(CREST-Form 1)

**FY 2018 Application CREST Research Proposal**

|  |  |
| --- | --- |
| Research Area |  |
| Title of proposed research project |  |
| Japanese side |  |
| Name of Research Director |  |
| Affiliated Institution, Section, Title |  |
| Researcher ID No. | Enter the 8-digit “e-Rad” login ID which is provided by registering researcher information on the e-Rad system (<http://www.e-rad.go.jp/>). |
| Academic Background  | List the applicant’s undergraduate and graduate education as indicated below:Year: Undergraduate Institution, Major Degree, SupervisorYear: Graduate Institution, Major Degree, Supervisor |
| Professional Appointments  | List, in chronological order, all academic/professional appointments of the applicant finishing with the current appointment. Include the name of a project leader or a supervisor who had/has been at a mentoring position for the given appointment. |
| Information about the Research Director | URL: Please indicate URL if there are any websites where the information of the Research Director is available (such as a website of his/her laboratory or researchmap webpage, etc.). |
| Research Period  | [mm. yy] – [mm. yy] |
| Effort for the Proposed Research | Effort in FY2018: % |
| Total RequestedResearch Budget | Total Requested Budget: \_\_\_\_\_\_\_\_\_\_ million yen |
| French side |  |
| Name of Research Director |  |
| Affiliated Institution, Section, Title |  |
| Researcher ID No. |  |
| Academic Background  |  |
| Professional Appointments  |  |
| Information about the Research Director | URL: |
| Research Period  | [mm. yy] – [mm. yy] |
| Effort for the Proposed Research | Effort in FY2018: % |
| Total RequestedResearch Budget | Total Requested Budget: \_\_\_\_\_\_\_\_\_\_ thousand euro |

**Notes for the preparation of Form1**

**- Proposed Research Area (for Japanese only)**

Only one application may be submitted across all the Research Areas in CREST, PRESTO and ACT-I.

**- Researcher ID No. (for Japanese only)**

Proposals must be submitted via the e-Rad system. Those who do not have Kakenhi ID or e-Rad login ID should contact their affiliated Research Institution personnel or the e-Rad Helpdesk immediately to obtain the e-Rad ID. See Chapter 10 in this guideline.

**- Academic Background & Professional Appointments (for Japanese only)**

Make sure to list the names of the supervisor / the head of the affiliated research laboratory.

**- Research period**

The ending time period of research projects can be set to an arbitrary date prior to March 31, 2024 (default).

**-Efforts in this fiscal year (for Japanese only)**

Describe the relative ratio (%) of time necessary to undertake the research, assuming the total work time (including research-, educational-, and medical-related activities) for the year is 100%, as defined by the General Science and Technology Innovation Conference. Do not include efforts　, such as grants, that are being applied or planned. Include only efforts, such as grants that are being received or to be received in case the proposal is adopted for CREST. The sum of the ratios of efforts involved in CREST and the grant presently received must not exceed 100%.

(CREST-Form 2)

**Research Proposal Overview and Major Achievements of the Research Directors**

**1. Outline of the Research Project**

* Provide an overall description of the research proposal in less than two A4-size sheets (no exceptions). Use 10.5 point or larger font size (If these instructions are not followed, the research proposal might not be accepted).
* Form 2 chiefly covers material that is critical for documentation-based selection. It will be evaluated from the perspectives below:
* Is it aligned with the goals of the solicited Research Area ? (Can the proposal be expected to contribute to fulfilling the purpose of the Research Area? Mainly, does the proposal correspond to items a. and b. in “(1) Selection Standards (Preliminary Evaluation Standards)” in Section 5.1.3, “Selection Perspective”)
* Is it aligned with the goals of the CREST Program (Mainly, does the proposal correspond to the goal noted in c. in “(1) Selection Standards (Preliminary Evaluation Standards)” in Section 5.1.3, “Selection Perspective” for “Basic research that is unique, highly appreciated internationally, and expected to produce outstanding results that contribute greatly to science and technology innovation?”)?
* Therefore, in this form, provide a brief description that focuses on the details corresponding to Item 1, “Target and Objectives,” of CREST Form 3 (Project Description), and provide the minimum explanation (corresponding to Items 2 to 6 of Form 3) required to understand your description above.
* (The scientific/technical evaluation of the validity and feasibility of the Project Description will be considered mainly with CREST Form 3)
* A preliminary selection entailing a documentation-based selection for each Research Area may be held from the perspectives of a) and b) above.
* Insert figures and tables (in color) appropriately to be undertaken clearly.

