**INDIA-TAIWAN PROGRAMME OF COOPERATION IN SCIENCE & TECHNOLOGY**

**CALL FOR JOINT RESEARCH PROJECT PROPOSALS 2024**

**APPLICATION FORM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Application Details** | | | | |
| **How to complete and submit this form**  Please check the Call For Proposal (CFP) – Terms, Conditions and Guidelines for Application before completing this form, it will provide valuable information and tips on how to answer each section. Requirements change between CFP, so please review this document even if you have entered previous such calls for proposal.  **Please ensure your submission is complete** and includes all required documentation for the relevant stage of the CFP. Details of any additional documentation required (includes appendices & documents) are included in the Call For Proposal (CFP) – Terms, Conditions and Guidelines document.  **Form layout**: The text entry areas within this form are fixed sizes. Please ensure all your text is contained within the boundaries of these areas (tip: *Print Preview* functionality will show you the entire document). Any content which is not visible on the form will not be passed on to the assessors. The typeface, font size and color for the text boxes are predetermined and cannot be changed. The document must be saved as Microsoft Word document (.doc or .docx), prefixed with the word FINAL.  Please note that this form can be used for a **single application ONLY**. If you wish to make multiple applications please request additional forms via our Support Helpdesk, or contact relevant Programme officers in India and Taiwan. If you are submitting multiple proposals, please make sure the correct application is uploaded to the correct secure FTP site login.  Please include with this application an MOU/letter of intent noting the IP arrangements, as well as resumes/CVs of key personnel. Additional documents may be required for applicants - for detailed guidelines and instructions, refer to the Call for Proposal (CFP) document.  **Do not provide narration of the technicalities involved. Only provide the quantitative description that can be quantified and measured. Please provide concise answer.** | | | | |
| **Call For Proposal** | | | | |
| **Project title:** | | | | |
| **Priority Research Area** | | | | |
| **Project timescales** | **Estimated start date:** | | **Duration: months** | |
| **Contact Information – Details of Indian Project Coordinator** | | | | |
| **Indian Project Investigator (PI) name:** | | | | |
| **Taiwanese Project Investigator (PI) name:** | | | | |
| **Project Leads contact details:** | | | | |
|  | | India | | Taiwan |
| Surname | |  | |  |
| First name (s) | |  | |  |
| Designation | |  | |  |
| Department | |  | |  |
| Date of birth | |  | |  |
| Gender | |  | |  |
| Nationality | |  | |  |
| Institute name/ place of work | |  | |  |
| Address | |  | |  |
| Postcode, city | |  | |  |
| Country | |  | |  |
| E – mail | |  | |  |
| Cell Phone Number | |  | |  |
| Fax number | |  | |  |
| Technology Sector (of the organisation) | |  | |  |
| Technology Subsector | |  | |  |
| Industry name where this research will make relevance | |  | |  |

*Note: Kindly add table of more partners*

**Contact Information – Other key participants/co-investigators from industry, academia, or government** *(wherever applicable)*

In order to offer further opportunities for government support we reserve the right to pass your contact details on to other government agencies. Acknowledgement**:** By submitting this application, you acknowledge that you have read the statement above and agree that your contact details can be passed to other government agencies.

**Applicant Number (Internal NSTC Reference):**

**Applicant Number (Internal INAE Reference):**

**TAB2: Overview**

1. ***Objective of the Project:*** *Describe in detail the objective of the proposed project (250 words)*
2. ***Detailed description of the Project:*** *Please provide a detailed description of the Innovation Content & Collaborative Objectives of your project****. (1500 words)***
3. ***Please provide description & details of Major Four Activities Proposed in this Collaboration: (500 words each)***

***Activity 1:***

***Activity 2:***

**4) *Industrial Relevance & Impact Envisaged of the Scientific Research Proposed in this Project (Describe in 250 – 400 words)***

**5) *Present association with Industry on the above stated area of collaboration:***

***5.a Details and Contacts:***

***5.b Brief write up on association with Industry in the proposed area of research:***

**6) *Collaboration R&D responsibility matrix with brief description on yearly basis:***

|  |  |  |  |
| --- | --- | --- | --- |
| ***S. No*** | ***Activies*** | ***Indian Institute*** | ***Taiwanese Institute*** |
| **1.** |  |  |  |
| **2.** |  |  |  |
| **3.** |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Year 1** | **Year 2** | **Year 3** |

**TAB 3: Research Plan and Milestones**

***1. Summary***

*Briefly describe the research plan and expected result of the proposed project: (1500 words)*

***2. Background*** *(1500 words)*

*Describe the study interests with respect to knowledge in the field and open questions that motivate this proposal. Explain the significance of this project and describe how it will contribute to the advancement of knowledge in your field of research. State what will be original about the proposed project compared to what has already been published in your area of research?*

***3. Partnership Aspects*** *(1500 words)*

*Outline the previous work and past performance of all applicants in the proposed area of research. Briefly describe their experiences and strengths and show their complementarities.*

***4. List of on-going and/or recent research projects with collaborators***

|  |  |  |  |
| --- | --- | --- | --- |
| ***Project Title*** | ***Research Area*** | ***Project Duration*** | ***Amount of funds & funding source*** |
|  |  |  |  |

Insert additional rows into the table, if required

***5. This section should describe the following important components:***

1. *Key Roles & Responsibilities of each Partners*
2. *Three defined Key Milestones and Timeline for these key milestones*
3. *IP generated through this project & agreed IP sharing arrangements; technological achievements; and other deliverables.*

|  |  |  |
| --- | --- | --- |
| **Milestones** | **Deliverables \*\*** | **Indicative Timeline\*\*\*** |
| **Milestone I**  (Mention only the technical milestones that will be achieved) | 1. (Should be project specific deliverables with technicalities)  2.  3. |  |
|  | 1. |  |
| **Milestone II** | 2. |
|  | 3. |
|  | 1. |  |
| **Milestone III** | 2. |
|  | 3. |

**TAB 4: Financials & Commercialization Plan**

* *This section should cover the high-level cost break up from partners and the* ***funds required from INAE*** *for the Indian PI, and the funds required from NSTC for the Taiwanese PI, over the period of three years connecting with* ***Key Milestones.***
* *An* ***Executive glimpse of the financial health of IPI and TPI*** *for last 3 years, with indications of how the partner intends to finance its share of the project activities.*
* *This section should also describe how the product will be commercialized.*
* *Discuss the project partners' abilities in accessing local, broader, and global markets.*
* *Provide some information and calculation in back-up slides to back-up these estimates on expected revenue*
* *Highlight of any cost related or market assumptions being made for these calculation*
* *Your views on following types of benefits*
  + *Commercial benefits*
  + *Societal benefits*
  + *Technology benefits*

1. Indian side **(mobility expenses)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **No. and duration of each visit to Taiwan** | **International air-fare and overseas insurance (only in INR for visits from India to Taiwan)** | **Accommodation, per-diem etc. in INR (for visits from Taiwan to India) as per the prescribed rates** | **Total** |
| 1st |  |  |  |  |
| 2nd |  |  |  |  |
| 3rd |  |  |  |  |
| Total |  |  |  |  |

1. Taiwanese side **(mobility expenses)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **No. and duration of each visit** | **International air-fare and overseas insurance (only in NTD for visits from Taiwan to India)** | **Accommodation, per-diem etc. (for visits from India to Taiwan)** | **Total** |
| 1st |  |  |  |  |
| 2nd |  |  |  |  |
| 3rd |  |  |  |  |
| Total |  |  |  |  |

1. Taiwan side **(other project/research costs)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
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| --- | --- | --- | --- | --- |
| **Year** | **Minor equipment(s) /**  **accessories etc** | **Chemicals & Consumables, if any** | **Man-power (project scientific staff)** | **Total** |
| 1st |  |  |  |  |
| 2nd |  |  |  |  |
| 3rd |  |  |  |  |
| Total |  |  |  |  |

