**(Team Project) Application Form for 2017 Korea Research Fellowship**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Ministerial program title (Level 1) | | | | | 국제연구인력교류사업 | | | | | | Security level (classified, general) | | | | | | General |
| Ministerial program title (Level 2) | | | | | Korea Research Fellowship(KRF) program | | | | | | Disclosure (open, closed) | | | | | | Open |
| ① Program title (Level 3) | | | | | Korea Research Fellowship(KRF) program | | | | | | **Type** | | | **Team Project** | | | |
| ② Standard area in science and technology | | | | | Area 1 (Hierarchy code/classification) | | | | Area 2 (Hierarchy code/classification) | | | | | | Area 3 (Hierarchy code/classification) | | |
| *EE0503/satellite navigation* | | | | *ED1113/navigation* | | | | | | *ND1408/space geodesy* | | |
| ③ Classification (RB area) | | | | | | *(CRB area)* Please refer to the guideline in the following page | | | | *(RB area 1) mandatory* | | | | | | *(RB area 2)* | |
| ④ New growth engine(if applicable) | | | | | | *①5 G mobile communication* | | | | | | *② Big Data* | | | | | |
| ⑤ 10 major science technology field | | | | | | *①Electronic information communication* | | | | | |  | | | | | |
| ⑥ Project title | | | Korean | | |  | | | | | | | | | | | |
| English | | | Please refer to the guideline in the following page | | | | | | | | | | | |
| ⑦ Host institution | | | | | |  | | | | | | | | | | | |
| ⑧Host researcher (Principal Investigator) | | | Name | | |  | | | | | Position (Rank) | | |  | | | |
| Department | | |  | | | | | Major | | |  | | | |
| ⑨ Overseas post-doc researcher 1 | | Type of KRF Candidate  TYPE\_\_\_\_ | Name  (Date of Birth) | | | *Michael D. A....*  *(May 5, 1980)* | | | | | Nationality(Gender) | | | *U.S.A(Male/Female)* | | | |
| Degree-granting institution | | | *University of .....* | | | | | Year of degree (country) | | | *May 2013 (U.S.A)* | | | |
| Country of current residence | | | *Canada*  *(Has to match the country of your current affiliate* | | | | | Affiliation (department) | | | *University of .....*  *(Dep. of Geomatics)* | | | |
| ⑩ Overseas post-doc researcher 2 | | Type of KRF Candidate  TYPE\_\_\_\_\_ | Name  (Date of Birth) | | | *Michael D. A....*  *(May 5, 1980)* | | | | | Nationality(Gender) | | | *U.S.A(Male/Female)* | | | |
| Degree-granting institution | | | *University of .....* | | | | | Year of degree (country) | | | *May 2013 (U.S.A)* | | | |
| Country of current residence | | | *Canada*  *(Has to match the country of your current affiliate* | | | | | Affiliation (department) | | | *University of .....*  *(Dep. of Geomatics)* | | | |
| ⑪ Details of R&D costs \*Unit: Thousand Korean won | | | | | | | | | | | | | | | | | |
| Year | KRF program | | | | | | | | | | | | | | | | |
| Personnel costs (A) | | | Living expenses  (B) | | | Other expenses  (C) | Grants for inviting institution (D) | | | | | Total  (A+B+C+D) | | | | |
| Year 1 |  | | |  | | |  |  | | | | |  | | | | |
| Year 2 |  | | |  | | |  |  | | | | |  | | | | |
| Year 3 |  | | |  | | |  |  | | | | |  | | | | |
| Year 4 |  | | |  | | |  |  | | | | |  | | | | |
| Year 5 |  | | |  | | |  |  | | | | |  | | | | |
| Total |  | | |  | | |  |  | | | | |  | | | | |
| ⑫ Total period of research | | | | | | 2017. 7. 1 - 2021. 12. 31 **(\_\_\_ months)** | | | | | | | | | | | |
| ⑬ Period of research in the year of 2017 | | | | | | 2017. 7. 1 - 2017. 12. 31 **(\_\_\_ months)** | | | | | | | | | | | |
| I hereby submit the research plan with the intent to sincerely conduct this R&D project in compliance with all relevant regulations and directions.  MM/DD/YYYY  Host Researcher: (Signature)  Head of Host Institution: (Seal)  Addressee: President of the National Research Foundation of Korea | | | | | | | | | | | | | | | | | |