*Do not exceed two A4-size sheets (no exceptions)*

**2. List of principal research papers / invited lectures(Japanese side)**

* On no more than one A4-size sheet (no exceptions), list your principal research papers and invited lectures (If these instructions are not followed, the research proposal might not be accepted).
* Adjustment to font size and line spacing is acceptable.
* Do not include in your list works by Lead Joint Researcher(s).

(1) List of principal research papers

* From CREST Form 7, Item 1, select a maximum of 10 principal research papers by the research project applicant who will become the Research Director and list them here (Use the same description and format as from CREST Form 7, Item 1).
* Sequentially number each item with a number at the beginning of each title.

(2) List of principal invited lectures

* List a maximum of 10 principal invited lectures by the research project applicant who will become the Research Director.
* Sequentially number each item with a number at the beginning of each title.

*Do not exceed one A4-size sheet (no exceptions)*

**3. List of principal research papers / invited lectures (French side)**

(1) List of principal research papers

(2) List of principal invited lectures

*Do not exceed one A4-size sheet (no exceptions)*

(CREST-Form 3)

**Project Description**

* Clearly state the work to be undertaken. Figures and tables (in color) may be included if necessary.
* Do not exceed six A4-size sheets (no exceptions). Use 10.5 point or larger font size (If these instructions are not followed, the research proposal might not be accepted).
* In the Project Description, make effective references to the descriptions of achievements listed in Forms 7 and 8 to clarify the relationship between the achievement and the research being proposed by the research project applicant.

**1. Target and Objectives**

Describe specifically:

* Objectives and goals of the proposed research project (expected achievements), and
* Significance in terms of the impact on the advancement of science and technology, potential benefits to society and creation of innovation resulting directly from above mentioned achievement.

**2.** **Background**

Describe scientific and technological needs, social demand and requests from economic and industrial interests, including the trends of the related fields to illustrate the importance and necessity of the proposed research project.

**3.** **Research Plans and Approach**

Describe the plans of the proposed research project.

* Show the outline of the time schedule to demonstrate your vision and plan specifically, how to attain "1. Target and Objectives ", while indicating milestones of research toward "1. Target and Objectives." Also, show clearly the goal to be achieved after 3 years from research start. This is one of the evaluation basis.
* Include probable challenges in accomplishing the objectives and goals and solutions for them.
* Questions and their solutions likely to be addressed for the achievement of "1. Target and Objectives." should be contained.
* It is possible to describe them per every research subject.
* Strategy to acquire intellectual property rights. Describe relevant intellectual property rights that the proposers own.

(CREST-Form 3 cont.)

**4.** **Research infrastructure and preparation**

Describe research background and achievements of the Research Directors and other participants that are relevant to implement the proposed research project including the following information;

* Relevant projects conducted in the past and achievements of your own research efforts (and those of other research participants, if necessary)
* Other preliminary knowledge, data, etc. (if any)
* Measures taken to the item “d” in “2.2.7 Selection Perspective”

**5.** **Originality and novelty of the proposed research and comparison to current state of similar studies**

Take into account the situation and trends of research in relevant fields, present originality and novelty of the proposed research project, and its advantages over others.

