

Chapter 3 PRESTO Program

3.1 PRESTO

3.1.1 PRESTO Overview

Key points and characteristics of PRESTO are discussed below.

a. PRESTO promotes goal-oriented basic research that is unique, challenging, and among the most advanced of its kind in the world, in order to accomplish objectives in Strategic Objectives designated by the national government. PRESTO promotes the pursuit of research through a network of individuals who, through the network, are working to produce world-class, groundbreaking results that will give rise to science and technology innovation.

b. A Research area are overseen by its Research Supervisor, who manages individual researchers and oversees the research area in a virtual research institute.

The Research Supervisor, in his/her role as director of a virtual research institute, enlists the cooperation of Research Area Advisors and others in managing his/her research areas through the following activities.

- Specification of a management direction for his/her research area
- Research project selection
- Refinement and approval of research plans (including research costs)
- Holding research area meetings at which Individual Researchers report on their research progress and have their results discussed, visiting labs where the research is being performed, and taking other opportunities as well to communicate with Individual Researchers and provide them with advice and guidance on their efforts.
- Research project evaluation
- Other activities necessary to support research activities in various ways

c. Individual Researchers, in pursuing the research initiatives they have proposed, and taking responsibility for implementing their own research projects, pursue research that will contribute to the overall purposes of the research area.

3.1.2 Program Scheme of PRESTOs

(1) Research Budgets

The budget for one research project basically ranges from 30 million yen to 40 million yen (for entire research periods up to three and a half years). In addition, JST, under contract research agreements, pays research institutions funds up to 30% of research budget (direct cost) to cover overhead cost (indirect cost).

※ Proposed research budgets are examined as part of the selection process. Actual research budgets are

determined through examination and approval of research project planning. For more details, please refer to “5.2 Common subject matters of After Selection: Proceeding with Research Work”.

(2) Research Period

The research period will be three and a half years or less, starting in October 2017 and ending in March 2021 (i.e. at end of FY2020) or earlier.

※ Actual research periods depend on research project plans. For more details, please refer to “5.2 Common subject matters of After Selection: Proceeding with Research Work ”.

(3) Research Organization

- a. The researcher will pursue his/her research as an individual (alone). (When necessary, however, a research assistant may be appointed and paid for out of the research budget.)
- b. JST conducts activities necessary for supporting research. Examples of the matters they may address include research labs and approaches, research-related public relations and outreach activities, and applications for patents.
- c. Decisions with regard to research labs will be made with consideration of research details and research environments, and will be based on consultations with the researcher and the research institution where research work will be performed. It is possible for research work to be performed outside of the research institute with which the researcher is affiliated.

3.1.3 Program Flow of PRESTO

(1) Solicitation and Selection of Proposals

JST solicits research proposals for individual research areas specified among the Strategic Objectives designated by the national government. Selection of proposals is made by the Research Supervisor, with the cooperation of Research Area Advisors and others, for individual research areas.

※ For more details, please refer to "3.2 Solicitation and Selection of Proposals”.

(2) Research Plan Preparation

Once a proposal has been selected, the researcher prepares an overall research plan covering the entire period of the research project. The researcher also prepares annual research plans for each year of the project. Research plans cover budgets and research approach.

※ For more details, please refer to "5.2.1 Preparing a Research Plan".

(3) Agreements

In advancing a research project, JST will enter into a contract research agreement with the research institution

where the researcher will pursue research work.

※ For more details, please refer to "5.2.2 Research Agreements".

(4) Research Work

Research work is to be performed in a three and a half year period or shorter duration that starts in October 2017 and ending in March 2021 (i.e. at the end of FY2020) or earlier.

(5) Evaluation

The Research Supervisor will familiarize himself/herself with the status and results of individual research projects and, with the cooperation of Research Area Advisors and others, produce post-completion evaluations immediately following the conclusion of research work. In addition to research project evaluations, research area evaluations are performed to examine research areas and the Research Supervisor.

※ For more details, please refer to "5.2.7 Project Evaluations" and "5.2.8 Research Area Evaluations".

