(Exhibit 5)

***(Delete this page before submission)***

● The Project Plan Proposal is organized as follows.

● **In principle, the study period is 5 years. Although it is possible to have a maximum study implementation period of 10 years, please produce a Project plan for the required period.**

● All applications for this Project are to be made on the “The Cross-Ministerial Research and Development Management System(e-Rad).” Please submit all necessary Forms via the e-Rad system.

※Please refer to (Exhibit 4) “How to Apply Using The Cross-Ministerial Research and Development Management System(e-Rad).””

※Please delete the blue characters when submitting.

|  |  |  |
| --- | --- | --- |
| Moonshot Type Agriculture, Forestry and Fisheries Research and Development Program | | |
| ・Forms | Cover | 【Required】 |
| ・Form 1－1 | Project Manager (PM) | 【Required】 |
| ・Form 1－2 | Scenario | 【Required】 |
| ・Form 2－1 | Project plan points | 【Required】 |
| ・Form 2－2 | Study Group Formation | 【Required】 |
| ・Form 2－3 | Role of Research Institute | 【Required】 |
| ・Form 2－4 | Project plan implementation system chart  (Study Group relationship chart) | 【Required】 |
| ・Form 2－5 | Project plan summary | 【Required】 |
| ・Form 3 | Project plan details | 【Required】 |
| ・Form 4 | Status of initiatives for intellectual property rights of planning institute, etc. | 【Required】 |
| ・Form 5 | Accounting business system | 【Required】 |
| ・Form 6 | Junior researcher participation | 【Required】 |
| ・Form 7 | Information management implementation system | 【Required】 |
| ・Form 8 | Information regarding conflicts of interest | 【Required】 |
| ・Form 9 | Statement of reason for using study management steering committee | 【Corresponding Project Plan only】 |
| ・Form 10 | Consent and Understanding | 【Required】 |

***(Delete this page before submission.)***

Proposal Form 　(Cover)　　　　　　　　　　　　　　　　　　　　　　　　　　　(Exhibit 5)

**Moonshot Type Agriculture, Forestry and Fisheries Research and Development Program**

**Project Plan Proposal**

**Please select the R&D target corresponding to the proposal issue.**

|  |  |  |
| --- | --- | --- |
| **Moonshot Goal 5 Creation of the Industry That Enables Sustainable Global Food Supply by Exploiting Unused Biological Resources by 2050** | | |
| **R&D target**  **(Please check one)** | **☐** | **Technical development of the circular foodproduction systems by biological measures, e.g.utilizing microbes and insects, by 2050.** |
| **☐** | **Development of technical solutions for eliminating food loss and waste and forachieving both healthy life and sustainable foodconsumption by 2050.** |

|  |  |
| --- | --- |
| Project  Name of Plan |  |
| Name of Representative Organization |  |
| Study implementation period | FY 2020-FY 202●(１) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Necessary expenses (total) (2) forecast 　(Unit: 1000 yen) | | | | | |
| FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | Total (3)  (5 years) |
|  |  |  |  |  |  |
| FY 2025～202●(4) | Total(5)  (Total period) |
|  |  |

(Note 1) Although the maximum study implementation period is 10 years (until FY 2029), please enter the necessary study period.

(Note 2) Please enter the necessary expenses (total) for each fiscal year in the forecast amount (total) of research funds for each fiscal year as stated in (１) of the Application Guidelines4.

(Note 3) Please enter the total forecast amount of research funds from FY 2020 to FY 2024.

(Note 4) Please enter the total forecast amount of research funds from FY 2025 to FY 202●.

(Note 5) Please enter the total forecast amount of research funds for the total study period (FY 2020～FY 202●).

|  |  |  |  |
| --- | --- | --- | --- |
| Project Manager (PM) | | | |
| Name of PM |  | Job Title |  |
| Name of employing institution/office |  | | |
| Accountancy manager (Representative Organization) | | | |
| Name of accountancy manager |  | Job Title |  |
| Name of employing institution/office |  | | |

**Form １－１【PM】*Required　1 x A4 paper***

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name of Plan |  | | |
| Name of Representative Organization |  | Name of PM |  |

**１．Suitability as PM for this Project**

Please enter the following points.

・Your wide personal network of relevant domestic and international researchers, etc. and specialist knowledge for the promotion of cutting-edge R&D

・Your management capabilities and leadership capabilities for flexible system review, etc. in line with the status of progress, etc. and for the construction of optimal R&D systems

**2．Policies for R&D Project management implementation**

・Please enter the policies for the management of the proposed R&D Project in light of the study history and management experience of the proposer.. When filling this in, please also state what kind of initiatives will be made for intellectual property management and research data management.

**3．PM Information**

**① PM CV, etc.**

|  |  |
| --- | --- |
| Name |  |
| Educational background |  |
| Degree |  |
| Main work experience  Study details |  |

1. **Main research papers, publications and patents acquired**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Degree | Affiliations/Job Title | Main research papers, publications and patents (up to five of the key items within recent years) | Connection to Project plan |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

(Note 1) Please place an “◎” next to the items that are connected to the proposed Project plan.

(Note 2) Underline the name when the author (co-author) includes the proposer and a main researcher

1. **Effort**

|  |  |
| --- | --- |
| Ratio (％) |  |

(Note) Effort refers to the ratio (％) of time allocation required for the implementation of each research activity, etc., against the total work hours (total essential work hours including not only research activities but also education activities, etc.) per year.

Also, in the case that the topic for which the application is made is selected, the effort will be determined once again at that time and registered on e-Rad.

**Form １－2【Scenario】*Required　1 x A4 paper***

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name of Plan |  | | |
| Name of Representative Organization |  | Name of PM |  |

**Scenarios leading to achievement of 2050 Moonshot Goal**

**１．Scenarios leading to achievement of 2050 Moonshot Goal**

Regarding the scenarios from now on leading to the achievement of the 2050 Moonshot Goal 5, please make a specific statement including the goals for each year and the achievement targets.

・Among the Scenarios until 2050, please separately state the developments/verifications of prototypes that are the target for the Project period from 2020 to 2030, and the outlook for implementation, commercialization and popularization from after the completion of the Project in 2030 through to 2050.

・ In comparison to conventional R&D, please make a statement about items based on even more daring concepts of research, more challenging items, and innovative items that are expected to have a major impact on industry/society in the future.

・Toward 2050 goal achievement, please make a statement that clearly specifies valid scenarios (successful assumptions) based on technical perspectives and social implementation perspectives including public-private role division.

・Please make a statement about the concentration of top-level R&D capabilities, knowledge and ideas whether domestic or international.

・Please make a statement about Ethical, Legal and Social Issues (ELSI: Ethical, Legal and Social Issues) and initiatives for the acceleration of R&D and promotion of social implementation. Also, please state if any considerations are being given to inter-disciplinary initiatives such as math and science.

**2． Social/Economic Impact at the time of Achieving the Moonshot Goal**

・ Please make a statement about the Social/Economic Impact at the time of Achieving Moonshot Goal 5 including back-up data.