**6．Future Prospect of Research**

Describe expected creation of science and technology innovation, creation of new industry, acquirement and enforcement of intellectual properties, contribution to society, etc., which are likely realized in the future, by success of the achievement of the “1. Target and Objectives” in the Project Description

**7. Specific for collaboration**

Please describe;

* A clear description of the planned research collaboration
* Responsibilities of the respective partners
* How the project is expected to help strengthen research cooperation between France and Japan
* The added value to be expected from the research collaboration that otherwise would not be possible if undertaken separately

For French partners applying on Quantum technology topic:

* Which area of the European Strategic Research Agenda for Quantum technologies does your proposal contribute to? See http://ec.europa.eu/newsroom/dae/document.cfm?doc\_id=46979

*Do not exceed six A4-size sheets (no exceptions)*

(CREST-Form 4J (for Japanese only))

**Research Project Organization 1 (Japanese side)**

(Research framework at Research Director’s Group)

**Research Director’s Group**

|  |  |  |  |
| --- | --- | --- | --- |
| **Research Director** | **Research Institution1)** | **Title** | **Effort2)** |
| **○○　○○** | *Department of \*\*\*, Graduate School of \*\*\*, \*\*\* University* | Professor | 40％ |
| **Research Participants3,4)** | **Affiliation (Omit if the same as above)5)** | **Title** |
| ○○　○○ |  | Professor |
| ○○　○○ |  | Associate Professor |
| ○○　○○ |  | Lecturer |
| ××　××1) If your research project is selected, but you will be performing the research at a facility different from your current affiliated institution, provide the name of the institution at which the research will be conducted. Also please provide us with information on the situation in the Note section below.2) “Effort” indicates the percentage of time required by a researcher to engage in the research when his/her total annual work hours is 100%. “Total work hours” refers to the overall substantial work time including education, medical care and other activities and not only the time spent for research activities.3) Provide sufficient consideration to the roles played by the members of your Research group.–4) Add additional lines for research participants as necessary. If the research staff has not been finalized at the time of the proposal, a note like “Research staff of n persons” will suffice.5) If the same research items must be performed at multiple organizations, feel free to add the members from the other organizations as research participants (Refer also to the Q&A). | \*\*\* Laboratory, \*\*\* Co., Ltd. | Principal Researcher |

**Note**

- When special duties (managerial positions, such as the dean, chairperson of an academic society, etc.) take working hours (effort), explain the situation and reason.

**Research subjects and overview (Do not exceed two A4-size sheets)**

* + **Title of research subjects in charge**
	+ **Overview**

Describe briefly an overview of the research subjects that the Research Director’s Group will be in charge of.

**Role in the entire research project**

Describe the role which the Research Director’s group plays in realizing the proposed research project.

(CREST-Form 5J (for Japanese only))

**Research Project Organization 2 (Japanese side)**

(Research framework at the Joint Research Group）

* If a joint research group (joint research institution) other than the Research Director’s affiliated institutions is required, list them in Form 5 (this form) per joint research institution.
* The joint research groups from various institutions such as industries, governments, and academia can be included in Research Director’s team.
* Although there is no maximum limit of the number of the joint research groups, compose a necessary and sufficient number of groups for execution of Research Director’s research idea. If Research Director does not play a leading role, or if assigned tasks of the joint research groups are not clear, the framework of team is inappropriate.
* Add or delete rows to/from the table as necessary for the number of groups.
* It is not mandatory to have joint research groups to the research team.
* Describe measures taken to the item “d” in “5.1.3 Selection Perspective”

**Joint Research Group (1)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Lead Joint Researcher** | **Joint Research Institution1)** | **Title** | **Effort** |
| ○○　○○ | \*\*\* Team, \*\*\* Department, \*\*\* Laboratory | Team Leader | ％ |
| Researcher ID No.6)Institution Code:7) |
| **Research Participants3,4)** | **Affiliation** (Omit if the same as above)5) | **Title** |
| **○○　○○** |  | Principal Researcher |
| **○○　○○** |  | Researcher |
| **Will hire 2 research participants** |  | Research Fellow |
| **××　××** | \*\*\* Laboratory, \*\*\* Co., Ltd. | Principal Researcher  |

For 1) to 5), refer to the previous page.

6) Lead Joint Researchers shall write in ID number provided by Grant-in-Aid for Scientific Research <Kakenhi> or the e-Rad system, if any.

7) Lead Joint Researchers shall write in Institution No. of the e-Rad system, if any.