3.2 Solicitation and Selection of Proposals

3.2.1 Eligible Research Proposals

- (1) Research proposals are solicited for the 14 research areas mentioned in the section, "1.2 Research Areas for which Research Proposals are Solicited" in Chapter 1.
- (2) Carefully read the "Research Area Outline" for each of the research areas mentioned in "Research Supervisor's Policy on Calls for Application, Selection and Management of the Research Area" of "Chapter 6 Research Areas calling for proposals" before proposing research appropriate for one of the research areas.
- (3) Be certain to confirm important common items described in "Error! The source of reference is not found."

3.2.2 Solicitation Period

Wednesday, April 12 to 12:00 pm. on Tuesday, May 30, 2017 (No exceptions).

For information on schedules for briefings, calls for proposals, etc., please refer to "1.3 Solicitation and Selection Schedule".

No proposal for which the application procedure has not been completed via e-Rad by the deadline is subject to examination for any reason.

3.2.3 Numbers of Research Projects

+The 2017 solicitation for research proposals is planned to select around 140 proposals for 14 research areas.

※ The number of proposals selected may vary depending upon budgetary and other factors.

o

3.2.4 Proposal Submission Requirements

Requirements for those submitting proposals are discussed below.

Please make sure that you understand these requirements for your submission.

- In principle, if the determination has been made that a submission will not fulfill the requirements by the time of selection, the research proposal will either not be accepted or selected.
- If a research proposal has been selected, the Research Project must maintain its qualified status per the submission requirements for the entire duration of the period of research. If the Research Project fails to meet the requirements during the research period, the Research Project will in principle be completely or partially suspended (i.e. be terminated early).

When submitting a proposal, please do so based on an understanding of the points below and “Chapter 8 Key Points in Submitting Proposals” and “Chapter 9 Limitations on the Overlap of Proposals within the Strategic Basic Research Programs”.

(1) Requirements for Research Project Applicants

- a. A research project applicant must be a person himself/herself who is going to be an Individual Researcher.
- b. A research project applicant must be a proposer of the subject research initiative and be the researcher who will independently perform research work in pursuit of the research initiative.
 - ✧ Researchers who, because of responsibilities as the head of a research lab, or for other such reasons, cannot devote themselves to the pursuit of proposed research may be excluded from consideration.
 - ✧ A researcher who can adequately undertake individual research in accordance with the purpose of PRESTO research qualifies as an applicant even if the researcher is affiliated with a laboratory of a business firm.
- c. Research project applicants must hold Japanese citizenship or be a foreign researcher who will pursue research work within Japan.
 - Researchers holding Japanese citizenship:

For proposals to perform research work at an overseas research institution, it must be possible for the subject research institution to enter into a research agreement with JST, and, when JST specifies expenditure guidelines, it must be possible to properly undertake expenditures in accordance with the specified expenditure guidelines. For more details, please refer to the next item (3) and the Q&A section at the end of this volume.

- Foreign researchers who will pursue research work within Japan:

Once selected, it will be necessary to perform the proposed research work at a domestic Japanese research institution and it must be possible to perform the proposed research work at a domestic Japanese research institution through the conclusion of PRESTO research. It will also be required that administrative tasks be handled in the Japanese language (or that the researcher's working environment allow for this.)

- Japanese researchers who will perform their research work at an overseas research institution and foreign researchers who will perform their research work at a domestic Japanese research institution needs to pay attention to the items below;

- Visas, visa renewals, visa changes, etc. should be arranged by each researcher. Failure of a researcher to properly meet visa requirements may result in the rejection of a research proposal or the suspension of his/her research project.

- In the event that an Individual Researcher is subject to the export restriction due to the Foreign Exchange and Foreign Trade Act, measures will be taken including the non-adoption of his/her research proposal and the cancellation of the research project etc.

- d. The researcher is a person who can take responsibility for his/her PRESTO research project throughout the entire research period overseeing it to its completion.

- ※ For more details, please refer to “5.2 Common subject matters of After Selection: Proceeding with Research Work ”.

- e. The applicant must either: Have already completed the educational program for research integrity at his/her affiliated research institution; or complete the JST-provided educational program by the application deadline.

- ※ For more details, please refer to “8.1 Enrolling in and Completing the Educational Program for Research Integrity”.

- f. The applicant must pledge following four items upon submission.

- Understand and comply with “Guidelines for Responding to Misconduct in Research Activities” (decided by the Minister of Education, Culture, Sports, Science and Technology on August 26, 2014).
- Understand and comply with “Guidelines on Management and Audit of the Public Research Expenses in Research Institutions (Implementation standards)” (decided by the Minister of Education, Culture, Sports, Science and Technology on February 15, 2007; revised February 18, 2014).
- If the research proposal is accepted, the Individual Researcher must not engage in misconduct in their research (fabrication, manipulation, and plagiarism) nor in inappropriate usage of research funds.

- The research project applicant must not have engaged in misconduct in the past to achieve the research results that are mentioned in the submitted research proposal.
- ※ The above verification will be part of the e-Rad Submission Information Entry screen.

(2) Requirements for Research Institutions Conducting PRESTO Research

- a. Research institutions conducting PRESTO research (research institutes with which the selected Individual Researchers are affiliated or the research institutes with which full-time JST researchers are affiliated) must fully recognize that the research funds are public funding, ensure compliance with related law, and make efforts to implement the research effectively upon implementation. Research institutes that cannot accomplish the tasks described in “5.2.6 Responsibilities of Research Institutions” will not be enjoined to implement research; thus, when applying, the prior consent of the research institute at which the implementation of research is planned shall definitively be obtained.

(3) Requirements for Performing Research Work at an Overseas Research Institution

a. Approval of the Research Supervisor (Form 7)

In the case that research is carried out at an overseas research institution etc., an approval of the Research Supervisor will be required regarding the items listed below. Those wishing to conduct the research overseas must complete Form 7 in the research proposal, stating the reasons why they wish to carry out the research overseas. In the case that approval of the Research Supervisor cannot be obtained measures will be taken including the non-adoption of the research proposal and the cancellation of the research project etc.

1. The necessity in realizing the research concept of the researchers
2. The necessity of using the overseas research institution in question

b. The research contract forms stipulated by JST

In principle, research institutes shall conclude research contracts with content proposed by JST. (Indirect costs are capped at 30% of direct costs.) Please refer to “5.2.6 Responsibilities of Research Institutions (2) For Overseas Institutions” for the detail of conclusion of research agreement.

3.3 Research Proposal (Form) Completion Requirements

A list of documents to submit is shown below.

Prepare research proposals by following the research proposal completion requirements beginning on the following page. Please use the Research Proposal Form of FY2017. Some research areas require to use their original proposal forms. Please use the proposal form of the research area for which you are planning to apply. Please refer to “Chapter 4. Research Supervisor’s Policy on Calls for Application, Selection and Management of the Research Area”.

Form No.	Document
1	Research Proposal
2	Research Proposal Overview and Major Achievements of the Research Project Applicant
3	Research Initiative
4	List of publications and patents
5	Other Support
6	Measures for Protecting Civil Rights and Complying with Laws and Regulations
7	Other Special Remark

- File sizes should not exceed 3MB in total.
- Please read “5.1.1 Conflicts of Interest involving Research Project Applicants and the Research Supervisor” or the (PRESTO -- Attachment) Pre-Submission Check Sheet “Relationships with the Research Supervisor.” If there is even one item for which a judgment cannot be made, download and fill the Inquiry Form below and send it to the Contact before submitting a research proposal.
Inquiry Form: http://senryaku.jst.go.jp/teian/en/koubo/H29youkou_form-en.doc
Contact: rp-info@jst.go.jp
- For more information on how to submit a research proposal, please refer to “Chapter 10 Recruiting via the Cross-ministerial R&D Management System (e-Rad)”.
- Prior to submitting a research proposal, please confirm understanding of “Chapter 8 Key Points in Submitting Proposals” and “Chapter 9 Limitations on the Overlap of Proposals within the Strategic Basic Research Programs”.

Proposal Preparation Checklist

(PRESTO – Attachment)

○ Please give yourself enough time to go complete this checklist.

Check		Reference Material	
Have you completed e-Rad researcher registration?		Chapter 10	<input type="checkbox"/>
Have you completed the educational program on research integrity?		Section 8.1	<input type="checkbox"/>
Conflict of interests with the Research Supervisor*		Section 5.1.1	
a	The research project applicant is a relative of the Research Supervisor.		No <input type="checkbox"/>
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 an other national government-funded research or experiment institution. Or, the research project applicant and the Research Supervisor are affiliated with the same company.		No <input type="checkbox"/>
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. (Existence of close cooperation will be judged by the facts that, 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 <input type="checkbox"/>
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 <input type="checkbox"/>

* 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

O Deadline for submission

Just before the deadline, e-Rad may suffer high system burden. As a result, the processing by the system may take a long time, and cause troubles, including the failure to complete the processing, may occur. Try to complete the application well before the deadline.

O Forms

Check the proposal documents for possible omissions before submission. A proposal application may not be accepted if relevant forms have been filled out incorrectly.

	Items	Check	
	Input of general information on the applicant to e-Rad	All necessary information is provided.	<input type="checkbox"/>
JustForm 1	Information on the applicant	All necessary information is provided. Information is matched with e-Rad data.	<input type="checkbox"/>
Form 2	Research Proposal Overview and Major Achievements of the Research Project Applicant	When converted to PDF format: Is Item 1 no more than two pages long? Is Item 2 within one page?	<input type="checkbox"/>
Form 3	Project Description	Form 3 must fit in 6 A4 sheets as a PDF file.	<input type="checkbox"/>
Form 4	List of Publications and Patents		<input type="checkbox"/>
Form 5	Information on Other Supports	All necessary information is provided.	<input type="checkbox"/>
Form 6	Protection of Human Rights and Compliance with Laws and Regulations	Even when this is not applicable, please indicate that.	<input type="checkbox"/>
Form 7	References and Additional Statement		<input type="checkbox"/>

(PRESTO-Form 1)

FY 2017 Application PRESTO Research Proposals

Research Area	
Title of proposed research project	
Name of the Individual Researcher	
Affiliated Institution, Section, Title	
Researcher ID No.	Enter the 8-digit “e-Rad (http://www.e-rad.go.jp/)” login ID which is provided by registering researcher information on the e-Rad system.
Academic Background	List the applicant’s undergraduate and graduate education as indicated below: Year: Undergraduate Institution, Major Degree, Supervisor Year: 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 of Individual Researcher	URL: Please indicate URL if there are any websites where the information of the Individual Researcher is available (such as a web page of his/her laboratory or researchmap webpage, etc.).
Research Budget	Total Budget: _____ million yen (Do not include indirect cost)
Affiliate Appointment	<input type="checkbox"/> Joint Appointment <input type="checkbox"/> Exclusive Appointment
Effort of this FY	_____ %
Place to Pursuit Research Work	<input type="checkbox"/> Present Affiliated Institution <input type="checkbox"/> Other (Place to Pursuit Research Work: _____)

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

Notes for preparing Form 1:

- Proposed Research Area

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

-Title

Correctly enter titles, such as Specially Appointed Associate Professor, Tenure-Track Assistant Professor, etc

- Researcher ID No.

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 Chapter10 in this guideline.

-Efforts in this fiscal year:

Describe the relative ratio (%) of time necessary to undertake the research, assuming that a 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 only for PRESTO. The sum of the ratio of efforts in PRESTO and the grant presently received must not exceed 100%.

- Place to Pursuit Research Work

Please check the place which you plan to pursue research.

Applicant who choose “Other” shall be asked when the proposal is selected. JST also accepts consultation prior to submission.

Please delete this page at the time of suggestion

(PRESTO-Form 2)

Research Proposal Overview and Major Achievements of the Research Project Applicant

1. Outline of Research Project

- Provide an overall description of the research proposal in less than two-page 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 briefly covers the material that is critical for documentation-based selection. It will be evaluated from the perspectives below:

a) 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”)?

b) Is it aligned with the goals of the PRESTO 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,” from PRESTO Form 3 (Project Description), and provide the minimum explanation (corresponding to Items 2 to 5 on 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 PRESTO 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

- On no more than one-page 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.

(1) List of principal research papers

- List up to five of the research project applicant's principal research papers selected from section 1 of PRESTO Form 4. (Provide the same information, and use the format, as shown in PRESTO Form 4 section 1.)
- Sequentially number each item with a number at the beginning of each title.

(2) List of principal invited lectures

- List up to five lectures the research project applicant was invited to give (if any).
- Sequentially number each item with a number at the beginning of each title.

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

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).

1. Target and Objectives

2. Background

Describe circumstances to propose the project, in relation to your research so far and so on.

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

Describe including the domestic and international research trends in the related research areas.

4. Research Plans and Approach

Describe the necessity of the research, preliminary knowledge or data, specific plans of the proposed research project and the way (including the purpose, the problem and the solution) toward achievement of the target.

5. Future Prospect of Research

Describe expected developments in science and technology, creation of science and technology innovation, creation of new industry, contribution to society, etc., which are likely realized in the future, by success of the proposed research project.

6. Explanation of Keywords

Describe the explanation of keywords which are thought to be necessary for reviewer to understand the contents of the research.

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

List of Publication and Patent

1. Principal research papers, books, and other publications

- List selected research papers, books, and other publications of the research project applicant, in reverse-chronological order, which are considered to be relevant to the proposed research project and published in recent years. Place an asterisk (*) at the beginning of the title of the papers / books of which the applicant is the first author.
- 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.

2. Research papers/publications other than the above

- In addition to the works provided in 1 above, list any relevant and recent achievements that helps understanding the proposed research project or that the represent research project applicant's research work. (Place an asterisk (*) at the beginning of title of the papers / books of which the applicant is the first author (if any)).
- 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. Major Patent

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

Information on Other Supports

List grants from the government competitive research funds (including CREST, PRESTO and ACT-I) and any other research subsidies (including private foundations and overseas institutions) that the applicant is currently receiving, applying for, or planning to apply for by program name, indicating the title of project, research period, roles, amount of annual budget, and effort. Refer also to Section 8.3, "Measures against Unreasonable Duplication and Excessive Concentration".

(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 portion of the selection process, you may be asked to provide information on applications, plans, etc. submitted to other programs.

(Example)

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 2017 (planned) (3) FY 2016	Effort (%) ⁵⁾
PRESTO	Submitted					80
Grants-in-Aid for Scientific Research, Fundamental research (C)	Awarded	XXXXXXXXX (XXX)	2015.4 - 2018.3	PI	(1) (2) (3)	10

-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)."

-Efforts: Describe the distribution ratio (%) of time necessary to undertake the research, assuming that a 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 only for PRESTO. The sum of the ratio of efforts in PRESTO and the grant presently received must not exceed 100%.

-Add rows if needed.

(PRESTO-Form 6)

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.

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**

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- If you hope for the research in foreign countries, please refer to “3.2.4 Proposal Submission Requirements” and describe reasons and necessities.

Other than stated above, state the reason(s) why you have applied for PRESTO, any requests concerning your research, scheduled or planned changes in your professional position, or any concerns that you might have.

3.4 Guidelines for filling in information for intended interviewees

We will inform those who have been selected for interviews to prepare the documents and inform them of the submission deadline.

Once you are notified, please prepare the documents based on the “Guidelines for Filling-in Information for Intended Interviewees” described in the following pages.

* Please note that the “Guidelines for Filling-in Information for Intended Interviewees” described in the following pages are only examples and that formats may differ by research area.

Screening Interviews and Supplementary Explanation Materials
1. Location of Research Work
2. Participation Type
3. Informal consent from the personnel division and/or contract division of your institution of affiliation regarding your intent to submit the research project proposal
4. Informal consent from your superior about your intent to submit the research project proposal
5. Research Budget Plan for the Total Research Period
6. Location of Research Work
7. Outline of Research Proposal
8. Other Concerns
9. Existence of Other Support or Grants
Check list

PRESTO (Precursory Research for Embryonic Science and Technology)
Screening Interviews and Supplementary Explanation Materials for FY 2017 (Example)

Name of Research Proposal Applicant:	Present Affiliation, Department, Title:			Research Project ID:
○○ ○○	○○ University	Graduate School of ○○	○○	00000000
Research Project Title:	○○○○○○○○			

1. [If you are to change the location of your research work from your location at present]

Location of Research Work: Department of ○○○○, Graduate School of ○○○○, ○○○○ University

2. Participation Type: Joint or Exclusive Appointment

Joint appointment: The researcher will participate based on a concurrent appointment at JST and at a university, national or public testing or research institution, national research and development agency, foundation, company, etc.