**Form 2－1　【Project plan points】*Required　1 x A4 paper***

|  |  |  |  |
| --- | --- | --- | --- |
| Name of Project Plan |  | | |
| Name of Representative Organization |  | Name of PM |  |

**※Based on “the Scenarios”leading to achievement of 2050 Moonshot goal in Form 1‐2, please state the summary of the Project Plan from FY 2020 to FY 2029.**

**※Please briefly state each item according to the character count.**

|  |  |
| --- | --- |
| ①　Technical issues to be resolved (summary) | *(100 characters or less)* |
|  | |

|  |  |
| --- | --- |
| ②　Project plan target (summary) | *(200 characters or less)* |
|  | |

|  |  |
| --- | --- |
| ③　Project plan details (summary) | *(100 characters or less)* |
|  | |

|  |  |
| --- | --- |
| ④　Technical superiority | *(100 characters or less)* |
|  | |

(Note) Please state a summary of the scientific evidence and technologies, etc. that will form the breakthrough for achieving the goal stated in １(2) of Form 3－1‐(2)【Project plan target and details 】.

|  |  |
| --- | --- |
| ⑤　Exit strategy for Proposed Project plan (summary) | *(100 characters or less)* |
|  | |

**Form 2－2【Study Group Formation】*Required***

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| － | Name of organization (Including branch name, etc.) | Main role (１) | Research funds forecast amount (2)(1000 yen) | | | | | | | |
| FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | Total (3)  (5 years) | FY 2025～202●(4) | Total(5)  (Total period) |
| Representative  Organization | ○○University ○Department | ・General outline and adjusted  ・○○analysis and ○○development  ・Publication of research results, etc. |  |  |  |  |  |  |  |  |
| Joint Research Institutes | ○○Prefecture○○Laboratory ○○Branch | ○○evaluation technique and○○technology development |  |  |  |  |  |  |  |  |
| (National research)○○Organization○○study center | ○○production |  |  |  |  |  |  |  |  |
| ○○University ○○Department | Based on the results of an analysis of ○○, clarification of ○○ |  |  |  |  |  |  |  |  |
| (Independent)○○Organization○study center | ○○production |  |  |  |  |  |  |  |  |
| ○○Co., Ltd. | Reforming ○○ |  |  |  |  |  |  |  |  |
| Collaborators | ○○Co., Ltd. | Evaluation of ○○ |  |  |  |  |  |  |  |  |
| Total | | |  |  |  |  |  |  |  |  |

*(Add or remove lines as necessary) Important points are stated on following page.*

(Note 1) Please briefly state the role allocation of Joint Research Institutes and Collaborators in Study Groups.

(Note 2) In the forecast amount of research funds for each fiscal year, please state the forecast amount of research funds for each fiscal year as specified in Application Guidelines 4 (１). Please produce the necessary period, although the maximum study implementation period is 10 years.

(Note 3)Please enter the total forecast amount of research funds from FY 2020 to FY 2024.

(Note 4) Please enter the total forecast amount of research funds from FY 2025 to FY 202●.

(Note 5) Please enter the total forecast amount of research funds for the total study period (FY 2020～FY 202●) in (　　).

**Form 2－3【Role of Research Institute】*Required***

|  |  |  |
| --- | --- | --- |
| － | Name of Research Institute | Role allocation (state in detail) |
| Representative Organization | ○○University ○Department | Plan the general outline and adjustments as a Representative Research Institute. Implementation of analysis of ・・・and・・・・・・・・・technology development.  In addition to sharing the developed・・・・・・technology, etc. study results, etc. with the planning institute, they are published nationwide on the website, etc. |
| Joint Research Institutes | ○○Prefecture○○Laboratory ○○Branch | ○○Based on information analyzed at University・・・・・・・・・・・・・evaluation techniques were developed, and local surveys of・・・・・・・・・were conducted・・・・・・・for implementation alongside technical development. |
| (National research)○○Organization○○study center | Based on the study Information, evaluation techniques and prototype reforms of each planning institute,・・・・・・・・・・manuals were produced and distributed. |
| ○○University ○○Department | Implementation of the analysis of ・・・・・・・・・that is the basis of this study and a clarification of ・・・・・・・・・・・・・・・・・・・based on those results. As a result of the analysis, the clarified ・・・・・・・・・information is shared with other planning institutes and promotes research issues. |
| (Independent)○○Organization○study center | Based on information analyzed at ○○University, ○○Prefecture○○Laboratory ○○Branch, a prototype was produced in collaboration with ○○Co., Ltd. |
| ○○Co., Ltd. | The ・・・・・・・prototype was reformed in collaboration with ○○Organization ○Laboratory. |
| Collaborators | Co., Ltd. ○○○○ | Regarding the ・・・・developed in this study, an evaluation of ・・・・is performed for implementation and commercialization. |

*(Add/delete as necessary)*

※１　Please state what kind of Study Groups were formed and whether the research progressed. Please maintain consistency with the Form 2－2“ Study Group Formation details.”

※2　The Collaborators refers to a third party required for the execution of the research issue. Collaborators are not Study Group members, so they cannot directly received an allocation of research funds. For details, pleas see Application Guidelines 3 (６).

**Form 2－4【Project plan implementation system chart (Study Group relationship chart)】*Required 1 x A4 paper***

|  |
| --- |
|  |

(Note 1) For each Research Institute, etc., please state the name of the study implementation area (name of prefecture, or name of country if overseas) and Project plan details (research items in the table in Form 3－１-(3)“Project organization and annual plan”).

(Note 2) If there is a Research Institute, etc. (Collaborators) cooperating in the implementation of the R&D Project without being assigned for contract research in this Project, please state it clearly.

Example: △△△△Co., Ltd. (Collaborators)

**Form 2－5　【Project** **plan summary】*Required1 x A4 paper (Either vertical or horizontal)***

|  |
| --- |
|  |

(Note) Please attach any charts, etc., to simplify the understanding of this Project plan.

**Form 3【Project plan details】*Required***

|  |  |  |  |
| --- | --- | --- | --- |
| Name of Project |  | | |
| Name of Representative Organization |  | Name of PM |  |

1. **Project plan specific details**

**(１) Technical issues to be resolved**

Please make a detailed statement of the content entered in Form 2－１① “Technical issues to be resolved (summary).”

**(2) Project plan target and details**

＜Points to be noted when filling in the Project plan targets＞

In line with MOFA’s  Moonshot Goal 5 and R&D Concept, please make a detailed statement about content entered in Form 2－1② “Project plan target (summary)” regarding the goals to be achieved between FY 2020 and FY 2029 from among the Scenarios up to 2050. Using expressions that are as specific and quantitative as possible, please state the targets for each fiscal year that aim to be realized in a 10-year period based on the undertaking of this Project or by some other means. (“△△△△ is possible.” “It is the ○○○○ method.” “As for △△△△, it is ○○ or more.” “△△ is to be done for ○○ units or more.” ).

Please state the important milestones (targets) as external evaluations are scheduled after 3 years, 5 years, 8 years and 10 years. Also, please state any prototypes for development/testing by 2030.

Points to note when entering the Project plan details

In line with MOFA’s Moonshot Goal 5 and R&D Concept, please make a detailed statement about content entered in Form 2－1③ “Project plan details (summary)” regarding the Project plan to be implemented in order to achieve the goals stated in (１).

Please make a statement to clarify the details of effective and efficient initiatives based on international cooperation.

