**Accelerating Catalyzing Solutions for Climate Change’s Impact on Agriculture in India**

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| **Basic Information** | | | | |
| **Name of the organization:** | | | | |
|  | | | | |
| **Title Of the Proposal:** | | | | |
|  | | | | |
| **Proposal Duration(in Months):** | | | | |
|  | | | | |
| **Total Budget (Rs.) (in Lakhs):** | | | | |
|  | | | | |
| **Type of Organisation:** | | | | |
|  | | | | |
| **Proposal Submitted:** | | | | |
|  | | | | |
| **No. Of Collaborators:** | | | | |
|  | | | | |
| **Collaborator Details** | | | | |
| **Collaborator(s)** | **Name of Contact Person** | **Email Address** | **Collaborator Type** | **Collaborator Type2** |
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| **Particulars Of The Applicant** |
| **(Incase Of a Company)** |
| **Applicant Details** |
| **Name Of the Applicant:** |
|  |
| **Registered Office Address:** |
| **Address1: Address2:**  **Street/Village: City/Town:**  **State: Country:**  **Pin/Zip Code: Landline:**  **Mobile:**  **Fax: Website:** |
| **Details of the Project Implementation Site:** |
| **Address1\*: Address2:**  **Address3: City/Town\*:**  **Country\*: State\*:**  **Pin/Zip Code: Landline\*:**  **Mobile: Fax** |
| **Brief Background Of The Applicant** |
|  |
| **Date Of Incorporation Of The Applicant\*:** |
|  |
| **R&D Activity\*:** |
|  |
| **Trading / Imports & Marketing\*:** |
|  |
| **Applicant Registration Details** |
| **Applicant Type\*:**  **Incorporation Certificate(PDF Only Max. Size Upto 2MB.) \*:**  **Annual Report For Previous Three Financial Year(PDF Only Max. Size Upto 2MB.) \*:**  **Are The Shares Of The Company Held To The Extent Of 51% By Indian Citizens (including NRIs) \*:**  **Promoters Background Including Association With Other Industries And Contribution In Those Industries(PDF Only Max. Size Upto 2MB.) \*:**  **CA certified share holding pattern of the Company of current quarter as on 30-09-2023 (PDF Only Max. Size Upto 2MB.)(According to the Prescribed Format) \*:** |
| **Please attach a scan copy of the PASSPORT (first and last page only) or ADHAAR Card of all the shareholders holding more than 10% of company shares (PDF Only Max. Size Upto 2MB.):** |

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| **Particulars Of The Applicant** |
| **(Incase Of Individual)** |
| **Applicant Details** |
| **Name Of the Applicant:** |
|  |
| **Contact Details:** |
| **Address1: Address2:**  **Street/Village: City/Town:**  **State: Country:**  **Pin/Zip Code: Landline:**  **Mobile:**  **Fax: Website:** |
| **Brief Background Of The Applicant** |
|  |
| **Individual** |
| **Please Upload necessary documents proof for the same:**  **Please share a copy of your Passport/Adhaar Card/Pan Card in the manner of availability of these documents:** |

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| **Particulars Of The Applicant** |
| **(Incase Of a Institute)** |
| **Organisation Details** |
| **Date Of Incorporation of the Applicant\*** |
|  |
| **Recognition or Accriditation Status\*** |
|  |
| **Upload File\*** |
|  |
| **Describe the R&D Strategy and Portfolio/Pipelines(not more than 500 words):\*** |
|  |
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| **Details Of The Project Implementation Site\*** |
| **Address1\*: Address2:**  **Address3: City/Town\*:**  **Country\*: State\*:**  **Pin/Zip Code\*: Landline\*:**  **Mobile: Fax:** |