**Research subjects and overview (Do not exceed two A4-size sheets)**

* + **Title of research subjects in charge**
	+ **Overview**

Describe briefly an overview of the research subjects that this joint research group will be in charge of.

* + **Role in the entire research project and necessity**

Describe the role which this joint research group plays in realizing the proposed research project.

(Continued on the next page)

(Continued from the previous page)

**Joint Research Group (2)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Lead Joint Researcher** | **Joint Research Institution**  | **Title** | **Effort** |
|  |  |  | ％ |
| Researcher ID No.: Institution Code: |
| **Research Participants**  | **Affiliation** (Omit if the same as above) | **Title** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Research subjects and overview (Do not exceed two A4-size sheets)**

* + **Title of research subjects in charge**
	+ **Overview**
	+ **Role in the entire research project and necessity**

(CREST-Form 4F, 5F (for French only))

**Research Project Organization (French side)**

(Research framework at Research Director’s Group)

 (CREST-Form 6J (for Japanese only))

**Budget Plan (Japanese side)**

* Prepare the budget plan and sort it by items and by groups for each year.
* A more detailed budget plan will be requested when the proposal proceeds to the interview.
* The budget plan, after adopted, may be revised during the research period according to the state of the project, Research Area policy, and project evaluation, etc.
* Organize an optimal research team with necessary and sufficient number of groups. Appropriateness of the budget allocations to the joint research groups, and cost performance will be an important consideration as a part of the selection process.
* Describe measures taken to the item “d” in “5.1.3 Selection Perspective”

**Research Budget plan by item (entire team)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1st Year**(2018.10-2019.3) | **2nd Year**(2019.4-2020.3) | **3rd Year**(2020.4-2021.3) | **4th Year**(2021.4-2022.3) | **5th Year**(2022.4-2023.3) | **Final Year**(2023.4-2024.3) | **Total**(Million Yen) |
| **Equipment** | 20 | 40 | 0 | 0 | 0 | 0 | 60 |
| **Materials /Consumables** | 20 | 40 | 30 | 30 | 20 | 20 | 160 |
| **Travel** | 1 | 2 | 2 | 2 | 2 | 1 | 10 |
| **Personnel and Services (Number of Researchers)** | 6(2) | 12（2 | 12（2 | 12（2 | 12（2 | 6（1 | 60 |
| **Other** | 10 | 0 | 0 | 0 | 0 | 0 | 10 |
| **Total**（Million Yen） | 57 | 94 | 44 | 44 | 34 | 27 | 300 |

Budgeted costs are itemized as follows:

Equipment: Cost for tangible properties with relatively expensive

Materials / Consumables: Cost for purchasing materials and consumables

Travel: Travel expenses of the Research Director or participants.

Personnel and Services: Personnel expenses and compensation for postdoctoral researchers, technicians, research assistants (RA\*), etc.

\*As for RA, please refer to “5.2.4 Research Costs” and Q&A.

(Numbers of researchers): The number of researchers, technicians, and research assistants who are newly employed for the proposed research project

Other: Costs other than the above (e.g., printing, equipment lease, freight costs, etc.)

Please refer to “Q & A” regarding transferring sums to other budget item categories.

**Note**

* Be thoughtful in your budget allocation to optimize each item and ratios.
* When “Personnel and Services” exceeds 50% of the total budget, or when either of “Material/ Consumables” or “Travel” exceeds 30%, justify it by providing detailed cost estimation and additional information herein.
* If the total requested budget exceeds 500 million yen, describe the "needs for large budget” herein.

(Continued on the next page)

(CREST-Form 6J cont.)

(Continued from the previous page)

Propose a most suitable research team that is necessary and adequate for bringing the research idea of the research representative into reality. When a joint research group is organized, the group must be necessary and essential for bringing a research idea into reality, and be able to make great contributions to achieving the research objectives.