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| --- | --- | --- |
| Guidelines |  |  |
| ② Search and enter the relevant code for standard areas in science and technology (National S&T Standard Areas (Research Areas))   |  |  | | --- | --- | | Search codes at ernd.nrf.re.kr | Enter hierarchy code/classification | | 그림입니다. 원본 그림의 이름: CLP00001e8411ca.bmp 원본 그림의 크기: 가로 576pixel, 세로 350pixel | 그림입니다. 원본 그림의 이름: CLP00001e840001.bmp 원본 그림의 크기: 가로 976pixel, 세로 336pixel |   - Example:   |  |  |  | | --- | --- | --- | | Area 1 (Hierarchy code/classification) | Area 2 (Hierarchy code/classification) | Area 3 (Hierarchy code/classification) | | *EE0503/satellite navigation* | *ED1113/navigation* | *ND1408/space geodesy* |   ③ RB areas: RB areas by discipline in Appendix   |  |  |  | | --- | --- | --- | | *CRB area* | RB area 1 | RB area 2 | | *Mathematics* | *Applied statistics* | *Applied mathematics* |   \* Please state the name of CRB department (engineering, natural science, life science, medical science, ICT/convergent areas, etc.) and the specific area under CRB (mathematics, Construction and Transportation, etc.)  \* Please state RB areas under the CRB area categories  \* (Remark) Selection evaluation panel will be classified depending on the CRB, RB, and will be evaluated relatively with other projects within the same panel.  ④ New growth engine areas   |  | | --- | | \* (9 strategic industries) ① 5G mobile telecommunications ② smart automobiles ③ deep-sea marine plants ④ customized wellness care ⑤ wearable smart devices ⑥ intelligent robots ⑦ smart systems for disaster management ⑧ realistic content ⑨ new renewable energy hybrid system  \* (4 infrastructure industries) ① intelligent semiconductor ② Big data ③ convergent materials ④ intelligent Internet of Things (IoT) |   ⑤10 Categories for Science and Technology or (If not applicable ) state as “other area”   * Please choose one of the category from below:  |  | | --- | | ① Electronic Information and Communication Technology ② Health Care ③ Biology  ④ Material mechanical process ⑤ Energy resource high technology ⑥ Aerospace ⑦ Earth and Marine Environment ⑧ Nano Materials ⑨ Construction and Transportation ⑩ Disaster prevention |   \* Others: Areas lacking Korean professional human resources, convergent areas, etc.  *→ Please state the name of the applicable area (major)*  ⑥ Project name: Describe the project name that can represent this program, both in Korean and English  → Make a synergistic title which reflects the research together of 2 KRF candidates.  → Please note that the project will not be considered for evaluation in the case where host researcher uses the same project title with a current ongoing project. So the project title needs to be specific in detail and focusing on the specific aims of research in order to utilize Overseas post-doc researcher.  ⑧ Host researcher(KRF Applicant): Provide personal information of a person responsible for research(Principal Investigator(PI) in Korea who will serve as a host.  ⑨∼⑩ Overseas post-doc researcher(KRF Candidate): Provide personal information of the post-doc researcher who will participate in the project  *->Type 1 : KRF candidates who are currently residing overseas and belong to overseas affiliate, and are planning to enter into Korea for research after selected as a KRF fellow*  *->Type 2:KRF candidates who belong to a Korean affiliate residing in Korea should apply under*  ⑪ R&D costs <KRF Funding for Team Project>   |  | | --- | | ㆍ Type1 (1 Fellow) + Type 1 (1 Fellow): around 140 (70+70) Million Korean Won | | ㆍ Type1 (1 Fellow) + Type 2 (1 Fellow): 110 (70+40) Million Korean Won | | ㆍ Type 2 (1 Fellow) + Type 2 (1 Fellow): 80 (40+40) Million Korean Won |   ※ Refer to the KRF guideline for further details. | | |

