions, utilities or designs resulting from research tasks during the period of project execution.
3. Talent cultivation	(1) No. of students participating in different workstreams of this project and No. of students in non-curriculum activities and training and education programs. (2) No. of graduates working in the industry: No. of students who participate in the project end up working in relevant industries after graduation. (3) No. of graduates working in the collaborating company: No. of students who participate in the project end up working in the collaborating company after graduation.
4. Publications (No. of papers)	No. of domestic/overseas publications (intellectual property) generated from different research workstreams during the period of project execution.
5. Commercialization	(1) Commercial achievements: New products/services developed by the collaborating company from different research workstreams during the period of project execution. Please provide additional explanations for improvement of products/services. (2) Corporate benefits: Benefits to the collaborating company from different research workstreams during the period of project execution. Firm-wide metrics calculated as increased revenues and reduced costs.
6. New businesses	Assistance to the collaborating company in creation of new companies by leveraging the new products/services developed by the project.

Appendix 4

National Science and Technology Council Grant Proposal for Industry-Academia Cooperation Research Project

Review Report on International Cooperation and Exchange

Date: (day) (month) (year)

Project number	NSTC — — — — —		
Research project title			
Name of employee who travelled overseas		Institution and position	
Travel days	From __ (day) __ (month) __ (year) to __ (day) __ (month) __ (year)	Destination	
Objective	☐ International cooperation in research ☐ Use of overseas research facilities ☐ Experiment ☐ Field investigation ☐ Sample collection		

I. Process of the international cooperation and exchange

II. Research findings

III. Recommendations

IV. If this overseas trip was for international cooperation in research, please specify the nature of the cooperation (select all that apply):

☐ Division of labor in research data collection
☐ Exchange and analysis of experimental/survey results
☐ Joint implementation of theoretical modeling and validation
☐ Joint implementation of synthesis and comparative analysis
☐ Joint efforts in component/product R&D
☐ Others (Please specify) _____

V. Others

Appendix 5

National Science and Technology Council Grant Proposal for Industry-Academia Cooperation Research Project

Review Report on Overseas Visit and Delegations

Date: (day) (month) (year)

Project number	NSTC — — — — —		
Research project title			
Name of employee who travelled overseas		Institution and position	
Travel days	From __ (day) __ (month) __ (year) to __ (day) __ (month) __ (year)	Destination	

I. Process of the visit and observations

II. Thoughts

III. Recommendation

IV. Others

Page ____of ____pages

Appendix 6

National Science and Technology Council Grant Proposal for Industry-Academia Cooperation Research Project

Review Report on Attendance of International Conference

Date: (day) (month) (year)

Project number	NSTC — — — — —		
Research project title			
Name of employee who travelled overseas		Institution and position	
Conference days	From __ (day) __ (month) __ (year) to __ (day) __ (month) __ (year)	Conference location	
Conference name	(Chinese) (English)		
Topic	(Chinese) (English)		

I. Participation in the conference

II. Thoughts on the conference

III. Paper (complete or summary) published

IV. Recommendation

V. Names and contents of takeaway materials

VI. Others

Page ____of ____pages

Appendix 7

National Science and Technology Council Grant Proposal for Industry-Academia Cooperation Research Project

Review Report on Participation of International Exhibition

Date: (day) (month) (year)

Project number	NSTC — — — — —		
Research project title			
Name of employee who travelled overseas		Institution and position	
Travel days	From __ (day) __ (month) __ (year) to __ (day) __ (month) __ (year)	Destination	
Exhibition name	(Chinese) (English)		
Exhibition topic	(Chinese) (English)		

I. Participation in the exhibition

II. Thoughts

III. Results showcased

IV. Benefits from the exposure (including commercialization and other academic/research institutions' intention for cooperation)

V. Recommendation

VI. Others

Page ____of ____pages

Appendix 8

National Science and Technology Council Grant Proposal for Special Topic Research Projects

Report on Sex Considerations for Research

Project number: NSTC - - - - -
Researcher's name:
Institution/Department: Position:
Research Project Title:

Explanation: If the special-topic research project this year involve human trials or human subjects research, it is necessary to include Report on Sex Considerations for Research along with the project progress/results report.

