Advanced Research and Development Programs for Medical Innovation (AMED-CREST, PRIME)

2017 Selection interview/supplementary information (example)

|  |  |
| --- | --- |
| R&D Principal investigator (PI) name:  　○○　○○ | Affiliation/title:  Professor, Department of \*\*\* ,School of \*\*\*, \*\*\* University |
| Project name: \*\*\*\*\*\*\*\*\*\* | |

1. Outline of R&D proposal

\*Please enter a summary of your R&D proposal, strictly within 50 words, in language that could be understood by readers without expertise in the subject. If selected, this summary will be used as reference material for the press release.

2. R&D budget

(1) R&D period: October 2017– (Y) (M) ( years)

(2) Total R&D budget: million yen (Direct cost)

\*If selected, you will not necessarily conduct research under the budget entered here.

(3) R&D budget by research group

●R&D PI Group (AMED-CREST)

R&D PI name (affiliation/title): \*\*\* \*\*\* (Department of \*\*\*, \*\*\*University)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | First FY  (Oct.2017-3.2018) | Second FY  (4.2018-3.2019) | Third FY  (4.2019-3.2020) | Fourth FY  (4.2020-3.2021) | Fifth FY  (4.2021-3.2022) | Final FY  (4.2022-3.2023) | Total  (By JPY 1000) |
| Equipment costs |  |  |  |  |  |  |  |
| Supplies costs |  |  |  |  |  |  |  |
| Travel costs |  |  |  |  |  |  |  |
| Personnel costs (number of researchers) |  |  |  |  |  |  |  |
| Other costs |  |  |  |  |  |  |  |
| Indirect cost |  |  |  |  |  |  |  |
| Total (by JPY 1000) |  |  |  |  |  |  |  |

●R&D PI (PRIME)

R&D PI name (affiliation/role): \*\*\* \*\*\* (\*\*\*Laboratory \*\*\* Center)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | First FY  (Oct.2017-3.2018) | Second FY  (4.2018-3.2019) | Third FY  (4.2019-3.2020) | Final FY  (4.2020-3.2021) | Total  (By JPY 1000) |
| Equipment costs |  |  |  |  |  |
| Supplies costs |  |  |  |  |  |
| Travel costs |  |  |  |  |  |
| Personnel costs (number of researchers) |  |  |  |  |  |
| Other costs |  |  |  |  |  |
| Indirect cost |  |  |  |  |  |
| Total (by JPY 1000) |  |  |  |  |  |

●Co-Investigator group (1)

Co-Investigator name (affiliation/role): \*\*\* \*\*\* (\*\*\*Laboratory \*\*\* Center)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | First FY  (Oct.2017-3.2018) | Second FY  (4.2018-3.2019) | Third FY  (4.2019-3.2020) | Fourth FY  (4.2020-3.2021) | Fifth FY  (4.2021-3.2022) | Final FY  (4.2022-3.2023) | Total  (By JPY 1000) |
| Equipment costs |  |  |  |  |  |  |  |
| Supplies costs |  |  |  |  |  |  |  |
| Travel costs |  |  |  |  |  |  |  |
| Personnel costs (number of researchers) |  |  |  |  |  |  |  |
| Other costs |  |  |  |  |  |  |  |
| Indirect cost |  |  |  |  |  |  |  |
| Total (by JPY 1000) |  |  |  |  |  |  |  |

●Co-Investigator group (2)

Co-Investigator name (affiliation/role): \*\*\* \*\*\* (\*\*\*Laboratory \*\*\* Center)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | First FY  (Oct.2017-3.2018) | Second FY  (4.2018-3.2019) | Third FY  (4.2019-3.2020) | Fourth FY  (4.2020-3.2021) | Fifth FY  (4.2021-3.2022) | Final FY  (4.2022-3.2023) | Total  (By JPY 1000) |
| Equipment costs |  |  |  |  |  |  |  |
| Supplies costs |  |  |  |  |  |  |  |
| Travel costs |  |  |  |  |  |  |  |
| Personnel costs (number of researchers) |  |  |  |  |  |  |  |
| Other costs |  |  |  |  |  |  |  |
| Indirect cost |  |  |  |  |  |  |  |
| Total (by JPY 1000) |  |  |  |  |  |  |  |

(4) Research equipment/instruments

Please make sure to consider the shared use of research equipment and instruments at your institution, such as the “shared research equipment and instruments use program by research organization” (shared equipment use program), to be implemented under the “Shared use program of new research equipment/instruments merged with the research organization management” (November 2015, Science and Technology/Academic Evaluation Advanced Research Core Group). In particular, at universities or national research and development agencies, research equipment/instruments with relatively large size and high versatility may be used according to the shared use programs of the applicable research institution/organization.