**Research Budget plan by group**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1st Year**(2018.10-2019.3) | **2nd Year**(2019.4-2020.3) | **3rd Year**(2020.4-2021.3) | **4th Year**(2021.4-2022.3) | **5th Year**(2022.4-2023.3) | **Final Year**(2023.4-2024.3) | **Total**(Million Yen) |
| **Research Director Group****\*\*\* University** | 20 | 40 | 25 | 25 | 20 | 15 | 145 |
| **Joint Research Group (1)****\*\*\* University** | 20 | 30 | 10 | 10 | 5 | 5 | 80 |
| **Joint Research Group (2)****\*\*\* Laboratory** | 17 | 24 | 9 | 9 | 9 | 7 | 75 |
| **Total**（Million Yen） | 57 | 94 | 44 | 44 | 34 | 27 | 300 |

**List of major equipment costing 5 million yen or more (item, estimated cost）**

(Example)

\*\*\* Group

 XXXXXX 15 M Yen (Million Yen)

 XXXXXX 5 M Yen

 XXXXXX 10 M Yen

\*\*\* Group

 XXXXXX 7 M Yen

 XXXXXX 10 M Yen

 (CREST-Form 6F (for French only))

**Budget Plan (French side)**

**Research Budget plan by item (entire team) (French side)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **1st Year**(-) | **2nd Year**(-) | **3rd Year**(-) | **4th Year**(-) | **Final Year**(-) | **Total**(Thousand Euro) |
| **Equipment** |  |  |  |  |  |  |
| **Materials /Consumables** |  |  |  |  |  |  |
| **Travel** |  |  |  |  |  |  |
| **Personnel and Services (Number of Researchers)** | （） | （） | （） | （） | （） |  |
| **Other** |  |  |  |  |  |  |
| **Total**（Thousand Euro） |  |  |  |  |  |  |

 (CREST-Form 7J, F)

**List of Achievements (Research Directors / Ex-Post Evaluation Results (Research Directors**

**1. Principal papers, books, and other publications related to this research proposal**

* List a maximum of 20 principal papers, books, and other publications related to this research proposal, starting from the most recent to the past in reverse sequence of year of publication.
* Follow the format below when listing research papers (For books, adhere to this format). Item sequence is not fixed.
* Place an asterisk (\*) at the beginning of the title of the papers referred in the Form 3.

Author(s) (all authors), title, title of journal/book, volume and page numbers, and published year.

**2. Research papers/publications other than the above**

* In addition to 1 above, list a maximum of 20 principal papers, books, and other publications of the Research Director, starting from the most recent to the past in reverse sequence of year of publication.
* Follow the format below when listing research papers (For books, adhere to this format). Item sequence is not fixed.

Author(s) (all authors), title, title of journal/book, volume and page numbers, and published year.

**3. Results of Post Evaluations of Research Project served as Principal Investigator of competitive research funding programs and so on ( only those which were open to public after FY2014.)**

* Names of competitive research funding programs and so on, name of research projects and URLs of Post Evaluations

(CREST-Form 8 J, F)

**List of Achievements**

 **(Lead Joint Researcher(s))**

* List selected publications of the Lead Joint Researcher, in reverse-chronological order, which are mainly considered to be relevant to the proposed research project and published in recent years. Do not exceed 10 papers for each Lead Joint Researcher.
* Follow the format below when listing research papers (For books, adhere to this format). Item sequence is not fixed.
* Author(s) (all authors), title, title of journal/book, volume and page numbers, and published year.

(CREST-Form 9 J, F)

**Patent list**

**(Research Director and Lead Joint Researcher(s))**

* **Major patents**

Application number, inventor, title of invention, applicant, and date of application

List important patent applications of recent years that are considered to be related to this proposal. Do not exceed one page.

* + **Research Director**
	+ **Lead Joint Researcher(s)**

(CREST-Form 10J (for Japanese only))

**Information on Other Supports**

 (Note)

- Your entitlement to the JST funds may be cancelled at a later date even if you have been selected should your presentation fail to be accurate.

- If the results of applications for research grants become known, or if there are other changes in circumstances during the research proposal selection process that require that the information provided in this form be updated, please prepare a revised version of this form and send a message to the email address provided at the end of these requirements.

- Should you be selected for participation in the interview stage of the selection process, you may be asked to provide information on applications, plans, etc. submitted to other programs.