In comparison to conventional items, with regard to the R&D Project goal and details, please state any items that are based on more daring concepts, are more challenging or that are innovative and are expected to have a major impact on future industry and society.

Please state any items in the proposal details that concentrate top-level R&D capabilities, knowledge or ideas, whether in Japan or overseas.

In particular, please make a statement that clarifies the details and the path to acquiring the scientific evidence and technology, etc. that will be the breakthrough for realizing the target.

Please state specifically how the Research Institutes participating in the Study Group cooperate and how synergy is manifested with regard to individual research issues.

Also, in the case that there are Research Institutes, etc. (Collaborators) cooperating in the implementation of the R&D Project, please state both the specifics of how the Research Institutes and Collaborators participating in the Study Group cooperate, and how synergy is manifested.

(Note 1) In principle, the study period is 5 years. Although it is possible to have a maximum study implementation period of 10 years, please produce a Project plan for the required period.

(Note 2) When executing the Project plan, in the case that management is divided into Subgroups (a group that combines multiple research institutes participating in the Study Group), please produce a table for each subgroup and state the target and details.

Overall Study Group

|  |  |  |
| --- | --- | --- |
|  | Target | Project plan details |
| FY 2020 |  |  |
| FY 2021 |  |  |
| FY 2022  (External evaluation 　implementation year) |  |  |
| FY 2023 |  |  |
| FY 2024  (External evaluation 　implementation year) |  |  |
| FY 2025 |  |  |
| FY 2026 |  |  |
| FY 2027  (External evaluation 　implementation year) |  |  |
| FY 2028 |  |  |
| FY 2029  (External evaluation 　implementation year) |  |  |
| Project plan exit strategy | ※１: Please make a detailed statement about the content entered into Form 2－1⑤ “Exit Strategy for Proposed Project Plan(summary)”  ※2: Please state the ability, specifications and cost of the prototype, and, if it is achieved, the social/economic impacts that will be brought about. | |

Name of Subgroup：○○○○

|  |  |  |
| --- | --- | --- |
|  | Target | Project plan details |
| FY 2020 |  |  |
| FY 2021 |  |  |
| FY 2022  (External evaluation  implementation year) |  |  |
| FY 2023 |  |  |
| FY 2024  (External evaluation  implementation year) |  |  |
| FY 2025 |  |  |
| FY 2026 |  |  |
| FY 2027  (External evaluation  implementation year) |  |  |
| FY 2028 |  |  |
| FY 2029  (External evaluation  implementation year) |  |  |

*(Add/delete as necessary)*

**(3) Project organization and annual plan**

Regarding the target and Project plan details entered in (2), please make a detailed and easily understandable statement for each fiscal year in the “Project schedule” and for each Study Group planning institute (RepresentativeOrganization, Joint Research Institute and Collaborators).

In the case of management in which the Study Group is divided into multiple Subgroups, please make a detailed statement for each Subgroup.

Also, in the research funds table, please state the procedures used for each research item comprising the Project plan, and the amount of research funding forecast to be required for each fiscal year.

*※Please complete the study plan for a maximum of 10 years.*

Project schedule (Example entry)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Research items | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | FY 2028 | FY 2029 |
| １．△△phenomenon investigation  　(1)・・・・analysis  　(2)・・・・analysis  　(3)・・・・confirmation | (1)・・・・analysis (○○University ○Department) | (3)・・・・confirmation ((National Research Center)○○Organization ○○Laboratory , ○○Co., Ltd. (Cooperative Institution)) | (2)・・・・analysis (○○Prefecture○○Laboratory , 〇〇Prefecture〇〇Laboratory) |  |  |  |  |  |  |  |
| 2．○○material development  　(1)・・requirement study  　(2)・・・・trial  (3)・・・・evaluation |  |  | (1)・・・・requirement study (○○University ○Department) | (3)・・・・evaluation (〇〇〇Co., Ltd.)  (2)・・・・trial (○○Prefecture○Laboratory) |  |  |  |  |  |  |
| 3.prototype development  　(1)・・requirement study  　(2)・scale-up  　(3)・・result confirmation |  |  |  |  |  |  | (2)・・・・scale-up (○○Prefecture○Laboratory)  (1)・・・・requirement study (○○University ○Department, ××University ×Department) |  | (3)・・・result confirmation (〇〇〇Co., Ltd.) |  |

*(Add/delete as necessary)*

Research funds (１)(example entry)　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　(Unit: 1000 yen)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Items | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | Total (4) (5 years) | 2025～202●  FY (5) | Total (６)  (Total period) |
| 1-(1)　〇〇University 〇Department  1-(2)　〇〇Prefecture〇〇Laboratory  〇〇Prefecture〇〇Laboratory  1-(3)　〇〇Organization 〇〇Laboratory  (1 Total(3)) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) |
| 2-(1)　〇〇University 〇Department  2-(2)　〇〇Prefecture〇〇Laboratory  2-(3)　〇〇〇Co., Ltd.  (2 Total (3)) | ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  (####.#) |
| 3-(1)　〇〇University 〇Department  　××University ×Department  3-(2)　〇〇Prefecture〇〇Laboratory  3-(3)　〇〇〇Co., Ltd.  (3 Total (3)) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) | ####.#  ####.#  ####.#  ####.#  (####.#) |
| Total | #####.# | #####.# | #####.# | #####.# | #####.# | #####.# | #####.# | #####.# |

*(Add/delete as necessary)*

(Note 1) As for research funds, please state the forecast amount of research funding specified in the Application Guidelines 4 (１).

(Note 2) Please state the research funds for each Institution individually.

(Note 3) Please state the total forecast amount of research funds for each fiscal year in ( ) for each research item.

(Note 4) Please enter the total forecast amount of research funds for FY 2020 to FY 2025.

(Note 5) Please enter the total forecast amount of research funds for FY 2025 to FY 202●.

(Note ６) Please enter the total forecast amount of research funds for the total study period (FY 2020～FY 202●).

**2．R&D results, etc.**

**(１) R&D from public funding that is actually being implemented or under application**

Regarding R&D from national competitive research funding and other systems such as research grants that are actually being implemented or under application by the PM and Main researcher for the proposal issue, please state the name of the system, the name of the research task, the study period, amount of research funding, and difference/correlation with the proposal issue.

**PM Name ：**○○　○○

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| System name (Note 1)  (Name of allocating institution, etc.) | Name of research task (Project plan) | 3. Research period  (FY) | Status (being implemented/under application) | Role (2) | FY 2020 research funds (3)  (Amount for total period)  (1000 yen) | Effort (4)  (%) | Difference from/relevance to proposal issue(5) |
| 【Proposal issue 】  (BRAIN) | ○○○○○ | 2020～2029 | Under application | Representative | ○○1000 yen  (○○○1000 yen) | ○○％ |  |
| ○○○○○  (○○○○) | ○○○○○ | ○○○○～○○○○ |  |  | ○○1000 yen  (○○○1000 yen) | ○○％ | ○○○○○○○○○○○○○○○○○○○○ |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

*(Add/delete as necessary)*

(Note 1) State this proposal issue at the top, and, below, please state the Project Plan name if any other applications have been made for Moonshot goals (NEDO and JST) other than this Project.