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| **Project Implementation Details** |
| **Incubation with any of the recognized Incubation Facility? \***  **Upload(Company Letter Head)\***  **Valid Upto:**  **Name Of Incubation Centre:** |
|  |
| **Outstanding Loan** |
| **Are There Any Outstanding Loans?\*:**  **Please Upload Details in** [**Prescribed Format**](https://www.birac.nic.in/user/downloadformat.php?filename=Loan_Format.doc):  **Has The Applicant Received/Applied For Funding From Government/Any Other Agency?\*( *If yes then details of research projects executed by the company  in last 3 years*):**  **Number of Times\*:** |

|  |  |  |  |  |  |  |  |  |
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| **Details Of The Funding Received By PI From Government/ Any Other External Agency For The Same Or Technically Related Projects**  In case of changing the status of proposal please select no of time again and fill fresh details. | | | | | | | | |
| **Project Title** | **Source Funding\*** | **Total Project Cost(Rs. In Lakhs)\*** | **Present Project Status\*** | **Date of Sanction** | **Date/Due Date of Completion** | **Amount Received As Grant-In-Aid(Rs. in Lakhs)** | **Amount Received As Loan**  **(Rs. in Lakhs)** | **Total Approval Cost**  **(Rs. in Lakhs)** |
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| **Principal Investigator Details** |
| **Title\*:**  **First Name\*: Last Name:**  **Designation\*: DOB\*:**  **Gender\*: Highest Qualification\*:**  **Email\*:**  **Address1\*: Address2:**  **Street/Village\*: City/Town\*:**  **Pin/Zip Code:**  **State\*: Country:**  **Area of expertise\*: Department\*:**  **Landline:**  **Mobile:**  **Upload Resume in Prescribed Format(Please Upload Signed Copy in PDF Format)\*:**  **Upload Organization's Authorisation Letter To For Submission Of Proposal In**[**Prescribed Format (Please Upload Signed Copy in PDF Format) \***](https://www.birac.nic.in/user/downloadformat.php?filename=Authorisation_letter_format_gci.doc)**:** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Applicant Team Members** | | | | | | | | |
| **S.No.** | **Name** | **Designation** | **Email** | **Landline** | **Mobile** | **Resume** | **Edit** | **Current Status** |
|  |  |  |  |  |  |  |  |  |
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**PROPOSAL DETAILS**

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| **PROPOSAL DETAILS** |
| **Executive Summary (500 words)**  **Please provide a summary of the proposal. Include background, a concise problem statement, primary objective, research question(s) that proposal will address, proposed approach, and impact of the study\*.** |
| Do Not Exceed 500 Word Limit |
| **Background (500 words)**  **Please mention the overall broad objective of the study, brief overview of previous efforts, scope and gaps in current knowledge and research question that this proposal aims to address as per the scope of the call. If your proposal is continuation of any previous work, please provide a brief description of same with appropriate supporting publications\*.** |
| Do Not Exceed 500 Word Limit |
| **Rationale (300 words)**  **Please mention how proposed work is innovative and how this research will help in bridging the existing knowledge gap\*.** |
| Do Not Exceed 500 Word Limit |
| **Goals and Objectives (300 words)**  **(Describe the hypothesis for this proposal and what you expect to establish at the end of study\* :** |
| Do Not Exceed 500 Word Limit |
| **Methodology and Implementation Plan (1000 words)**  **(Describe how you plan to undertake the proposed study, alternate approaches (if any), plan for effective collaboration and implementation.\* :** |
| Do Not Exceed 500 Word Limit |
| **Deliverables and Expected Outcome (500 words)**  **Based on study goal and objectives, please details the deliverable and expected outcome\*:** |
| Do Not Exceed 500 Word Limit |
| **Translation Value (300 words)**  **Please mention whether study will have applied value or have exploratory value in the area. Highlight if there is any scope of translation of the outcome of the study and if there are any short term or long-term implication(s) in agriculture. Also mention if any plan is envisaged by the PI to take forward the outcomes generated in this study\*:** |
| Do Not Exceed 500 Word Limit |
| **Feasibility and resources (500 words)**  **Address the feasibility of the proposed study in terms of availability of the resources needed to undertake study (expertise, capacity, equipment, infrastructure etc)\*:** |
| Do Not Exceed 500 Word Limit |

**PROPOSAL OBJECTIVE AND TIMELINES**

|  |  |  |  |
| --- | --- | --- | --- |
| **OBJECTIVES & WORKPLAN** | | | |
| **Objective** | **Methodology/Experimental Design**  **Detailed Work Plan** | **Alternate Strategies** | **Process Indicators for Measuring Success** |
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**OBJECTIVES AND ACTIVITIES & TIMELINES**

**OBJECTIVE (1):**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Select** | **Activities to be**  **undertaken to**  **achieve a particular objective** | **Month Of start Of Activity** | **Month Of End Of Activity** | **Deliverables** | **Name of team member / collaborator responsible for completing the activity** |
|  |  |  |  |  |  |

**1st Milestone under 1st Objective :**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Milestone** | **Month Of start Of Activity** | **Month Of End Of Activity** |
|  |  |  |  |

**OBJECTIVE (2) :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Select** | **Activities to be**  **undertaken to**  **achieve a particular objective** | **Month Of start Of Activity** | **Month Of End Of Activity** | **Deliverables** | **Name of team member / collaborator responsible for completing the activity** |
|  |  |  |  |  |  |
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**2nd Milestone under 2nd Objective :**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Milestone** | **Month Of start Of Activity** | **Month Of End Of Activity** |
|  |  |  |  |

**OBJECTIVE WISE BUDGET**

**BUDGET DETAILS**

|  |  |
| --- | --- |
| **OBJECTIVE** | **BUDGET (In Lakhs)** |
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|  |
| --- |
| Total |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No.** | **Milestones** | **Month Of End Of Activity**  **(In Months)** | **Description** |
|  |  |  |  |

**PROPOSAL MILESTONES**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Milestones** | **Month Of End Of Activity**  **(In Months)** | **Description** |
|  |  |  |  |
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**BUDGET JUSTIFICATIONS**

**DETAILS OF EQUIPMENTS AND ACCESSORIES**

**Avaliable Equipment Details**

|  |  |  |
| --- | --- | --- |
| **Details of Equipment Available for this Project with Applicant** | | |
| **Select** | **Name Of Equipment** | **Number of Units available** |
|  |  |  |
|  |  |  |

**Details of Equipment Available for this Project with Collaborators(s)**

|  |  |  |
| --- | --- | --- |
| **Company** | | |
| **Select** | **Name Of Equipment** | **Number of Units available** |
|  |  |  |
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**PROPOSED EQUIPMENTS & ACCESSORIES DETAILS**

**Details Of Equipment Proposed To Be Acquired Through BIRAC Contribution For Applicant**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Select** | **Infrastructure/ Equipment** | **Capacity** | **Quantity** | **Specific Requirement**  **In The Project** | **Total Estimated Value(Rs.In Lakhs)** |
|  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Total** |  |

|  |  |
| --- | --- |
| **Accessories To Be Acquired ( Rs in Lakhs):** |  |

**Details Of Equipment Proposed To Be Acquired Through BIRAC Contribution For Collaborator(s)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Select** | **Equipment** | **Capacity** | **Quantity** | **Name Of The Collaborator For Whom The Equipment Is Requested** | **Specific Requirement In The Project With Justification** | **Total Estimated Value(Rs. In Lakhs)** |
|  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Total** |  |

|  |  |
| --- | --- |
| **Collaborator Name** | **Accessories To Be Acquired ( Rs in Lakhs)** |
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**DETAILS OF MANPOWER**

**MANPOWER DETAILS AVAILABLE**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Manpower (Scientific and Technical) Already Available With Applicant Who Will Work In This Project** | | | | | | | |
| **Select** | **Name** | **Qualification** | **Age (In Years)** | **Full Time/Part Time (Specify Hours Per Day)** | **Experience (In Years)** | **Role In The Project** | **Position** |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Manpower (Scientific and Technical) Already Available With Collaborators(s) Who Will Work In This Project** | | | | | | | |
| **Select** | **Name** | **Qualification** | **Age (In Years)** | **Full Time/Part Time (Specify Hours Per Day)** | **Experience (In Years)** | **Role In The Project** | **Position** |
|  |  |  |  |  |  |  |  |

