**FAPESP-JST JOINT CALL FOR PROPOSALS on ‘Biotechnology/Bioenergy’**

**Joint Application Form**

Part I. General Information

1. **Title of Research Project**
2. **Research Theme (Subtopic)**

*Please check* (replace □ with ■) *which of the following the proposed research will fit into:*

|  |  |
| --- | --- |
| □ | Application of biotechnology for enhancing transfer efficiency of biomass to energy/value-added materials |
| □ | Application of biotechnology for crop improvement |
| □ | Genetic resources/microbiology for biotechnological application for food and bioenergy crops |

1. **Project Principal Investigators**

**Japan-based Principal Investigator**

Name (last, first):

Department, Faculty, Institution:

Position:

Tel:

E-mail:

**State of São Paulo-based Principal Investigator**

Name (last, first):

Department, Faculty, Institution:

Position:

Tel:

E-mail:

Part II. Abstract

*An abstract may not exceed 1 page and should include:*

*1. Objectives*

*2. Methodology*

*3. Potential scientific impact of the proposed research*

*4. Mode of cooperation*

*5. Potential social and economic impact of the proposed research*

Part III. Research Topic and Work Plan

1. **Detailed Description of the Joint Project**

*Please refer to the evaluation criteria in the guidelines. References should be listed at the end of this section. Description may not exceed 10 pages.*

1) **Problem statement**: *What will be the problem addressed by the project and what is its importance? What will be the contribution to the area if successful? Please quote relevant works in the field as needed.*

2) **Expected Outcomes**: *What will be created or produced as a result of the proposed project?*

3) **Scientific and technological challenges and the means and methods to overcome them**: *explain the scientific and technological challenges that the project proposes to overcome in order to achieve its objectives. Describe by what means and methods these challenges can be overcome. Cite references that help the reviewers who will analyze the proposal to understand that the mentioned challenges have not yet been overcome (or have not yet been adequately overcome) and that they can be overcome with the methods and means of the proposal under analysis.*

4) **Dissemination and evaluation**: *How should the project results be evaluated and how will they be disseminated?*

5) **Other support**: *Mention to any other support to the project, if any, in the form of funds, goods or services, but not including items such as use of the institution's facilities that are already available.*

6) **Bibliography**: *Up to 5 relevant scientific publications / patent applications of the joint project related to the proposal published in the past 5 years.*

1. **Time Schedule and Work Plan**

*Itemize the specific research activities conducted by each team in each year. The targets to be achieved with numerical goals and the role of each team should be included. Description for each team may not exceed 1 page, respectively.*

**Japan side**

1st Year

2nd Year

3rd Year

**State of São Paulo side**

1st Year

2nd Year

3rd Year

1. **Time Schedule and Research Exchange Plan – maximum 1 page**

*Including clear description of plan for joint workshops, researcher exchanges etc. in each year, purposes of and expected outcomes through these activities.*

1st Year

2nd Year

3rd Year

Part IV. Budget Description (for Japanese Team)

**Budget Summary in Japanese Yen**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Fiscal year 2023 | Fiscal year 2024 | Fiscal year 2025 | **TOTAL** |
| Direct Expenses |  |  |  |  |
| Facilities and equipment |  |  |  |  |
| Consumables |  |  |  |  |
| Travel |  |  |  |  |
| Personnel |  |  |  |  |
| Others |  |  |  |  |
| Total amount in Direct Expenses |  |  |  |  |
| Overhead Expenses |  |  |  |  |
| Overhead Expenses  (30% of Direct Expenses) |  |  |  |  |
| **TOTAL Budget Requested (Including Direct and Overhead Expenses)** |  |  |  |  |

Part V. Budget Description (for State of São Paulo team)

|  |  |  |
| --- | --- | --- |
| Expenditure Types | Value (R$) | Value (US$) |
| Capital expenses | | |
| Equipment |  |  |
| Costing Expenses | | |
| Material and Supplies |  |  |
| Per Diems |  |  |
| Third party services |  |  |
| Travel |  |  |
| Research Overhead – Direct Research Infrastructure Costs |  |  |
| Research Overhead – Fringe Benefits |  |  |
| Overhead for Importation Costs |  |  |
| Total |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Fellowship-Quotas | | | |
| Support Opportunity/Level | Workload | Duration (Months) | Quantity |
|  |  |  |  |

|  |  |  |
| --- | --- | --- |
| Fellowships – Associated Submission |  |  |
| Research Overhead – Institutional Research Infrastructure |  |  |
| Grand-Total – Requested Budget\* |  |  |

\*- Calculated by the exchange rate of the dollar used by FAPESP on the submission date.

Part VI. Research Participants

*Indicate “staff type” in the following order: Principal Investigator (PI), Co-Principal Investigator (co-PI), Other.*

**1. Japan-based Team**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Staff Type | Name (last, first) | Institution/Department | Position | Role in Project |
| PI/Co-PI/Other |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**2. State of São Paulo-based Team**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Staff Type | Name (last, first) | Institution/Department | Position | Role in Project |
| PI/Co-PI/Other |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Part VII. Personal Background Information – maximum 1 page per person

*Including education/training and professional background, most important 5 publications in the last 5 years, and notable awards and honors (up to 5 items)*

**1. Japan-based Team**

1. **Principal Investigator**

Name (last, first):

Department, Faculty, Institution:

Position:

1. **Co-Principal Investigator** *Please delete if not applicable*

Name (last, first):

Department, Faculty, Institution:

Position:

**2. State of São Paulo-based Team**

1. **Principal Investigator**

Name (last, first):

Department, Faculty, Institution:

Position:

1. **Co-Principal Investigator** *Please delete if not applicable*

Name (last, first):

Department, Faculty, Institution:

Position: