

**Purpose of the Research**

The applicant should indicate the general idea of the research and the specific purpose of the research clearly and specifically with the literature referred to as needed. The following points should be highlighted. [Refer to the rules concerning the screening and assessment for Grants-in-Aid for Scientific Research. (cf. Application Procedures for Grants-in-Aid for Scientific Research)]

- 1) What will be elucidated and to what extent will it be pursued during the research period
- 2) Scientific characteristics, originality and expected results and significance of the research in the area
- 3) Positioning of the research (project) in the related domestic and overseas research
- 4) Differences from the present research project if any research funding other than KAKENHI is continuously received for another continued research project in FY2017 (research funding by any ministry/office, local public organization, research funding corporation, private corporation and other funding)

**Progress of Research until FY2016** Indicate the state of progress of the research and the new findings.

**Self-Evaluation of the Research until FY2016**

In this section the applicant should describe the degree of attainment of the originally planned purposes of the research, the research plan and methods, with a focus on the following points.

1. Problematic points that arose during the implementation of the research.
2. For research projects that received a research progress assessment (a field survey or a hearing) in FY2016, a statement of the assessment results (or comments) of the research progress assessment and the way how to deal with these, and other matters.

**Research Plan and Methods after FY2017**

Describe the research plan and methods after FY2017 in a clear and specific manner. The plan should be divided into one for FY2017 and one for FY2018 on. The literature should be referred to as needed and the plan and methods should indicate results through a discussion from multiple aspects, such as the action in the event that the research does not progress as originally planned. The following points should be highlighted.

Where the research plan is being implemented by more than one project member, indicate the specific roles of the Principal Investigator and the Co-Investigator(s) (*kenkyū-buntansha*) (using figures, tables and other visual aids). In case the research plan is being implemented together with Co-Investigators (*kenkyu-buntansha*), include the necessity and rationality and the relationship to the purpose of the research from the scientific viewpoint.

Moreover, in order to clarify the general view of the project members, state the roles of the Co-Investigator(s) (*renkei-kenkyūsha*) and Research Collaborators [e.g., overseas co-researchers, company-employed researchers not eligible for application for KAKENHI other persons offering research support, such as technical experts and intellectual property specialists, and graduate students (names and number of members may be stated)] as needed.

Furthermore, the applicant should describe the methods and other ways to disseminate the research results of the current research project to society and citizens.

Moreover, if the research environment changes significantly halfway through the research period, due to personnel changes, retirements, etc., the applicant should also describe the way how the location of the implementation of the research is secured, research implementation methods, etc.

**Changes from the Initial Plan**

In this section the applicant should describe within 2 pages the changes in the content of the research that is mentioned in the previous proposal for grant-in-aid (a change in the research purpose or a change in the title of the proposed project, a change in the annual plan of the budget that is planned to be provided from FY2017 on, an increase or a reduction of the budget or a shortening of the research period, and other changes) on the level of the research plan and methods, equipment and the main budget for the proposed project, etc., and the reasons for these changes.

**Protection of Human Rights and Compliance with Laws and Regulations (cf. Application Procedures for Grants-in-Aid for Scientific Research)**

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, research requiring consideration for the handling of personal information and research requiring efforts regarding bioethics and safety measures when implementing the research plan). 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 and interview surveys in which personal information is involved, 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.

**Publication of Research Achievements**

As for his/her research achievements, the applicant should describe the research papers/articles he or she published in academic journals (author, title of the paper/article, name of the journal, refereed or not, volume number, the first and last page numbers, year of publication), and the state of important lectures/talks and other matters at conferences and suchlike, and the state of dissemination to society and citizens. Moreover, in order to clarify which author participates in the current research project, he or she should mark the Principal Investigator with a double underline, and the Co-Investigator(s) (*kenkyū-buntansha*) and the Co-Investigator(s) (*renkei-kenkyūsha*) with a single underline. He or she should put an asterisk (\*) at the head of each corresponding author.

## Rationality and Justification of the Research Costs

In this section, the applicant should fill in the budget for each item of expense, based on the scale and the organization of the research and other matters mentioned in the section "Research Plan and Methods after FY2017" in Continued-4, and should then describe the rationality, justification and grounds for the total amount. A deliberation on the optimum scale and budget of the research will be conducted in the screening panel. Therefore, the applicant should specifically enter important items and expensive items (for example, in the case of expensive equipment, reasons why its performance is necessary for the research and the reasons why the currently used equipment cannot be used, in the case of expensive consumables, the way how the money is actually used and the adequacy of the quantity and price, in the case of personnel expenditure and remuneration, the adequacy of the staff and costs, etc.).

Moreover, in case of research plans where in any of the fiscal years any of the costs like "equipment", "travel expenses" or "personnel expenditure and remuneration" exceeds 90%, or in the case of research plans with a budget in which expense items under "Miscellaneous" account for a particularly large percentage of the budget in any single fiscal year, the applicant should provide a justification for the cost (for example by providing a breakdown).

### Statement of Costs for Equipment

If the applicant is purchasing many books and materials, he or she should enter details, such as "books relating to politics during the Middle Ages in the West", in such wording that the contents of the books and materials becomes clear. For machines and tools, not only the type but also the breakdown of each set should be stated. If the applicant needs equipment in the last fiscal year, he or she should also fill in the reason in the section for the last fiscal year. In the section "Fixed Price / Estimation", the applicant should fill in concisely the fixed price or the estimated price, in a way that clarifies the ground for the amount, such as for example by mentioning the percentage proportion of the fixed price to the estimation. Moreover, in order to facilitate deliberations on the rationality of the research funding, the applicant should fill in the estimated price, except in those cases where it is unavoidable not to do so.

(Unit: Thousands of yen)

Year and Month when Purchase is Planned	Preferred Order of Purchase	Item and Specifications	Qty	Unit Price	Amount (¥)	Fixed Price / Estimation	Researcher as the main user and institution where the items will be used
FY2017 Month: _____							
Total							
Rationality, Justification and Other Matters							
FY2018 Month: _____							
Total							
Rationality, Justification and Other Matters							



Year and Month when Purchase is Planned	Preferred Order of Purchase	Item and Specifications	Qty	Unit Price	Amount (¥)	Fixed Price / Estimation	Researcher as the main user and institution where the items will be used
FY2019 Month: _____							
Total							
Rationality, Justification and Other Matters							
FY2020 Month: _____							
Total							
Rationality, Justification and Other Matters							

**Statement of Costs for Consumables and Other Items**

See the procedures for preparing and entering the proposal for grant-in-aid for Specially Promoted Research.

(Unit: Thousands of yen)

Fiscal Year	Consumables		Travel Expenses		Personnel Expenditure and Remuneration		Miscellaneous	
	Item	Amount	Item	Amount	Item	Amount	Item	Amount
FY2017			(Domestic)					
			(Overseas)					
	Total							
Rationality, Justification and Other Matters								
FY2018			(Domestic)					
			(Overseas)					
	Total							
Rationality, Justification and Other Matters								

Fiscal Year	Consumables		Travel Expenses		Personnel Expenditure and Remuneration		Miscellaneous	
	Item	Amount	Item	Amount	Item	Amount	Item	Amount
FY2019			(Domestic)					
			(Overseas)					
	Total							
Rationality, Justification and Other Matters								
FY2020			(Domestic)					
			(Overseas)					
	Total							
Rationality, Justification and Other Matters								