(Note 2) If the role of the researcher in the Project is the stated name of the Representative for the Project, please write it as “Representative.” Please leave it blank if it is the main researcher.

(Note 3) Please state the amount of direct expenses for research funds (amount applied for if under application) received and used by the individual in 2020 at the top, and, in parentheses, state the total amount (forecast amount) that the individual will use in the total study period at the bottom.

Also, in the person is a member of a research team, etc., please state the shared amount (forecast amount) received and used by the individual in 2020 at the top, and, in parentheses, state the shared amount (forecast amount) that the individual will use in the total study period at the bottom (if the shared amount has not been allocated, please write “０” for each).

(Note 4) For “Effort,” if the total working hours for the year (essential working hours including not only research activities but also educational activities, etc.) is 100%, please state the allocated ratio (％) of time that is required to implement each of the research activities, etc.

Also, in the case that the topic for which the application is made is selected, the effort will be determined once again at that time and registered on e-Rad.

(Note 5) If it is related to the research content of this proposal issue, please state the research outcomes or the details in brief, and state that there is a clear distinction from the R&D that will hopefully be implemented in this proposal.

**Main researcher 　Name ：**○○　○○

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| System name (1)  (Name of allocating institution, etc.) | Project (research issue)名 | 3. Research period  (FY) | Status (being implemented/under application) | Role (2) | FY 2020 research funds (3)  (Amount for total period)  (1000 yen) | Effort (4)  (%) | Difference from/relevance to proposal issue(5) |
| 【Proposal issue 】  (BRAIN) | ○○○○○ | 2020～2029 | Under application |  | ○○1000 yen  (○○○1000 yen) | ○○％ |  |
| ○○○○○  (○○○○) | ○○○○○ | ○○○○～○○○○ |  |  | ○○1000 yen  (○○○1000 yen) | ○○％ | ○○○○○○○○○○○○○○○○○○○○ |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

*(Add/delete as necessary)*

(Note 1) State this proposal issue at the top, and, below, please state the Project Plan name if any other applications have been made for Moonshot goals (NEDO and JST) other than this Project.

(Note 2) If the role of the researcher in the Project is the stated name of the Representative for the Project, please write it as “Representative.”

　　　Please leave it blank if it is the main researcher.

(Note 3) Please state the amount of direct expenses for research funds (amount applied for if under application) received and used by the individual in 2020 at the top, and, in parentheses, state the total amount (forecast amount) that the individual will use in the total study period at the bottom.

Also, in the person is a member of a research team, etc., please state the shared amount (forecast amount) received and used by the individual in 2020 at the top, and, in parentheses, state the shared amount (forecast amount) that the individual will use in the total study period at the bottom (if the shared amount has not been allocated, please write “０” for each).

(Note 4) For “Effort,” if the total working hours for the year (essential working hours including not only research activities but also educational activities, etc.) is 100%, please state the allocated ratio (％) of time that is required to implement each of the research activities, etc.

Also, in the case that the topic for which the application is made is selected, the effort will be determined once again at that time and registered on e-Rad.

(Note 5) If it is related to the research content of this proposal issue, please state the research outcomes or the details in brief, and state that there is a clear distinction from the R&D that will hopefully be implemented in this proposal.

**(2) Status of activities as a Study Group so far**

For this application, please briefly state the status of activities as a Study Group (even if it is not exactly the same study implementation system) so far (study group regarding industry-academia-government collaboration, participation in investigative committees, and collaborative study results with other Institutions, etc.).

**(3) Self-funded R&D that is actually being implemented or that is scheduled for concurrent implementation**

In the case that there is any self-funded R&D that is actually being implemented or that is scheduled for concurrent implementation alongside this Project, please show a clear distinction from the Project plan and accountancy that you wish to implement due to being assigned this Project.

**3. Detailed forecast of research funds from each Research Institute, etc.**

**(1) Breakdown of research funds for each fiscal year**

**＜Entire Study Group＞**

　(Unit: 1000 yen)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Major items | | Medium items | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | Total (１) (5 years) | 2025～FY 202● | Total (2)  (Total period) |
| Direct expenses | 1. Cost of goods | Cost of equipment |  |  |  |  |  |  |  |  |
| Cost of consumables |  |  |  |  |  |  |  |  |
| 2. Personnel costs  ・Recompense | Personnel costs |  |  |  |  |  |  |  |  |
| Recompense |  |  |  |  |  |  |  |  |
| 3. Travel costs | Domestic travel costs |  |  |  |  |  |  |  |  |
| International travel costs |  |  |  |  |  |  |  |  |
| 4. Other | Outsourcing costs |  |  |  |  |  |  |  |  |
| Non-outsourcing costs |  |  |  |  |  |  |  |  |
| Total direct expenses | |  |  |  |  |  |  |  |  |
| Indirect expenses  (Within 30% of above expenses) | | |  |  |  |  |  |  |  |  |
| Total | | |  |  |  |  |  |  |  |  |

(Note 1) Please state the total forecast amount of research funds from FY 2020 to FY 2024.

(Note 2) Please enter the total forecast amount of research funds for the total study period (FY 2020-FY 202● ).

**＜Representative Organization ：****○○○○＞**

(Unit: 1000 yen)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Major items | | Medium items | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | Total (１) (5 years) | 2025～FY 202● | Total (2)  (Total period) |
| Direct expenses | 1. Cost of goods | Cost of equipment |  |  |  |  |  |  |  |  |
| Cost of consumables |  |  |  |  |  |  |  |  |
| 2. Personnel costs  ・Recompense | Personnel costs |  |  |  |  |  |  |  |  |
| Recompense |  |  |  |  |  |  |  |  |
| 3. Travel costs | Domestic travel costs |  |  |  |  |  |  |  |  |
| International travel costs |  |  |  |  |  |  |  |  |
| 4. Other | Outsourcing costs |  |  |  |  |  |  |  |  |
| Non-outsourcing costs |  |  |  |  |  |  |  |  |
| Total direct expenses | |  |  |  |  |  |  |  |  |
| Indirect expenses  (Within 30% of above expenses) | | |  |  |  |  |  |  |  |  |
| Total | | |  |  |  |  |  |  |  |  |

(Note 1) Please state the total forecast amount of research funds from FY 2020 to FY 2024.

(Note 2) Please enter the total forecast amount of research funds for the total study period (FY 2020-FY 202● ).

**＜PM activity expenses：○○○○＞**

**※ Please state the PM activity expenses (number included in breakdown of research funds for each fiscal year for Representative Organization).**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Major items | | Medium items | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | Total (１) (5 years) | 2025～FY 202● | Total (2)  (Total period) |
| Direct expenses | 1. Cost of goods | Cost of equipment |  |  |  |  |  |  |  |  |
| Cost of consumables |  |  |  |  |  |  |  |  |
| 2. Personnel costs  ・Recompense | Personnel costs |  |  |  |  |  |  |  |  |
| Recompense |  |  |  |  |  |  |  |  |
| 3. Travel costs | Domestic travel costs |  |  |  |  |  |  |  |  |
| International travel costs |  |  |  |  |  |  |  |  |
| 4. Other | Outsourcing costs |  |  |  |  |  |  |  |  |
| Non-outsourcing costs |  |  |  |  |  |  |  |  |
| Total direct expenses | |  |  |  |  |  |  |  |  |
| Indirect expenses  (Within 30% of above expenses) | | |  |  |  |  |  |  |  |  |
| Total | | |  |  |  |  |  |  |  |  |

(Note 1) Please state the total forecast amount of research funds from FY 2020 to FY 2024.