**MANPOWER DETAILS TO BE HIRED**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manpower (scientific and technical) to be hired for the project through BIRAC contribution for Applicant** | | | | | | | | | |
| **Select** | **Position** | **No Of Positions** | **Minimum Qualifications** | **Experience (In Years)** | **Age Limit, If Any (In Years)** | **Duration For Which To Be Hired (In Years)** | **Role In The Project** | **Proposed Annual Salary (Rs. In Lakhs)** | **Total Cost** |
|  |  |  |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manpower (scientific and technical) to be hired for the project through BIRAC contribution for Collaborator(s)** | | | | | | | | | | |
| **Select** | **Position** | **No Of Positions** | **Collaborator Where Manpower Is To Be Positioned** | **Minimum Qualification** | **Experience (In Years)** | **Age Limit, If Any (In Years)** | **Duration For Which To Be Hired (In Years)** | **Role In The Project** | **Proposed Annual Salary (Rs. In Lakhs)** | **Total Cost** |
|  |  |  |  |  |  |  |  |  |  |  |

**CONSUMABLES DETAILS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Through BIRAC Contribution For Applicant** | | | | | |
| **Select** | **Items** | **Quantity** | **Units**  **(e.g. g/ml etc.)** | **Approximate Cost**  **(Rs.in lakhs)** | **Justification For The Requiremen** |
|  |  |  |  |  |  |

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| **Total Amount Required For Consumables:** |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Through BIRAC Contribution For Collaborator(s)** | | | | | | |
| **Select** | **Items** | **Quantity** | **Units**  **(e.g. g/ml etc.)** | **Approximate Cost**  **(Rs.in lakhs)** | **Justification For The Requiremen** | **Collaborators** |
|  |  |  |  |  |  |  |

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| **Total Amount Required For Consumables:** |  |

**JUSTIFICATION FOR OTHER RECURRING HEADS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Through BIRAC's Contribution For Applicant** | | | |
| **Travel Cost (Rs. In Lakhs)** | **Travel Justification** | **Contingency Cost (Rs. In Lakhs)** | **Contingency Justification** |
|  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Through Contribution For Collaborator(s)** | | | | |
| **Collaborator(s)** | **Travel Cost (Rs. In Lakhs)** | **Travel Justification** | **Contingency Cost (Rs. In Lakhs)** | **Contingency Justification** |
|  |  |  |  |  |

**DETAILS ON WORK TO BE OUTSOURCED**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Select** | **Work Proposed To Be Outsourced** | **Name Of The Institution/Organization To Whom It Is Proposed To Be Outsourced** | **Whether The Applicant has Already Signed Any Contract With This Institution/Organization** | **Estimated Cost Involved In (Rs.in Lakhs)** |
|  |  |  |  |  |

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| --- | --- |
| **Total Support Requested From BIRAC** |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DETAILS ON WORK TO BE OUTSOURCED for Collaborator** | | | | |
| **Select** | **Work Proposed To Be Outsourced** | **Name Of The Institution/Organization To Whom It Is Proposed To Be Outsourced** | **Whether The Collaborator has Already Signed Any Contract With This Institution/Organization** | **Estimated Cost Involved In (Rs.in Lakhs)** |
|  |  |  |  |  |

|  |  |
| --- | --- |
| **Total Support Requested From BIRAC** |  |

**OTHER FINANCIAL DETAILS**

|  |
| --- |
| 1. **Details Of The Other Sources Of Funding Received/Requested/Committed For The Proposed Study. Please Include Government, Private, International Any Other Source.** |
|  |
| 1. **Funding Received So Far/Approved By Any Of The Government Agencies To The Applicant To Carry Out Any Other Activity During The Last Five Years(Give Details Like Project Title, Amount Received/Approved, Funding Agency And Status Of The Project)** |
|  |