**Research Director (Proposer):** **Name: \_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Program** | **Status** | **Title of Project****（Name of principal investigator）** | **Research Period** | **Role****(Principal Investigator or co-Principal Investigator)** | **(1) Allocated Budget****(For entire period)****(2) FY 2019 (planned)****(3) FY 2018(planned)****(4) FY 2017**  | **Effort****(％)** |
| ALCA, JST Strategic Basic Research Programs | Submitted | Achieving high performance in X by Y(\*\* \*\*) | 2018.4 - 2024.3 | Co-Principal Investigator | (1) 140 M yen(2) 35 M yen(3) 8 M yen(4) | 25 |
| Grants-in-Aid for Scientific Research, Fundamental research (S) | Awarded | Creating W by V(\*\* \*\*) | 2015.4 -2019.3 | PI | (1) 100 M yen(2) 25 M yen(3) 25 M yen(4) 5 M yen | 20 |
|  |  |  |  |  |  |  |

- List grants that the proposer is currently receiving, or selected, in descending order of amount of allocated budget (for the entire period). Then list those the proposer is currently applying for or planning to apply for (specify "submitted" or “preparing” in the column "Program").

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

- Describe directorship or allocated work as "Role."

- Enter the amount of allocated budget (direct cost)."

- Enter "Effort" value of “Awarded” grants. Describe effort for grants the proposer is currently receiving assuming that the CREST proposal is selected.

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

- Add rows if needed.

(Continued on the next page)

(CREST-Form 10 cont.)

(Continued from the previous page)

**Lead Joint Researcher (1):** **Name: \_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Program** |  **Status** | **Title of Project****（Name of principal investigator）** | **Research Period** | **Role** **(Principal Investigator or co-Principal Investigator)** | **(1) Allocated Budget****(For entire period)****(2) FY 2019 (planned)****(3) FY 2018 (planned)****(4) FY 2017**  | **Effort****(％)** |
| Health and Labuor Sciences Research Grants | Awarded | Real world research for Z development(\*\* \*\*)  | 2016.4 -2020.3 | PI | (1) 50 M yen(2) 20 M yen(3) 20 M yen(4) 5 M yen | 10 |
|  |  |  |  |  | (1) (2) (3) (4)  |  |
|  |  |  |  |  |  |  |

**Lead Joint Researcher (2):** **Name: \_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Program** | **Status** | **Title of Project****（Name of principal investigator）** | **Research Period****(fiscal year)** | **Role** **(Principal Investigator or co-Principal Investigator)** | **(1) Allocated Budget****(For entire period)****(2) FY 2019 (planned)****(3) FY 2018 (planned)****(4) FY 2017**  | **Effort****(％)** |
| X Foundation/Y Research grant | Awarded | Aggressive research in the field of Y (\*\* \*\*) | 2017.4 –2020.3 | PI | (1) 2 M yen(2) 0 yen(3) 1 M yen(4) 1 M yeb | 15 |
|  |  |  |  |  | (1)(2)(3)(4) |  |
|  |  |  |  |  |  |  |

(CREST-Form 11J (for Japanese only))

**Protection of Human Rights and Compliance with Laws and Regulations**

* Describe the measures and actions that you will take if your research involves compliance with the related laws and regulations (e.g. research requiring the consent and the cooperation of the other party when implementing the research plan, research requiring consideration for the handling of personal information and research requiring efforts regarding bioethics and safety measures).
* This applies to surveys, research, experiments which require an approval procedure in an ethics committee inside and outside the research institution, such as for example questionnaire surveys in which personal information is involved, interview surveys, the use of provided samples, analysis study of the human genome, recombinant DNA experiments, experiments on animals, etc.
* Please indicate where this is not applicable.

(CREST-Form 12J (for Japanese only))

**References and Additional Statement**

**・References**

* Provide the names of two (2) individuals who have good knowledge of your Research Project (non-Japanese person(s) are acceptable). Provide names of the reference person, institution and contact information (phone numbers and e-mail address). The evaluators (Research Supervisor and Research Area Advisors) may contact them regarding the research proposal during the screening process. Providing this reference information is not mandatory.