※ Unexpected systematic problems may occur if a number of project submissions are concentrated around the deadline for submission. We advise to you to ensure sufficient time to upload your application and relevant references on the ERND system before deadline.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Summary (Korean) | | | | |
|  | | | | Form A201 |
| Purpose  (around 500 characters) | ※ Research goals to be pursued through this project | | | |
| Research content and methods  (around 1,000 characters) | ※ Specific details and methods to achieve research goals | | | |
| Competency  (Candidate,  host researcher, host institution) | ※ Summary of research career and competence of the Host researcher(PI, KRF Applicant) and overseas post-doc researcher(KRF candidate) who will participate in this project | | | |
| Expected Contribution  (around 500 characters)  (including applied areas and scope of utilization) |  | | | |
| Keywords | ( ) |  |  | |
| ( ) |  |  | |
| ( ) |  |  | |

Note) The number of characters includes blanks. No image, numerical formula, or table may be inserted, and only

em symbols are allowed for special characters or symbols. (The length must not exceed one page.)

Note) Content regarding research purpose, content, expected contribution, and keywords (only the first three lines) are all mandatory items.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Summary (English) | | | | |
|  | | | | 양식A202 |
| Purpose |  | | | |
| Contents |  | | | |
| Competence  (Candidate,  host researcher, host institution) |  | | | |
| Expected  Contribution |  | | | |
| Keywords |  |  |  | |
|  |  |  | |
|  |  |  | |

Note) The number of characters includes blanks. No image, numerical formula, or table may be inserted, and only

em symbols are allowed for special characters or symbols. (The length must not exceed one page.)

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| **I. Research Plans and Necessity for Support** |

**Please refer to the guidelines for each section and state in details within 10 pages of Chapter I**

**1. Research Purposes and Plans**

**① Purposes**

※ What is the final goal anticipated through this fellowship (Describe in detail; at least one page)

※ Please state in detail regarding the research proposals and the purpose of hosting overseas postdoc researcher (if challenging or difficult to accomplish with domestic researchers)

**② Annual research goals and plans (for the next five years)**

※ What are the specific annual research goals, and what is the plan for achieving them? (the following items must be included; at least five pages)

* Specific research plans, such as plans for project implementation and specific program organization
* Scale of necessary research grants and measures to secure them; necessary equipment and research space; organization of researchers; plans for cooperation with Korean and overseas research teams

**③ Expected contribution and plans for research utilization**

※ What are the expected contributions from this research, and plans for utilizing the research outcomes. ※ If applicable, please state any plan for the small and medium sized business technology support by utilizing the ability of overseas postdoc researcher

**④ Networking and synergistic interactions between fellows**

※ What are the expectations for networking between KRF fellows (In details)?

※ What are the expected synergistic interactions between fellows(in regards to research field and competency)?

**2. Necessity for Support & Safety Management Measures**

**① Current status of related areas**

※ Explain the technological level of the relevant area in South Korea, the current status of workforce, industry, and future prospects. (Describe in detail; at least one page)

* Possibly include the current status of policy for the relevant area, and statistics regarding human resources (together with grounds for citation)

**② Necessity for the government’s budgetary support and for attracting and utilizing overseas human resources**

※ Is it necessary for the Korean government to support this research project through the KRF program

※ Is it necessary to host 2 overseas postdoc researchers considering the research goal of the KRF Project?

※ Why is it necessary to host overseas postdoc researchers? (Describe from the perspective of the country, related areas, and institution)

**③ Analyze technical risk of the research & safety management measures**

|  |
| --- |
| ☞ Please state the plan for safety measures while working with an overseas postdoc researcher for any technical risk and possible issue of information leak while conducting the research (safety issue, security of data, etc.)  (The safety measures can be providing safety education to the researchers, analyzing the amount of managing lab safety, equipping the required safety facilities etc.) |

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| **II. Overseas Post-doc Researcher(KRF Candidate) -1** |

※ This Chapter II shall be written by the KRF candidate (either in Korean or English)

Please refer to the guidelines for each section and state in details within 10 pages of Chapter II.

**1. General Information of Overseas Post-doc Researcher**

① Personal information

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Name (English) |  | | Date of birth | *1980.5.31* |
| Contact (mobile) |  | | E-mail |  |
| Language proficiency  \* check where applicable | Korean | Fluent( ) Intermediate( ) Elementary( ) None( ) | Nationality |  |
| English | Fluent( ) Intermediate( ) Elementary( ) None( ) |
| Country of residence |  |
| Other | Fluent( ) Intermediate( ) Elementary( ) None( ) |
| Current residence  (workplace) | Address | *0566 Sanford Ave, Flushing, .... , U.S.A* | | Telephone | (718) 961-0000 |
| Home | Address | *30566 Sanford Ave, Flushing, .... , U.S.A* | | Telephone | (718) 961-0000 |

※KRF candidates for Type 1: his/her current physical address and affiliation should be overseas.