(Note 2) Please enter the total forecast amount of research funds for the total study period (FY 2020-FY 202● ).

**＜Joint Research Institute ：○○○○＞**

**※Please enter by adding a table for each Joint Research Institute covering all Joint Research Institutes.**

(Unit: 1000 yen)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Major items | | Medium items | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | Total (１) (5 years) | 2025～FY 202● | Total (2)  (Total period) |
| Direct expenses | 1. Cost of goods | Cost of equipment |  |  |  |  |  |  |  |  |
| Cost of consumables |  |  |  |  |  |  |  |  |
| 2. Personnel costs  ・Recompense | Personnel costs |  |  |  |  |  |  |  |  |
| Recompense |  |  |  |  |  |  |  |  |
| 3. Travel costs | Domestic travel costs |  |  |  |  |  |  |  |  |
| International travel costs |  |  |  |  |  |  |  |  |
| 4. Other | Outsourcing costs |  |  |  |  |  |  |  |  |
| Non-outsourcing costs |  |  |  |  |  |  |  |  |
| Total direct expenses | |  |  |  |  |  |  |  |  |
| Indirect expenses  (Within 30% of above expenses) | | |  |  |  |  |  |  |  |  |
| Total | | |  |  |  |  |  |  |  |  |

(Note 1) Please state the total forecast amount of research funds from FY 2020 to FY 2024.

(Note 2) Please enter the total forecast amount of research funds for the total study period (FY 2020-FY 202● ).

**(2) Breakdown of equipment and furnishing costs (FY 2020-FY 2024 )**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of equipment/furnishing  (Name of manufacturer along with the standard, etc.) | Quantity  (Unit) | Unit price  (1000 yen) | Monetary amount  (1000 yen) | Purpose of use and necessity | Installing institution/post |
| (FY )  ○○analytical instrument  (Name of manufacturer/model number) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |

(Note 1) Please state the planned equipment and furnishing costs for 5 years (FY 2020-FY 2024 ).

(Note 2) Please state the total equipment and furnishing costs in the “1. Equipment and furnishing costs from among cost of goods” column for the Representative Agencies and Joint Research Institutes on the research funds breakdown table for each fiscal year in (１).

(Note 3) In principle, please totalize the equipment and furnishing costs for the first fiscal year.

　　　In principle, the purchase of equipment/furnishings that are not listed in the total shall not be approved. Also, the acquisition of general buildings and structures shall not be approved.

(Note 4) When introducing equipment/furnishings, please choose the optimal means in terms of economization for expense reduction from among purchasing, leasing and rental, etc. When leasing or renting, make a total in the “4. Other (non-outsourcing),” and enter it in “(６) Leasing and rental breakdown.”

(Note 5) When planning 5 items or more, insert a suitable number of lines and state the required items.

**(3) Personnel costs breakdown (FY 2020-FY 2024 )**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | No. of people | Period  (Month) | Monetary amount  (1000 yen) | Job details | Assignment |
| (FY )  Post-doctoral | 5. | 8. | ○○ | １(１) Responsible for ・・・・  ２（３）・・・・ | ○○University  ○○ Co., Ltd. |
| (FY )  Experiment assistant | 3. | 7. | ○○ | ２（２）・・・・ | ○○Laboratory |
| (FY )  ・・・・ |  |  |  |  |  |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |

(Note 1) Please state the planned personnel costs for 5 years (FY 2020-FY 2024).

(Note 2) Please state the breakdown of total personnel costs in “2.Personnel costs from among personnel costs/recompense” for Representative Agencies and Joint Research Institutes in the breakdown of expenses for each fiscal year in (１)

(Note 3) When planning multiple uses, insert a suitable number of lines and state the necessary items.

**(4) International travel cost breakdown (FY 2020-FY 2024 )**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | No. of people | Monetary amount  (1000 yen) | Destination | Necessity | Travelling institution/post |
| (FY )  ○○survey |  |  |  |  |  |
| (FY )  ○○survey |  |  |  |  |  |
| (FY )  ○○survey |  |  |  |  |  |
| (FY )  ○○survey |  |  |  |  |  |
| (FY )  ○○survey |  |  |  |  |  |

(Note 1) Please state the planned international travel costs for 5 years (FY 2020-FY 2024 ).

(Note 2) Please make a specific statement of the destination and the necessity for the total international travel costs (trips to other countries or invitations to people from overseas, etc.) in the “3. Travel expenses” column for Representative Organization and Joint Research Institutes in the breakdown of study expenses for each fiscal year in (１).

(Note 3) When planning 5 items or more, insert a suitable number of lines and state the required items.

**(5) Outsourcing costs breakdown (1 million yen or more per job) (FY 2020-FY 2024 )**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Job name | Quantity  (Unit) | Unit price  (1000 yen) | Monetary amount  (1000 yen) | Purpose of use and necessity | Ordering party |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |

(Note 1) (Note 1) Please state the planned outsourcing costs for 5 years (FY 2020-FY 2024 ).

(Note 2) Of the total expenses in “4. Outsourcing costs from among other expenses” for Representative Organization and Joint Research Institutes in the breakdown of expenses for each fiscal year in (１), please make a statement in the case of any miscellaneous jobs of 1 million yen or more per job (maintenance of equipment directly related to this Project or data analysis, etc.).

(Note 3) When planning 5 items or more, insert a suitable number of lines and state the required items.

**(6) Leasing/rental breakdown (FY 2020-FY 2024 )**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of part | Quantity  (Unit) | Unit price  (1000 yen) | Monetary amount  (1000 yen) | Purpose of use and necessity | Department |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |

(Note 1) Please state planned leases/rentals for 5 years (FY 2020-FY 2024 ).

(Note 2) Please state any Leases/rentals from among the total expenses in “4. Outsourcing costs from among other expenses” for Representative Organization and Joint Research Institutes in the breakdown table for research funds for each fiscal year in (１).

(Note 3) For leases/rentals for the entire study period, please refer to “(８) Introducing goods, etc.” in 4 of II of “Research implementation guidelines for consigned project - In connection to administrative processing.”

(Note 4) When planning 5 items or more, insert a suitable number of lines and state the required items.

**(7) Prototype breakdown (FY 2020-FY 2024 )**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of Prototype  (State the specifications, etc.) | Quantity  (Unit) | Unit price  (1000 yen) | Monetary amount  (1000 yen) | Purpose of use and necessity | Department |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |
| (FY ) |  |  |  |  |  |

(Note 1) Please state the planned prototypes for 5 years (FY 2020-FY 2024).

(Note 2) Please state any planned prototypes from among the total expenses in “1. Costs of goods” or “4. Other expenses” for Representative Organization and Joint Research Institutes in the breakdown table for research funds for each fiscal year in (１).

(Note 3) When planning 5 items or more, insert a suitable number of lines and state the required items.