1. Indian side **(other project/research costs)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Minor equipment(s) /**  **accessories etc** | **Chemicals & Consumables, if any** | **Man-power (project scientific staff)** | **Total** |
| 1st |  |  |  |  |
| 2nd |  |  |  |  |
| 3rd |  |  |  |  |
| Total |  |  |  |  |

## Research requiring authorizations or notifications

Indicate whether the proposed research includes:

|  |  |  |
| --- | --- | --- |
|  | **YES** | **NO** |
| Humans, human tissue samples or individual medical data |  |  |
| Vertebrates, decapods or cephalopods |  |  |
| Pathogens or genetically modified organisms |  |  |
| Human embryonic stem cells |  |  |

Please note that research on humans, human embryonic stem cells, vertebrates, decapods, cepaholpods, pathogens and genetically modified organisms needs authorization and/or notification.

## PART-4 (For Indian partners only)

* 1. List of on-going research projects with the Indian PI:

|  |  |  |  |
| --- | --- | --- | --- |
| **Title of the project** | Brief description | Duration with dates of commencement and completion of the project | **Funding available and source of funds** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

* 1. Infrastructure available/required to implement the project:

|  |  |  |
| --- | --- | --- |
| Facilities | List of items required for the project | If not available presently, how it is proposed to be procured/recruited. Please indicate the source of funding |
| Equipment |  |  |
| Manpower |  |  |
| Consumables and Contingencies |  |  |

* 1. Certified that the following Indian scientists SRF/JRF, Post-Docs are presently affiliated with the University/Institute and will be the official project participants for the entire duration of the project:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No. | Name of the project participant | Position held | From | To |
| 1. |  |  |  |  |
| 2. |  |  |  |  |
| 3. |  |  |  |  |

1. Please mention Name/Address/Contact details including email address/ area of specialization of 3 possible peer-reviewers of the project proposal.

|  |  |  |  |
| --- | --- | --- | --- |
| S. No. | Name and address of the expert | Contact details including email ID | Area of expertise / keywords |
|  |  |  |  |

# Statement of Cooperation & Certification

The form must be co-signed by at least two institute participants from Taiwan and India.

The participants signing below intend to co-operate within the project as described in this form with the aim of realizing the technical developments as set forth. In addition, the participants have or intend to put in place, a formal cooperation agreement.

They undertake to provide INAE and/or NSTC with updates of this form whenever significant change occurs, or at least once a year as well as a brief final report when finishing the project.

They also agree to provide information on the exploitation of project results on a periodic basis. They agree to include in any project related PR material, a reference to the support received under this Call for Proposals.

Unless otherwise stated, the information you enter in the application form is published and freely available to the public. If a particular field is marked ‘CONFIDENTIAL’, this means that access to the information within it is only available to INAE and NSTC.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ***Indian Project***  ***Investigator*** | ***Taiwanese Project***  ***Investigator*** | ***Partner 1***  ***(if any)*** | ***Partner 2***  ***(if any)*** |
| **Name of Institute** |  |  |  |  |
| **Signature (Authorized**  **Signatory)** |  |  |  |  |
| **Name of Signatory** |  |  |  |  |
| **Designation of Signatory** |  |  |  |  |
| **Seal of Organization** |  |  |  |  |
| **Place** |  |  |  |  |
| **Date** |  |  |  |  |

# Annexure I

List of Documents:

1. Covering Letter \*
2. Brief curriculum vitae \*
3. Publication list and list of patents (if applicable) \*
4. Completed Full Project Proposal in Application Form along with all annexures (signed and stamped by Authorised signatory) \*
5. Endorsement letter of association as per stipulated format (in the area of said research)\*
6. Memorandum of Understanding (MoU) between Indian Project Partners \*