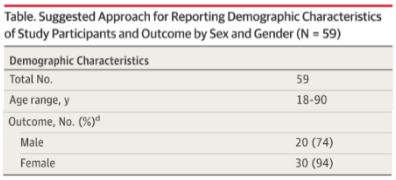
No.	Question	Explanation
1	Have the recruited/included research participants or the biological sex ratio of human specimen samples been recorded?	☐ Yes, the ratio is listed below: Male: _____ (%) Female: _____ (%) ☐ Yes, please refer to Page ___ of the progress/results report. ☐ No, this research is based on a single sex design because: _____. **(End of response)** ☐ No, this project plans not to record sexes because: _____ **(End of response)**
2	Are the results reported by different biological sex groups? (Example: Clayton & Tannenbaum, 2016, JAMA) 	☐ Yes, the research results have been published. Please refer to the reference: _____ ☐ Yes, the research results have not yet been published. Please refer to Page ___ of the progress/results report. ☐ No, the research is ongoing and there are not results yet. **(End of response)** ☐ No, this project plans to report results without biological sex grouping because: _____ **(End of response)**
3	Has any analysis been conducted on biological sexes (such as difference analysis, correlation and regression analysis, etc.)?	☐ Yes, the research findings have been published. Please refer to the following literature: _____ ☐ Yes, the research results have not yet been published. Please refer to Page ___ of the progress/results report. ☐ No, this plan does not plan to analyze the biological sex.

Table. Suggested Approach for Reporting Demographic Characteristics of Study Participants and Outcome by Sex and Gender (N = 59)

Demographic Characteristics	
Total No.	59
Age range, y	18-90
Outcome, No. (%)[d]	
Male	20 (74)
Female	30 (94)

National Science and Technology Council Grant Proposal for Industry-Academia Cooperation Research Project

Instruction on How to Report on Sex/Gender Considerations for Research

1. Terminology

(1) **Human trials**: This refers to trials and studies on human bodies conducted by medical institutions in accordance with medical theories and related to new medical technologies, new drugs, new medical devices, and bioavailability/bioequivalence of generic drugs. Article 8-I of the Medical Care Act

(2) **Human subjects research**: This refers to research involving the acquisition, investigation, analysis, and utilization of human specimens (including fetuses and corpses) or information related to biological behavior, physiology, psychology, genetics, and medicine of individuals. Article 4-I-(1) of the Human Subjects Research Act

(3) **Biological sex (gender)**: This is defined by biological attributes, mainly determined by chromosomes, reproductive organs, specific hormones, or environmental factors, and phenotypic characteristics in sexually reproducing organisms. It is typically categorized as female and male among humans.

(4) **Social gender (gender)**: This is a concept distinct from biological sex and refers to socially constructed roles, behaviors, expressions, and self-identification. Therefore, in addition to the commonly known girls/women and boys/men, gender-diverse people are becoming increasingly common.

2. Guidelines on responses to each question

No.	Question	Explanation
1	Have the recruited/included research participants or the biological sex ratio of human specimen samples been recorded?	This question aims to remind researchers to avoid excluding any sex group without scientific justification (as the principle is to include both males and females in research). (1) If subject recruitment has been completed, the biological sex ratio may be provided here or included in Page ____ of the progress/results report. (2) If the female/male classification is not suitable for your research design, you may modify or add categories as appropriate. (3) If a single-sex research design is adopted, please provide the rationale, or directly copy the reason previously provided in [Checklist Item 2]. (4) If the original plan did not include the recording of biological sexes, please provide the rationale, or directly copy the reason previously provided in [Checklist Item 4].
2	Are the results reported by different biological sex groups?	This question aims to remind the researcher of the commitment made during the application to provide data and results grouped by sex (for research transparency and reproducibility). (1) If the results are available, these can be provided by reference to a published paper in a journal or Page ___ of the progress/results report. (2) If the research is ongoing and there is no data or result yet, please select “No” in the first question and conclude the response. (3) If the results are not reported by different biological groups, please provide the rationale, or directly copy the reason previously provided in [Checklist Item 5].

3	Has any analysis been conducted on biological sexes (such as difference analysis, correlation and regression analysis, etc.)?	This question aims to encourage the researcher to conduct statistical analysis on biological sexes. However, it is up to the researcher's discretion whether to conduct such analysis or not. Analytical results related to biological sexes (if available) can be provided by reference to a published paper in a journal or Page ___ of the progress/results report.

Note: **This form only checks for "biological sex"**. However, there may be situations beyond male and female even with biological sex. If this causes difficulties in completing the form, researchers are encouraged to explain their approach to handling "biological sex" as a variable, such as measurement methods, definitions, etc.