In light of the above,

1. Regarding the research equipment/instruments that are planned for purchase as indicated below, the individual R&D PI should confirm that there is no overlap with usable equipment/instruments (including shared use equipment/instruments) at the affiliated research institution (department, specialization, laboratory, research center, etc.).

2. At the beginning of the research (conclusion of contracted R&D agreement), it is necessary to obtain prior written consent from those responsible for the equipment shared use program regarding the appropriateness of the equipment/instrument purchase plan in terms of shared equipment use at each affiliated institution. If no equipment sharing program is being implemented, please note that prior written consent is necessary from those responsible for the applicable contracted R&D agreement.

|  |
| --- |
| ☐I affirm that I have reviewed item 1.  ☐I affirm that I have read and understood item 2.  ※Please check if you have reviewed and consent to the items above. |

\*Note: If affiliated with a research organization without existing equipment sharing programs, please coordinate with the research strategy officers or equipment and facilities departments at the university or research organization headquarters to introduce sharing programs.

Reference: Application Guidelines “IX.12. Regarding the encouragement of shared use of research facilities and equipment”.

(5) Equipment, researchers, etc.

(a) Major equipment planned for purchase (Over JPY 2M per item, equipment name, pricing (estimate))

|  |  |  |
| --- | --- | --- |
| Equipment name | Pricing (unit; 1,000 JPY) | Installation location |
| ○○○○○○ | 15,000 | Department of \*\*\*, \*\*\*University |
| ○○○○○○ | 5,000 | Department of \*\*\*, \*\*\*University |
| ○○○○○○ | 10,000 | \*\*\*Laboratory, \*\*\*Research Center |
|  |  |  |

(b) Appropriateness and necessity of planned purchases of equipment over JPY 10M per item

|  |  |  |  |
| --- | --- | --- | --- |
| Equipment name | Pricing (unit; 1,000 JPY) | Shared/  exclusive use | Appropriateness, necessity, etc.\* |
| ○○○○○○ | 15,000 | Shared use | ○○○○○○ |
| ○○○○○○ | 10,000 | Shared use | ○○○○○○ |
|  |  |  |  |

\*Please detail why the specification and capacity of the equipment are necessary in relation to the research purpose/proposal. In the case of exclusive use, please add a detailed explanation of why the use of shared equipment/instruments or shared use with others is difficult.

(c) Major equipment that can be available without new purchases

|  |  |
| --- | --- |
| Equipment name | Installation location |
| ○○○○○○ | Department of \*\*\*, \*\*\*University |
| ○○○○○○ | Department of \*\*\*, \*\*\*University |
| ○○○○○○ | \*\*\*Laboratory, \*\*\*Research Center |
| ○○○○○○ | \*\*\*Laboratory, \*\*\*Research Center |
|  |  |

(d) Number of researchers, etc., to newly hire (Only AMED-CREST)

|  |  |  |
| --- | --- | --- |
|  | No. of People | Affiliated institution |
| Researchers\* | People | 2 from Department of \*\*\*, \*\*\*University, 1 from \*\*\*Laboratory, \*\*\*Research Center |
| Technicians | People | 1 from Department of \*\*\*, \*\*\*University, |
| Research Assistants | People | 1 from \*\*\* Laboratory, \*\*\* Co., Ltd. |

**\*Please also enter (6) below.**

(6) Please enter the career path of the researchers that will be hired for this research after the conclusion of this R&D. Regarding young postdoctoral researchers, please describe the “activity plans for supporting diverse career paths,”(AMED-CREST only).

(7) Other

\* Please specify if spaces other than existing laboratories will be newly furnished and used.

\*In the case of AMED-CREST, if a joint researcher is going to execute R&D at an oversea institution, please note the adjustment status about the research contract with contracting officer of the institution.

\*In the case of PRIME R&D PI, if hiring requirement of the institution claims that the own personnel should be payed by his/her awarded external funds, please note the adjustment status with personnel management officer of the institution or hiring requirement.