Exclusive appointment: The researcher is not affiliated with a research institution, company, etc. or will need to resign their existing appointment for certain reasons of the organization they currently belong to and will participate as a researcher employed by JST.

3. Have you obtained informal consent from the personnel division and/or contract division of your institution of affiliation regarding your intent to submit the research project proposal? YES/NO

[In the case of exclusive appointments] Have you engaged in consultation regarding the format of your participation?

[In the case that the research work is to be pursued at a company] Have you engaged in consultation regarding the format of your participation, effort, activity, research environment, etc. with relevant divisions (such as the division you belong to, the personnel division, etc.)?

4. Have you obtained informal consent from your superior about your intent to submit the research project proposal? YES/NO

5. Research Cost Plan for the Total Research Period

(1) Budget Plan for the Total Period

Item	Initial Year (Oct. 2017–Mar. 2018)	2 nd Year (Apr. 2018–Mar. 2019)	3 rd Year (Apr. 2019–Mar. 2020)	4 th Year (Apr. 2020–Mar. 2021)	Total (in units of 1,000 yen)
thCommodities					
Travel Expenses					
Personnel Expenses (including Research Assistant					

Fees)					
Other Expenses					
Total					

(2) Regarding research facilities and equipment

Please actively consider sharing research facilities and equipment, etc., at your institution of affiliation based on “Sharing of Research Facilities and Equipment at Individual Research Organizations” (popularly referred to as the “Facilities and Equipment Sharing System”), which was put in effect by the Fundamental Committee of Leading-Edge Research of the Council for Science and Technology in its November 2015 guideline, “Introducing the Sharing System for New Research Facilities and Equipment through the Integration of Research Organization Management.” In particular, highly versatile large-scale research facilities and equipment at universities and national research organizations will be considered to be treated as a “Facilities and Equipment Sharing System” at your research organization.

Therefore, please make sure of the following:

- i) The research project applicant shall confirm that the following research facilities and equipment do not overlap at their research organization of affiliation (faculty, major, research laboratory, center, etc.).
- ii) Before starting the research (concluding contract research agreements), regarding the purchasing plan described under item (b) below, related to the research project applicant and who is an affiliates of universities and/or national research organizations, etc., it will be necessary to obtain prior confirmation in writing from the person in charge of the Facilities and Equipment Sharing System regarding the validity from the viewpoint of sharing facilities and equipment with respect to each affiliation. If the “Facilities and Equipment Sharing System” is not introduced, prior confirmation in writing will be necessary from person in charge of contract research agreements. Please be aware of this beforehand.

<input type="checkbox"/> Confirmed Regarding i) <input type="checkbox"/> Acknowledged Regarding ii) * Please check the box to indicate approval.
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(Note) If you belong to an organization that has not introduced the “Facilities and Equipment Sharing System,” contact the division in charge of research strategy or facilities in the administrative headquarters of university research organizations and request to introduce the “Facilities and Equipment Sharing System.” Please refer to notes in Chapter 3, Section 3.10 (1).

•List of major equipment (costing more than 2 million yen per item) that needs to be newly purchased

Name of Device	Estimated Cost (in units of 1 million yen)	Purchasing Period (e.g., Dec 2017)

•Equipment or Facility Already Used and Available for Continuing Future Use

Name of Device	Remarks

(3) Number of research assistants to be employed:

- ※ Research Assistants are those who do supplementary work on PRESTO projects such as by collecting and organizing research data, taking care of experiment animals and plants, cleaning laboratory ware, etc.
- ※ You cannot hire researchers or technicians/engineers.
- ※ You cannot hire secretarial assistants.