② Education (from the latest degree)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year | | | Academic background | | |
| From |  | To | University | Major | Professor |
| PH.D. | YYYY.MM | YYYY.MM |  |  |  |
| Master | YYYY.MM | YYYY.MM |  |  |  |
| Bachelor | YYYY.MM | YYYY.MM |  |  |  |
| Thesis title for the latest degree | | |  | | |

※ Please state your period of Doctoral degree based on your physical diploma (provisional certificate is not accepted)

③ Career

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year (from/to) | | Institution | City | Country | Remark |
| YYYY.MM | YYYY.MM |  | Tokyo | Japan |  |
| YYYY.MM | YYYY.MM |  | New York | U.S.A |  |

④ Publication of research papers

A) Korean or foreign academic journal (including IF of SCI-level papers)

*① S.B. Kim, C.J Lee, S.Y Kim, "OOOO vehicle navigation in harsh urban conditions by global positioning system......., IET Radar, Sonar and Navigation, vol.5, no.8, pp.814-823, Oct. 2011) (I.F = 1.6)*

*② S.B. Kim, C.J Lee, S.Y Kim, "OOOO vehicle navigation in harsh urban conditions by global positioning system......., IET Radar, Sonar and Navigation, vol.5, no.8, pp.814-823, Oct. 2011) (I.F = 1.6)*

B) Patent (registration)

*①* 1234567 – April 27, 200 – Process And Apparatus For ............ (in U.S.A)

*②* 1234567 – April 27, 200 – Process And Apparatus For ............ (in U.S.A)

C) Others (awards/prizes, technology transfer, commercialization, etc.)

⑤ Representative R&D achievements

* Doctoral Thesis: Title, thesis director, gist of the thesis, etc.
* Representative thesis or R&D achievements, R&D activities, etc.
* Others

: If applicable, attach proof at the last page of this research plan, for example: utilization of research achievements within the small & middle sized companies

**2. Overseas Post-doc Researcher’s Research Plans andVision for KRF program**

① Reason for application

※ Why did you decide to apply for the KRF program? (Describe in detail)

※ What is the reason to apply to the KRF program as a team project with other KRF candidate?

② Plans for conducting research projects

※ Do you have capacity and detailed plans for successfully conducting the research project? And are you willing to participate in the KRF program? (Describe in detail by including the following items; at least three pages)

* The overseas candidate’s thoughts on his/her roles; measures to conduct and contribute to research project; degree of preparedness for participating in the KRF program
* Plans for exchanges and joint research with the Host researcher of the KRF program and other Korean researchers

※ Utilizing research achievements/accomplishments of the candidate

* Your plan to utilize in Korean research area of research accomplishments/achievements
* Please provide detailed plans (In case your research achievements utilize domestic small & middle sized companies’ which face difficulties securing technology, MOU or any proof that showing the company’ s name on it) (If applicable, attach proof at the last page of this research plan)

③ Plans for life in Korea (on a long term basis)

※ What is your plan for settling in Korea during the KRF program tenure?

- Including plans for moving to Korea, such as relocation, residence, family affairs, etc.

- How to get acquainted with host and any communications (if applicable)

④ Plans following the completion of the KRF program

※ What is your plan after the completion of your research under the KRF program, such as plans regarding research goals, career or other activities, occupation, residence, or country of residence? (Describe in detail)

⑤ Expected contribution to the KRF program

※ How will you contribute to reinforcing Korea’s R&D capacity through your participation in the KRF program, and what will be the degree of your contribution? (Possible roles or advantages regarding collaboration with overseas research institutes or researchers, introduction of technology, international networks, etc.)

※ What is the co-working effect to research together with other KRF candidate? (In regards to Research and networking )

o

**3. Others**

① Any ideas/suggestion for KRF program

I (KRF Candidate - 1) certify the above information to be accurate and correct in Chapter II.