**・Additional Statement**

* In case this proposal is the second or the third one to the same research area, please state points of difference from the previous proposal.
* If participation of overseas joint research group(s) is planned, describe reasons and necessities (please refer to “2.2.4 Proposal Submission Requirements”).
* Write why you are applying to the Strategic Basic Research Programs, your ambitions in your research, special awards that should be noted, plans to transfer and the reasons, and other information freely and as necessary. Do not exceed two A4-size sheets.

Proposal Preparation Checklist

(This list must be checked by Japanese before submission to CREST)

 (CREST – Attachment)

○ Please give yourself plenty of time to go complete this checklist.

|  |  |  |
| --- | --- | --- |
| Check | Reference Material |  |
| Have you completed e-Rad researcher registration? | Chapter 10 | □ |
| Have you completed the educational program on research integrity? | Section 8.1 | □ |
| Conflict of interests with the Research Supervisor:\* | Section 5.1.1 |  |
| a | The research project applicant is a relative of the Research Supervisor. | No □ |
| b | The research project applicant and the Research Supervisor are both affiliated with the same smallest organizational unit (e.g. same research lab) of a university, national or other national government-funded research and experiment institution. Or, the research project applicant and the Research Supervisor are affiliated with the same company. | No □ |
| c | The research project applicant and the Research Supervisor 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 Research Supervisor are working together on the same research project, are performing different parts of the same research project, or are co-authors of a research paper. If you have any questions, please contact JST.) | No □ |
| d | The research project applicant and the Research Supervisor were in a close teacher-student relationship for a total of more than 10 years (not necessarily continuous), or were in a direct employer-employee relationship. “Close teacher-student relationship” means cases in which the research project applicant and the Research Supervisor were affiliated with the same research lab, and cases in which the Research Supervisor, though affiliated with a different organization, essentially functioned as a research advisor for the research project applicant. | No □ |

\*When it is unclear whether any of the above conditions apply, please download and fill the Inquiry Form (http://senryaku.jst.go.jp/teian/en/koubo/h29youkou\_form-en.doc) and send it via email to rp-info@jst.go.jp.

Prior to electronic submission via e-Rad, please ensure that the proposal complies with the instructions in the format specified. Just before the deadline, e-Rad System would be slow due to heavy load. Please give yourself plenty of time to complete submission of proposal.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Items | Check point |  |
|  | Input of general information on the applicant to e-Rad | All necessary information is provided. | □ |
| Form 1 | Information on the applicant | All necessary information is provided.Information is matched with e-Rad data. | □ |
| Form 2 | Research Proposal Overview and Major Achievements of the Research Director | When converted to PDF format: Is Item 1 no more than two pages long? Is Item 2 within one page? | □ |
| Form 3 | Project Description | Form 3 must fit in 6 sheets | □ |
| Form 4 | Research Project Organization 1 | All necessary information is given (Particularly, Institution Code, Researcher ID No. and effort is provided). Is the Item "Research subjects and overview" within two pages? | □ |
| Form 5 | Research Project Organization 2 | All necessary information is given (Particularly, Institution Code, Researcher ID No. and effort are provided). Is the Item "Research subjects and overview" within two pages? | □ |
| Form 6 | Budget Plan | Total Sum is matched with the research budget given in Form 1. | □ |
| Form 7 | List of Achievements (Research Director) / Ex-Post Evaluation Results (Research Director) | List a maximum of 20 principal papers. | □ |
| Form 8 | List of Achievements (Lead Joint Researcher(s)) | Do not exceed 10 papers for each Lead Joint Researcher. | □ |
| Form 9 | Patent List (Research Director, Lead Joint Researcher(s)) | Form 9 must fit in 1 sheet or less. | □ |
| Form 10 | Information on Other Supports | All necessary information is given. | □ |
| Form 11 | Protection of Human Rights and Compliance with Laws and Regulations | Even when this is not applicable, please indicate that. | □ |
| Form 12 | References and Additional Statement | Form 12 must fit in 2 A4 sheets | □ |