(4) If any other major costs should occur, please write the contents.

6. Location of Research Work

(1) If you need to organize a new space besides the present research laboratory, clearly indicate so.

(2) [In the event that you request research work to be pursued overseas (exceptional measure)]

State the reason why it must be done overseas.

7. Outline of Research Proposal

Describe the outline of the research proposal in simple language. When selected, it will be used as reference material for press releases.

8. Other Concerns

If you have any concerns regarding the questions above or the time of selection, please mention so here.

9. Existence of Other Support or Grants

(1) Efforts towards Research Proposals for PRESTO. xx%

(2) Information on Other Support

• Regarding any government competitive funding or other research grants that the research proposal applicant is presently receiving, has applied for, or is planning to apply for, the research project title, the research cost, the research duration, and their role (research representative or partial joint researcher, etc.) should be clearly stated below for each fund. If the contents are found to be false, there may be cases where acceptance may be cancelled at a later date.

• Due to selection results being announced, if there will be any changes to the contents of the research proposal already submitted, please notify them.

Name of Funding <small>1)</small>	Recipient Status <small>2)</small>	Research Project Title (Research Representative's Name)	Research Cost (in units of 1,000 yen) <small>3)</small> (1) For FY 2017 (2) For FY 2018 (3) For Entire Period	Research Duration (Example: From Apr. 2016 to Mar. 2019)	Role <small>4)</small>	Effort (%) <small>5)</small>
		(○○ ○○)	(1) (2) (3)			
(Target, Research Subject, Experimental Method, etc., Difference from PRESTO Proposal, Relevance)						
		(○○ ○○)	(1) (2) (3)			
(Target, Research Subject, Experimental Method, etc., Difference from PRESTO Proposal, Relevance)						
		(○○ ○○)	(1) (2) (3)			
(Target, Research Subject, Experimental Method, etc., Difference from PRESTO Proposal, Relevance)						
		(○○ ○○)	(1) (2) (3)			
notify (Target, Research Subject, Experimental Method, etc., Difference from PRESTO Proposal, Relevance)						
Notify		(○○ ○○)	(1) (2) (3)			
(Target, Research Subject, Experimental Method, etc., Difference from PRESTO Proposal, Relevance)						
		Re	FY 2017	(1)	Total of Efforts including	

	cei ve d	FY 2018 Total Entire Period	(2) (3)
	A pp lie d	FY 2017 FY 2018 Total Entire Period	(1) (2) (3)

PRESTO

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(Footnotes on answering)

1) Name of Funding

Please list from the highest amount of research funding received by the research proposal representative (for total duration) to present funding received or already earmarked.

2) Recipient Status

Write “Receiving” if you are presently receiving funding or funding is earmarked. If you have already applied or are applying for, write “Applying.”

3) Research Budget (in units of 1,000 yen)

Write the amount that the research proposal representative themselves receives (direct cost).

4) Role

Write “Representative” or “Partial Responsibility,” etc.

5) “Effort”

This is based on the Council of Science and Technology Policy’s definition of “effort”: “the percentage of working hours required for conducting the relevant research when the researcher’s total annual working hours are 100%.” Note that “total working hours” refers not only to the number of hours spent in research activities but also to overall substantial working hours, including educational and medical activities.

Do not include in “efforts” time spent for funding in the state of “having applied” or “planning to apply,” but indicate only “efforts” for funding presently received, assuming that you have been selected for only PRESTO. Be careful not to exceed 100 % for the total of “efforts” for PRESTO and the funding presently received. However, if you spend effort on projects you are partially involved even though you do not receive any monetary compensation, please indicate this.

* If there is not enough space, add a line by clicking the + mark on the left. If that is not sufficient, please add more lines as necessary.

Checklist

Please answer the following items freely or answer YES/NO and describe in detail.

1. <In the case of exclusive appointments>

1) Reason and necessity in regard to why you will conduct the PRESTO project under an exclusive appointment

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2) Have you notified your research affiliation of your plan to implement the PRESTO project as an exclusive researcher and received consent?

	YES/NO (Describe in detail)
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3) Regarding the participation format in the PRESTO project, have you consulted with the receiving organization?