3. Other support (R&D PI, Co-Investigator)

\*Please enter the research topic, time period, role, amount of grant funding received, difference and relation with proposed topic, efforts, etc., for each program, regarding the national competitive aid programs (AMED-CREST/PRIME included) or other research grants (including private foundations and overseas institutions) that the R&D PI and Co-Investigator are currently receiving or requesting/planning to request. You may be asked to submit applications and research plans for other research grants. If the stated content differs from the actual situation, it is possible for the selected proposals to be cancelled at a later date.

<If there are any changes to the content from submitted Research Proposal —Form 11, including acceptance decisions of research grant applications in progress, please update the content to reflect the most recent information.>

R&D PI (Research Project Applicant): \*\*\* \*\*\*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name of the Program1) | Status2) | Title of project  (name of PI) | Research period | Role3)  (PI or Co-Investigator) | (1) Allocated budget4)  (for entire period)  (2) 〃(FY 2018, planned)  (3) 〃(FY 2017, planned)  (4) 〃(FY 2016, results) | Difference/relation with proposed topic | Effort  (％)5) |
| **Present Proposal Topic**  **（\*Please do not delete）6)** |  |  | 10.2017－  3.2023 | PI | (1) JPY 300M  (2) JPY 70M  (3) JPY 20M  (4) － | － | 20 |
| Grants-in-Aid for Scientific Research, Fundamental research (S) | Awarded | Creation of X by Y (\*\*\*\*) | 4.2013－  3.2018 | PI | (1) JPY 100M  (2) －-  (3) JPY 20M  (4) JPY 20M | ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○ | 20 |
| Health and Labor Science Research Grants | Submitted | Enhanced functionality of X by Y (\*\*\*\*) | 4.2018－  3.2020 | PI | (1) JPY 30M  (2) JPY 10M  (3) －  (4) － | ○○○○○○○○○○○○○○○○○○○○ |  |
| 7) |  |  |  |  |  |  |  |

1) List grants that the proposer is currently receiving, or has been selected to receive, in descending order of amount in allocated budget (for the entire period). Then list those the proposer is currently applying for or is planning to apply for.

2) Type “Awarded” if it is currently awarded or decided to be awarded, and type “Submitted” for other status.

3) For “Role,” please enter Principal Investigator (PI) or Co-Investigator.

4) For “Allocated Budget,” enter the amount of allocated budget (direct cost).

5) “Effort” indicates the percentage of time required by a researcher to engage in the research when his/her total annual work hours is taken as 100%. “Total work hours” refers to the overall substantial work time including education, medical care, and other activities and not only the time spent on research activities (according to the definition set by Council for Science, Technology and Innovation). Do not enter efforts of the programs applied for, or planned to apply for. Enter only the efforts for which you are receiving or planning to receive on the assumption that only the AMED-CREST/PRIME program is selected.

6) On the first line, please note about the present research proposal for AMED-CREST/PRIME.

Co-Investigator (1): \*\*\* \*\*\*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name of the Program1) | Status2) | Title of project  (name of PI) | Research period | Role3)  (PI or Co-Investigator) | (1) Allocated budget4)  (for entire period)  (2) 〃(FY 2018, planned)  (3) 〃(FY 2017, planned)  (4) 〃(FY 2016, results) | Difference/relation with proposed topic | Effort  (％)5) |
| **Present Proposal Topic**  **（\*Please do not delete）6)** |  | ◇◇◇◇◇◇◇◇◇◇ | 10.2017－  3.2023 | Co-Investigator | (1) JPY 45M  (2) JPY 10M  (3) JPY 5M  (4) － | － | 20 |
| NEDO○○○ | Awarded | ○○○○○○○○○○ | 4.2016－  3.2019 | PI | (1) JPY 15M  (2) JPY 7M  (3) JPY 5M  (4) － | ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○ | 5 |
| ・・・７） |  |  |  |  |  |  |  |

For Notes 1) to 6), please refer to the R&D PI section on the previous page.

Co-Investigator (2): \*\*\* \*\*\*

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Name of the Program1) | Status2) | Title of project  (name of PI) | Research period | Role3)  (PI or Co-Investigator) | (1) Allocated budget4)  (For entire period)  (2) 〃(FY 2018, planned)  (3) 〃(FY 2017, planned)  (4) 〃(FY 2016, results) | Difference/relation with proposed topic | Effort  (％)5) |
| **Present Proposal Topic**  **（\*Please do not delete）6)** |  | ◇◇◇◇◇◇◇◇◇◇ | 10.2017－  3.2023 | Co-Investigator | (1) JPY 30M  (2) JPY 5M  (3) JPY 5M  (4) － | － | 20 |
| ・・・７） |  |  |  |  |  |  |  |

For Notes 1) to 7), please refer to the R&D PI section on the previous page.