**(8) Status of ownership of equipment, etc., scheduled for use in this proposal (FY 2020-FY 2024 )**

|  |  |  |  |
| --- | --- | --- | --- |
| Name of equipment/furnishing  (Name of manufacturer along with the standard, etc.) | Quantity  (Unit) | Purpose of use and necessity | Installing institution/post |
| (FY )  ○○analytical instrument  (Name of manufacturer/model number) |  |  |  |
| (FY ) |  |  |  |
| (FY ) |  |  |  |
| (FY ) |  |  |  |
| (FY ) |  |  |  |

(Note 1) Please state the equipment, etc., scheduled for use for 5 years (FY 2020-FY 2024 ).

(Note 2) When planning 5 items or more, insert a suitable number of lines and state the required items.

【Special notes】

1. Please include consumption tax (10％) in all of the stated required amounts.

2. In principle, approval shall not be given for the purchase of furniture including desks, chairs and shelves that should be maintained by the assignee, highly-generic business equipment such as computers, digital cameras and related equipment, copy paper, toner, USB memory devices, HDDs, OS such as Windows, folders, stationary, work clothes, food wrapping, dictionaries, periodicals and other highly-generic consumables.

However, the amount can be included for business machinery, etc. such as

・　controller units for research equipment purchased in the assigned Project and computers/printers ancillary to analytical instruments

・　computers/digital cameras, etc. used exclusively for the storage/analysis, etc. of data acquired in the assigned Project

・　computer-relater equipment, etc. required for the storage of data collected in survey sites and for video data storage necessary for the accomplishment of the Project survey

as long as there is a clear need based on the assumption that such equipment shall be used exclusively for the assigned Project.

Also, the amount for consumables may be included for the minimum number of items used in the assigned Project as long as it is clearly required directly for the assigned Project.

3. Indirect expenses are expenses other than those that should be classified as direct expenses that are required indirectly by research institutes etc. in relation to conducting research or expenses to support implementation such as maintenance and operating costs for facilities of administrative departments, research departments, and other business departments. relevant to the Project. An amount equal to a maximum of 10-30% of the total amount of direct expenses can be included as the ratio of indirect expenses (30% for Universities, 10 % for private companies (20% for small-to-medium enterprises)). Please calculate the total after consulting the administrative department, etc. in advance regarding the required amount.

**4．information about the Representative Organization and Joint Research Institutes, etc.**

**※Name of and address, etc. of representative at Representative Agencies and all Joint Research Institutes and Collaborators (produce separately for each brand and department, etc. that actually implements research)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RepresentativeOrganization | Name of organization |  | | | | | | | |
| Address | 〒◯◯◯－◯◯◯◯ | | | | | | | |
| PM | Name |  | | | | Job Title |  | |
| Affiliations | ○○○Department ○○○Section | | | | | | |
| Tel.: []; | \*\*-\*\*\*\*-\*\*\*\*(Extension) | | | | FAX | \*\*-\*\*\*\*-\*\*\*\* | |
| e-mail |  | | | | Effort | (%) | |
| Research implementation manager | Name |  | | | | Job Title |  | |
| Affiliations | ○○○Department ○○○Section | | | | | | |
| Tel.: []; | \*\*-\*\*\*\*-\*\*\*\*(Extension) | | | | FAX | \*\*-\*\*\*\*-\*\*\*\* | |
| e-mail |  | | | | Effort | (%) | |
| Accountancy general manager | Name |  | | | | Job Title |  | |
| Affiliations | ○○○Department ○○○Section | | | | | | |
| Tel.: []; | \*\*-\*\*\*\*-\*\*\*\*(Extension) | | | | FAX | \*\*-\*\*\*\*-\*\*\*\* | |
| e-mail |  | | | | | | |
| Accounts manager | Name |  | | | | Job Title |  | |
| Affiliations | ○○○Department ○○○Section | | | | | | |
| Tel.: []; | \*\*-\*\*\*\*-\*\*\*\*(Extension) | | | | FAX | \*\*-\*\*\*\*-\*\*\*\* | |
| e-mail |  | | | | | | |
| Job summary |  | | | | | | | |
| Number of employees | (people) | |  | | | | | |
| Financial status  (Note 5～６) | FY | | ○FY | ○FY | | | | ○FY |
| Current term profit (1000 yen) | |  |  | | | |  |
| Capital (1000 yen) | |  | |  | | |  |
| Net assets (1000 yen) | |  | |  | | |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Joint Research Institute | Name of organization |  | | | | | | | |
| Address | 〒◯◯◯－◯◯◯◯ | | | | | | | |
| Research implementation manager | Name |  | | | | Job Title |  | |
| Affiliations | ○○○Department ○○○Section | | | | | | |
| Tel.: []; | \*\*-\*\*\*\*-\*\*\*\*(Extension) | | | | FAX | \*\*-\*\*\*\*-\*\*\*\* | |
| e-mail |  | | | | Effort | (%) | |
| Accounts manager | Name |  | | | | Job Title |  | |
| Affiliations | ○○○Department ○○○Section | | | | | | |
| Tel.: []; | \*\*-\*\*\*\*-\*\*\*\*(Extension) | | | | FAX | \*\*-\*\*\*\*-\*\*\*\* | |
| e-mail |  | | | | | | |
| Job summary |  | | | | | | | |
| Number of employees | (people) | |  | | | | | |
| Financial status  (Note 5～６) | FY | | ○FY | ○FY | | | | ○FY |
| Current term profit (1000 yen) | |  |  | | | |  |
| Capital (1000 yen) | |  | |  | | |  |
| Net assets (1000 yen) | |  | |  | | |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Collaborator | Name of organization |  | | | |
| Address | 〒◯◯◯－◯◯◯◯ | | | |
| Name of contact: | Name |  | Job Title |  |
| Affiliations | ○○○Department ○○○Section | | |
| Tel.: []; | \*\*-\*\*\*\*-\*\*\*\*(Extension) | FAX | \*\*-\*\*\*\*-\*\*\*\* |
| e-mail |  | Effort | (%) |
| Job summary |  | | | |

(Note 1) Please state the Representative Organization and all Joint Research Institutes and Collaborators.

(Note 2) The PM should not also be the accounts manager, the research implementation manager should not be the accountancy manager and the Accounts manager should not be the research implementation manager

(Note 3) Please write the telephone number, fax number and e-mail address in half-width characters.

(Note 4) Please add an extra form if there are multiple Joint Research Institutes and Collaborators.

(Note 5) Regarding the financial status, please enter the monetary amounts corresponding to the financial statements for the last three years, and state the monetary amounts of the balance sheet and profit and loss statement.

(Note ６) Local public bodies do not need to enter the financial status.

**5．Main researcher Information**

**① Background of main researcher (enter the details of the main researcher of any subgroups)**

|  |  |
| --- | --- |
| Name |  |
| Educational background |  |
| Degree |  |
| Main work experience  Study details |  |

(Note) Please add a form if there are multiple main researchers.

**②Main research papers, publications and patents acquired (enter for all main researchers)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Degree | Affiliations/Job Title | Main research papers, publications and patents (up to five of the key items within recent years) | Connection to Project plan |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

(Note 1) Please place an “◎” next to the items that are connected to the proposed Project plan.