What kind of participation are you planning?

	YES/NO (Describe in detail)
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4) Are there any plans for personnel transfers during the PRESTO project period?

(Describe in detail)

2. <In the event you are requesting to perform research work at an overseas research institution>

1) Have you received the consent of the person in charge at the relevant division of the desired research institution about your intention of conducting the research there in the participating format of your desire?

Received consent: YES/NO	From whom:
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2)

If an applicant were interested to undertake research overseas, we will confirm that the relevant overseas research organization satisfies the requirements, mainly from contractual viewpoints. (If the requirements are not met, no contract will be concluded, in principle). Confirm the requirements indicated in the table below to give the relevant overseas research organization adequate explanations, and obtain an agreement in advance.

Contractual requirements that must be confirmed beforehand	Application requirements	Contract template (*1) DRAFT version	Check box
In principle, the overseas research institution can enter into agreements in forms specified by JST.	5.2.6(2)a	All Articles (including APPENDIX)	Agree <input type="checkbox"/>
The overseas research institution is required to transfer, free of charge, intellectual property rights to JST. (Article 19 of the Industrial Technology Enhancement Act (Japanese version of the Bayh–Dole Act) does not apply to overseas research institutions).	5.2.6(2)c	Article 9.1	Agree <input type="checkbox"/>
Payments to the overseas research institution for overhead costs (indirect costs) are not to exceed 30% of the research budget.	5.2.6 (2)a	Article 5.3	Agree <input type="checkbox"/>
The overseas institution must be able to properly execute the budget according to JST's budget execution policy if such a policy has been specified by JST.	5.2.6 (2)b	Articles 4–6, APPENDIX 5	Agree <input type="checkbox"/>

The overseas institution must be able to submit to JST a detailed statement of research expenses prepared in English.	5.2.6 (2)b	Articles 6.2.1, APPENDIX	Agree <input type="checkbox"/>
Report to JST swiftly (within 10 workdays) when an invention qualified for intellectual property right is achieved.	5.2.6 (2)c	Articles 9.2, APPENDIX6	Agree <input type="checkbox"/>

3) Have you received approval from the person in charge at the relevant division of the receiving organization about the conditions for collaborative research agreement (details in “Call for Research Proposals”) and contract model?

Received consent: YES/NO	If YES, please write the name of the division and the name of the person in charge. If NO, please write the reason and prospects for when you expect to get approval.
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- Call for proposals: <http://senryaku.jst.go.jp/teian/koubo/h29youkou.pdf>
- Call for proposals (English): http://www.senryaku.jst.go.jp/teian/en/koubo/h29youkou_en.pdf
- Research contract model for overseas institutions: <http://www.jst.go.jp/kisoken/presto/en/2017presto/index.html>

4) Can you obtain resident status during the PRESTO project term and do you have that prospect?

	(e.g., you presently have resident status for xxxxxxxxxxxx, and have prospects to obtain yyyyyyyy status. If accepted, continued research at the institution is possible without difficulty.)
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5) Do you have any plans or intentions to transfer to other affiliations?

	(Inscribe specifically: Name of institution or country, region of transfer)
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3. <In the event you desire to pursue the research project at a private enterprise>

1) Reason and necessity in regard to pursuing the PRESTO research project at a private enterprise

(Clearly specify)

2) Have you notified the private enterprise of your intention to pursue the PRESTO research project there and obtained their approval? Do you have prospects to secure efforts, activity contents, and research environment?

	(Clearly specify how you intend to secure these.)
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3) Have you consulted with the accepting organization about your desired participating format for the PRESTO project? What type of participating format are you intending?

	(Clearly specify)
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4) Do you have plans to transfer elsewhere or retire during the PRESTO project duration?

	(Clearly specify)
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4. <If you have foreign nationality>

1) When selected, will you be conducting research in a research organization in Japan and can you continue to research in Japan until the end of the PRESTO research project duration?

	(Name of research institution and post)
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Is the researcher himself able to handle administrative procedures in Japanese?

	(If NO, please answer 3)
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Do you have an environment around you where you can get support to solve Japanese-language problems?

	(Clearly specify)
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