4. Support in the past five years (R&D PI, Co-Investigator)

\* Please specify the research topic, time period, role, amount of grant funding received, etc., for each national competitive aid program or grants from other research grant programs that the R&D PI and Co-Investigator have received in the past five years with a research budget of over JPY 50M (for the entire period). If the stated content is falsified, it is possible for the selected proposals to be cancelled at a later date.

The national competitive aid program or grants from other research grant programs refer to awards given prior to grants listed in “3. Other Support” and indicate grants that have completed between April 2012 and March 2017.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Program1) | Title of Project | Research period | Allocated budget (for entire period) 2) | Role3)  (PI or Co-Investigator) | Recipient |
| |  | | --- | |  |   Grants-in-Aid for Scientific Research, Fundamental research (S) | ○○○○○○○○○○ | 2008-2012 | JPY 100M | PI | ○○　○○  （R&D PI） |
| Grants-in-Aid for Scientific Research, Fundamental research (A) | ○○○○○○○○○○ | 2010-2015 | JPY 52M | Co-Investigator | 〃 |
| Health and Labor Sciences Research Grants | ○○○○○○○○○○ | 2009-2012 | JPY 50M | PI | ◇◇　◇◇  （Co-Investigator） |
| Promotion of Science and Technology Adjustment Cost | ○○○○○○○○○○ | 2012-2016 | JPY 50M | Co-Investigator | □□　□□  （Co-Investigator） |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

1) List grants that were awarded in the past five years in descending order of amount of allocated budget (for the entire period).

2) Regarding “Allocated Budget (for entire period),” enter the amount that was awarded to the recipient.

3) For “Role,” please enter Principal Investigator (PI) or Co-Investigator.

5. Research members (R&D PI)

\* Please include all personnel who are affiliated with the same place of research (lecture, laboratory, research group, etc.) as the R&D PI.

|  |  |  |
| --- | --- | --- |
| Title1) | Number of personnel | Number of research participants |
| Professor |  |  |
| Associate Professor |  |  |
| Assistant Professor |  |  |
| Researcher (Postdoctoral, etc.) |  |  |
| Technician |  |  |
| Research Assistant |  |  |
| Graduate Students（Doctoral） |  |  |
| Graduate Students（Master） |  |  |
| Undergraduate Students |  |  |
| Other (Visiting, etc.) |  |  |

1) Please enter the title according to the affiliated personnel organization. In addition, please include the number of affiliated students.

6. Relationship with Program Supervisor (PS) and Program Officer (PO)

Although we have already received confirmation on the relationship with the PS/PO during the proposal submission process, please double-check that the following relationships with PS (in the case of AMED-CREST) or with PO (in the case of PRIME) do not exist.

If there is even one item among items a–f below that seems ambiguous, please contact us beforehand. Contact: kenkyuk-kobo@amed.go.jp

|  |  |  |
| --- | --- | --- |
| Item | Content | Items to check |
| a | The PS/PO is a relative. | N/A □ |
| b | The research project applicant and the PS/PO are both affiliated with the same smallest organizational unit (e.g., same research lab) of an university or other national government-funded research and experiment institution, or with the same company. | N/A □ |
| c | The research project applicant and the PS/PO are presently working in close cooperation on the same joint research project or have done so within the past five years.  (For example, the research project applicant and the PS/PO are working together on the same research project, are performing different parts of the same research project, or are coauthors of a research paper.) | N/A □ |
| d | The research project applicant and the PS/PO were in a close teacher–student relationship for a total of more than ten years (not necessarily continuous) or were in a direct employer–employee relationship. “Close teacher–student relationship” refers to cases in which the research project applicant and the PS/PO were affiliated with the same research lab and cases in which the PS/PO affiliated with a different lab, but essentially functioned as a research advisor for the research project applicant. | N/A □ |
| e | The PS/PO has received economic benefits from the applicant within the past three years including FY2017, of more than one million yen. | N/A □ |
| f | Other serious conflicts of interest are recognized to exist. | N/A □ |