**BUDGET DETAILS**

|  |  |  |  |
| --- | --- | --- | --- |
| **BUDGET DETAILS OF THE APPLICANT** | | | |
| **Non Recurring Cost(Rs. In Lakhs)** | | | |
| **Equipment**  **(A)** | **Accessories**  **(B)** | **Total**  **(A+B)** | **Total Support Requested From BIRAC (Rs in. Lakhs)** |
|  |  |  |  |
| **BIRAC Contribution In The Form Of** | | **Percentage** | **Amount ( Rs in Lakhs)** |
| **Grant-In-Aid** | |  |  |

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| --- | --- | --- | --- | --- | --- | --- |
| **Recurring Cost(Rs. In Lakhs)** | | | | | | |
| **Manpower (A)** | **Consumables**  **(B)** | **Travel**  **(C)** | **Contingency**  **(D)** | **Outsourcing**  **(E)** | **Total**  **(A+B+C+D+E)** | **Total Support Requested**  **From BIRAC (Rs in. Lakhs)** |
|  |  |  |  |  |  |  |
| **BIRAC Contribution In The Form Of** | | | | **Percentage** | **Amount ( Rs in Lakhs)** | |
| **Grant-In-Aid** | | | |  |  | |

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| --- | --- | --- | --- |
| **BUDGET DETAILS OF THE COLLABORATOR** | | | |
| **Non Recurring Cost(Rs. In Lakhs)** | | | |
| **Equipment**  **(A)** | **Accessories**  **(B)** | **Total**  **(A+B)** | **Total Support Requested From BIRAC (Rs in. Lakhs)** |
|  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Recurring Cost(Rs. In Lakhs)** | | | | | | | |
| **Manpower (A)** | **Consumables**  **(B)** | **Travel**  **(C)** | **Contingency**  **(D)** | **Outsourcing (E)** | **Operational**  **(F)** | **Total**  **(A+B+C+D+E+F)** | **Total Support Requested**  **From BIRAC (Rs in. Lakhs)** |
|  |  |  |  |  | |  |  |

**Budget Summary**

|  |  |  |
| --- | --- | --- |
| **Name of the Company :** | | |
| **Support Requested From BIRAC :** | | **Grant-In-Aid** |
| **Applicant** |  |  |
| **Collaborator** |  |  |
| **Sub Total:** |  |  |
| **Total Project Cost** | |  |
| **Budget Summary for Foreign Collaborators** | | |
| **Total Budget required for foreign collaborator (Dollars) :** | |  |

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| **IP DETAILS** |
| **1.1 Details of Background IP generated so far and possibility of generating new IP through this project \*:** |
|  |
| **1.2 Countries/jurisdictions where the applicant intends to practice/market the proposed technology \*:** |
|  |
| **1.3 List Of Patents That Appear To Cover Any Part Of The Technology Of Interest Or Similar (And Possibly Overlapping) Technologies And Thereby Restrict The Freedom-To-Operate In The Envisaged Area\* :** |
|  |
| **1.4 How Would The Present Proposal Be Able To Counter The Above Restrictions? \* :** |
|  |
| **1.5 List The Various Patented Technologies / Processes / Products That Would Be Made Use Of For Manufacturing / Commercialization Of The Proposed Product / Process Along With The Status Of The Patents.**  **Whether Permission / License For Use If Such A Patent Owned / Being Sought For By The Company? \* :** |
|  |
| **2. In Case The Technology Is Licenced From Abroad, Status Of Independent Validation In The Country Is To Be Provided Clearly \*:** |
|  |
| **3.1 Regulatory Approvals and Protocols \*:** |
|  |
| **3.2.B. Protocols: Protocol in the prescribed format required by the concerned agency for giving approvals :** |
|  |

**SUPPLEMENTARY INFORMATION (if any)**

Please Upload only pdf files

\* File Name should Contain only Alphanumerics(a-z,A-Z,0-9) and Underscore(\_)

\* File size should not be greater than 2MB

|  |  |
| --- | --- |
| **Attachment No.** | **Description** |
| **Provide references with full citations that are relevant to the proposal** |  |
| **Provide background on the current status of relevant research activities, either nationally or internationally** |  |
| **Describe the public disclosure for your proposal which could be put in the public domain** |  |
| **Details of any work to be outsourced** |  |
| **Please upload any additional information** |  |