(Note 2) Please add a form if there are multiple main researchers.

(Note 3) Underline the name if the author (or co-author) includes the proposer and principal a main researcher

* 1. **Effort (enter for main researcher only)**

|  |  |
| --- | --- |
| Name | Ratio (％) |
|  |  |
|  |  |
|  |  |

(Note 1) Effort refers to the ratio (％) of time allocation required for the implementation of each research activity, etc., against the total work hours (total essential work hours including not only research activities but also education activities, etc.) per year.

Also, in the case that the topic for which the application is made is selected, the effort will be determined once again at that time and registered on e-Rad.

(Note 2) Please add a form if there are multiple main researchers.

**Form 4【Status of initiatives for intellectual property rights of planning institute, etc.】*In general within 2 x A4 papers***

|  |  |  |  |
| --- | --- | --- | --- |
| Project  Name of Plan |  | | |
| Name of Representative Organization |  | Name of PM |  |

**1. Existence of management policies such as intellectual property policies at each planning institute**

This item confirms whether or not each planning institute has established management policies for intellectual property management, etc., and whether intellectual property is being managed based on those policies. If each planning institute has established management policies for intellectual property management, place an “○” mark and state the details.

※Planning institutes are Representative Agencies and all Joint Research Institutes and s.

|  |  |
| --- | --- |
| Management policies | Details of policies regarding the management of intellectual property such as intellectual property policies |
| (Example entry)  **○** | (Example entry)  Representative Agency ○○“Yes” ：○○intellectual property policy  Collaborative Research Institute ○○“Yes” ： Basic policy for intellectual property  Cooperative Institution○○“No” |

**2. Existence of management systems by intellectual property departments, etc. at each planning institute**

This item confirms the intellectual property management systems of each planning institute. If each planning institute has established intellectual property management systems, place an “○” mark and state the details.

|  |  |
| --- | --- |
| Management system | (Example entry)　**○** |
| Management system details | (Example entry１)  Representative Organization ○○“Yes”  An intellectual property department has been established for the management of intellectual property in general, and it is managed by ○  Joint Research Institute ○○“Yes”  A person managing intellectual property is employed in the ○○Section  　Joint Research Institute ○○“Yes”  General management by the head of ○○ (external lawyer, etc. is consulted when needed)  　Joint Research Institution○○“No”  (Example entry 2) |

**3　intellectual property license　*Required***

**※　From the perspective of further promoting commercialization using intellectual property from study outcomes, please state whether there are any policies for wider licensing after the acquisition of intellectual property.**

|  |
| --- |
| (Example entry)  Of the study results from this Project, regarding the ○○○ technology using ○○○, although a patent is filed, for the wider diffusion of this technology to each producing area, wider licensing is scheduled five years after the acquisition of the intellectual property rights. |

**Form 5【Accounting business system 】*Required　2 x A4 paper or less***

|  |  |  |  |
| --- | --- | --- | --- |
| Project  Name of Plan |  | | |
| Name of Representative Organization |  | Name of PM |  |

**※　Please state the accounting system of institutions with accountancy managers (Representative Organization). The accounting systems of Joint Research Institutes are not required.**

**1. Accounts systems for separate accountancy processing**

**(1) Currently, are accounts systems for separate accountancy processing in place?**

※　Please place an “○” mark on one answer.

　　・　Yes

　　・　No

**(2) Details**

※　For institutions that answered “No,” please state the scheduled period for putting them in place (in the case that they will not be in place until the conclusion of the contract, selection will be cancelled).

　(Example entry) If “Yes”

・ A budget code can be set in the current accountancy system, so for expenses in the assigned Project, it will be possible to conduct separate accounts processing by assigning a new code.

・ As there is an accounting system for the breakdown of each type of funding, separate accounts processing is possible.

　(Example entry) If “No”

　・ The current accountancy system in use does not allow for separate accounts, so separate breakdown tables will be produced using spreadsheet software.

　Scheduled date for provision: Timing of selection for adoption

・ Currently, although an accounting register is not produced for each expense received, in the case that the assigned Project is implemented, a new accounting register will be prepared for the assigned Project in order to deal with this.

　Scheduled date for provision: Conclusion of contract

**Form 6 Junior researcher participation　*Required***

|  |  |  |  |
| --- | --- | --- | --- |
| Project  Name of Plan |  | | |
| Name of Representative Organization |  | Name of PM |  |

In this Project, the proactive participation of a junior researcher (40 years old or less) is being promoted. For this reason, please state the number of such researchers who are scheduled to participate in the table below. This Information will be utilized for the screening of proposal details.

|  |  |  |
| --- | --- | --- |
| Name of Representative Organization and Joint Research Institute | No. of researchers 40 years old or below (people) | No. of researchers 41 years old or above (people) |
| ○○Co., Ltd. | ○ | ○ |
| ○○University | ○ | ○ |
|  |  |  |
|  |  |  |
|  |  |  |

*(Add/delete as necessary)*

**Form 7 Information management implementation system *Required　2 x A4 paper or less***

|  |  |  |  |
| --- | --- | --- | --- |
| Project  Name of Plan |  | | |
| Name of Representative Organization |  | Name of PM |  |

Please fill in the following after checking Application Guidelines 23“Optimization of Information management.”

　Information management implementation system

|  |
| --- |
| (Example entry)  【Representative Organization：○○○○○○】　　　　　　 【Joint Research Institute ：○○○○○○】  　Information management general manager 　　　　　　　　　　　　　Information management manager  　　Job Title：○○○○　　　　　　　　　　　　　　　Job Title：○○○○  　　Name ：○○○○　　　　　　　　　　　　　　　Name ：○○○○  　Information management manager 　　　　　　 【Joint Research Institute ：○○○○○○】  　　Job Title：○○○○　　　　　　　　　　　　　　Information management manager  　　Name ：○○○○　　　　　　　　　　　　　　　Job Title：○○○○  　　　　　　　　　　　　　　　　　　　　　　　　Name ：○○○○  　　　　　　　　　　　　　　　　　　　　　 【Joint Research Institute ：○○○○○○】  　　　　　　　　　　　　　　　　　　　　　　　Information management manager  　　　　　　　　　　　　　　　　　　　　　　　　Job Title：○○○○  　　　　　　　　　　　　　　　　　　　　　　　　Name ：○○○○ |

(Note) If an appropriate system is in place, it is acceptable for the Information management general manager and the Information management manager to be the same person as the PM (Main researcher).

**Form 8 Information regarding conflicts of interest *Required***

|  |  |  |  |
| --- | --- | --- | --- |
| Project  Name of Plan |  | | |
| Name of Representative Organization |  | Name of PM |  |

1. **Information regarding conflicts of interest between PM and PD**

Please make a choice as to whether there are any conflicts of interest between the PM and the PD in charge of the Moonshot goal.

If “Yes,” please state the necessity, rationality and suitability, etc. of participation in R&D. From the perspective of a fair and transparent evaluation, a PD who has a conflict of interest with the proposer cannot joining the screening.

A “conflict of interest” falls under any of the following categories from ① to ⑥.

1. Those who belong to the same department (faculty, research area, etc.) as the PM in the same private company, university, national research and development corporation, or other research institutes.
2. Those who have kinship ties with the PM.
3. Those who are in a direct competitive relationship with the PM.
4. Those who are in a close Joint research relationship with the PM.
5. Those who are in a close mentoring relationship or direct employment relationship with the PM.
6. Any other cases in which the relationship is deemed to be inappropriate by the director for making a fair judgment.

There is a conflict of interest between the PM and PD:　☐Yes　☐No

　※ Please select one.

If “Yes,” please state which of ①～⑥ corresponds to the conflict of interest.

Number:

|  |
| --- |
| Please state the necessity, rationality and suitability, etc. of participation in R&D. |

1. **Information regarding conflicts of interest with the PM and** **researchers belonging to Joint Research Institutes**

Please make a choice as to whether there are any conflicts of interest between the PM and researchers belonging to Joint Research Institutes.

If “Yes,” please state the necessity, rationality and suitability, etc. of participation in R&D.

A “conflict of interest” falls under any of the following categories from ① to ⑥.

1. Those who belong to the same department (faculty, research area, etc.) as PMs and researchers belonging to joint research institutes in the same private company, university, national research and development corporation, or other research institutes.
2. Those who have kinship ties with PMs and researchers belonging to joint research institutes.
3. Those who are in a direct competitive relationship with PMs and researchers belonging to joint research institutes.
4. Those who are in a close joint research relationship with PMs and researchers belonging to collaborative research institutes.
5. Those who are in a close mentoring relationship or direct employment relationship with PMs and researchers belonging to joint research institutes.
6. Any other cases in which the relationship is deemed to be inappropriate by the director for making a fair judgment.

There is a conflict of interest with the PM and researchers belonging Joint Research Institutes:　☐ Yes ☐No

※ Please select one.

Conflict of interest with researcher belonging to Joint Research Institute

|  |  |  |  |
| --- | --- | --- | --- |
| Name of researcher | Belongs to | Number corresponding to  conflict of interest | Please state necessity, rationality and suitability, etc. |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

(Note) Please state which of ①～⑥ from above corresponds to the conflict of interest.

* In the case that a confirmation of the conflict of interest is to be made, we request your cooperation as the provision of additional information may be requested.

**Form 9 Statement of reason for using research management administrative body *1 x A4 paper or less/submission for corresponding research issue only***

|  |  |  |  |
| --- | --- | --- | --- |
| Project  Name of Plan |  | | |
| Name of Representative Organization |  | Name of PM |  |
| Name of research management administrative body |  | Name of manager of research management administrative body |  |

In this Project, if recognized by BRAIN as being necessary, in addition to the representative Organization to which the PM belongs, an institution (referred to hereafter as a “research management administrative body”) may be established for undertaking subcontracted work and to carry out accountancy tasks for BRAIN.

Cases in which a research management administrative body is set up

・In the case that the researcher belonging to a local public body is also the PM and the local public body has made considerations for particulars such as the need for budget measures in advance for the implementation of research, and it is recognized as being difficult for the local public body to employ an accountancy manager

・In the case that the PM belongs to an SME or that multiple SMEs, etc. are participating in the Study Group, and there is almost no track record of undertaking contracts from the state, so it is deemed that concluding a subcontract will de substantially delayed

As this is a special measure, in this Form, please make a clear statement of the reason why it is difficult for the Representative Organization to conclude a subcontract with the state.

　　Also, for the submission of this Form, please ensure that approval is obtained from the head of the finance department of the Prefecture or the SME, etc. and please state the contact information (Name, Department, Job Title, Telephone number and e-mail address) of the head of finance.

　If the task is selected, separately, submission shall be made with the official seal of the head of finance of the Representative Organization.

Year○○○○Month○○Day○○

Financial manager of Representative Organization

|  |  |
| --- | --- |
| Contact information for Manager | |
| Name of Manager |  |
| Affiliated Department |  |
| Job title |  |
| Telephone number/FAX |  |
| E-mail |  |

(Note) If the Project plan is selected, submission shall be made with the official seal of the manager of finance of the Representative Organization.

**Form 10 Consent and Understanding *Required***

|  |  |  |  |
| --- | --- | --- | --- |
| Project  Name of Plan |  | | |
| Name of Representative Organization |  | Name of PM |  |

**(1) Understanding of compliance with laws and regulations, etc.**

Please check the boxes after confirming the following laws and regulations that should be complied with in the establishment of this Proposal.

|  |  |  |
| --- | --- | --- |
| 1. | **☐** | Implementation of intellectual property management based on “Policy regarding intellectual property rights from agriculture, forestry and fisheries research” (enacted February 2016 by the Agriculture, Forestry and Fisheries Research Council), etc. |
| **2.** | **☐** | “Guidelines for responding to fraud in research activities related to research funding from MOFA” (18th Agricultural Association No. 1147 Notification from Director of Agriculture, Forestry and Fisheries Research Council, Director of Forestry Agency and Director of Fisheries, dated December 15, 2006. Includes later revisions.) |
| **3.** | **☐** | “Guidelines for Managing and Auditing Public Research Funds at Research Institutions (Implementing criteria)” (19th Agricultural Association No. 706, Notification from Director of Agriculture, Forestry and Fisheries Research Council, Director of Forestry Agency and Director of Fisheries, dated October 1, 2007. Includes later revisions.) |
| **4.** | **☐** | Promotion of Public Engagement in Science and Technology (policy for basic initiatives) (State Minister in Charge of Science and Technology Policy and Executive Members of Council for Science and Technology, dated June 19, 2010) |
| **5.** | **☐** | Regarding security trade control (dealing with international technical leakage), laws, ordinances and notifications, etc., established by various ministries, including the Foreign Exchange Foreign Trade Act, so that cutting-edge research outcomes, etc., do not fall into the hands of developers of weapons of mass destruction, terrorist groups and other parties who may divert such outcomes to military use, etc. |
| **6** | **☐** | International rules and the laws and ordinances of relevant countries when conducting R&D using genetic resources from overseas (including related conventional knowledge)※  ※Convention on Biological Diversity, Nagoya Protocol, and the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGR), as well as the laws and ordinances of the countries that provide and use genetic resources. |
| **7.** | **☐** | “Basic Guide for the implementation of animal experiments, etc., in research institutions owned by MOFA” (Notification from Director of Agriculture, Forestry and Fisheries Research Council, dated June 1, 2006) |

(Note) Please refer to Application Guidelines 11 “Intellectual Property” 16 “Measures to Prevent the Misuse of Research Funds” 18 “Measures to Prevent Misconduct in Research Activities” and 24 “Compliance with Laws, Regulations, Guidelines, etc.”

**(2) Consent regarding outsourcing contracts**

In the case that the proposal issue is adopted, for the execution of outsourcing contracts, please check the box below in the case that there is no objection to making contracts based on the conditions stated in the Outsourcing Contract (draft) presented by BRAIN. (Please refer to Application Guidelines 3(3) “Requirements for Representative Agencies.”)

**☐ No objection to giving consent to the Outsourcing Contract.**

**(3) Consent to data management**

In the case that the proposal issue is adopted, based on the items stated in Application Guidelines 12 (2) “Data management,” please check the box below in the case that there is no objection to the appropriate management/publication of data gained from R&D.

**☐ No objection to giving consent regarding data management.**