Name :　　　 Signature:

|  |
| --- |
| **II. Overseas Post-doc Researcher(KRF Candidate) -2** |

※ This Chapter II shall be written by the KRF candidate (either in Korean or English)

Please refer to the guidelines for each section and state in details within 10 pages of Chapter II.

**1. General Information of Overseas Post-doc Researcher**

① Personal information

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Name (English) |  | | Date of birth | *1980.5.31* |
| Contact (mobile) |  | | E-mail |  |
| Language proficiency  \* check where applicable | Korean | Fluent( ) Intermediate( ) Elementary( ) None( ) | Nationality |  |
| English | Fluent( ) Intermediate( ) Elementary( ) None( ) |
| Country of residence |  |
| Other | Fluent( ) Intermediate( ) Elementary( ) None( ) |
| Current residence  (workplace) | Address | *0566 Sanford Ave, Flushing, .... , U.S.A* | | Telephone | (718) 961-0000 |
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※KRF candidates for Type 1: his/her current physical address and affiliation should be overseas.

② Education (from the latest degree)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year | | | Academic background | | |
| From |  | To | University | Major | Professor |
| PH.D. | YYYY.MM | YYYY.MM |  |  |  |
| Master | YYYY.MM | YYYY.MM |  |  |  |
| Bachelor | YYYY.MM | YYYY.MM |  |  |  |
| Thesis title for the latest degree | | |  | | |

※ Please state your period of Doctoral degree based on your physical diploma (provisional certificate is not accepted)

③ Career

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year (from/to) | | Institution | City | Country | Remark |
| YYYY.MM | YYYY.MM |  | Tokyo | Japan |  |
| YYYY.MM | YYYY.MM |  | New York | U.S.A |  |

④ Publication of research papers

A) Korean or foreign academic journal (including IF of SCI-level papers)

*① S.B. Kim, C.J Lee, S.Y Kim, "OOOO vehicle navigation in harsh urban conditions by global positioning system......., IET Radar, Sonar and Navigation, vol.5, no.8, pp.814-823, Oct. 2011) (I.F = 1.6)*

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B) Patent (registration)

*①* 1234567 – April 27, 200 – Process And Apparatus For ............ (in U.S.A)

*②* 1234567 – April 27, 200 – Process And Apparatus For ............ (in U.S.A)

C) Others (awards/prizes, technology transfer, commercialization, etc.)

⑤ Representative R&D achievements

* Doctoral Thesis: Title, thesis director, gist of the thesis, etc.
* Representative thesis or R&D achievements, R&D activities, etc.
* Others

: If applicable, attach proof at the last page of this research plan, for example: utilization of research achievements within the small & middle sized companies

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* The overseas candidate’s thoughts on his/her roles; measures to conduct and contribute to research project; degree of preparedness for participating in the KRF program
* Plans for exchanges and joint research with the Host researcher of the KRF program and other Korean researchers

※ Utilizing research achievements/accomplishments of the candidate

* Your plan to utilize in Korean research area of research accomplishments/achievements
* Please provide detailed plans (In case your research achievements utilize domestic small & middle sized companies’ which face difficulties securing technology, MOU or any proof that showing the company’ s name on it) (If applicable, attach proof at the last page of this research plan)

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※ What is your plan for settling in Korea during the KRF program tenure?

- Including plans for moving to Korea, such as relocation, residence, family affairs, etc.

- How to get acquainted with host and any communications (if applicable)

④ Plans following the completion of the KRF program

※ What is your plan after the completion of your research under the KRF program, such as plans regarding research goals, career or other activities, occupation, residence, or country of residence? (Describe in detail)

⑤ Expected contribution to the KRF program

※ How will you contribute to reinforcing Korea’s R&D capacity through your participation in the KRF program, and what will be the degree of your contribution? (Possible roles or advantages regarding collaboration with overseas research institutes or researchers, introduction of technology, international networks, etc.)

※ What is the co-working effect to research together with other KRF candidate? (In regards to Research and networking)

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**3. Others**

① Any ideas/suggestion for KRF program

I (KRF Candidate - 2) certify the above information to be accurate and correct in Chapter II.

Name :　　　 Signature:

|  |
| --- |
| **III. Support for Utilization and Growth of Overseas Post-doc Researchers** |

Please refer to the guidelines for each section and state in details within total 10 pages of “Chapter III. Support for Utilization and Growth of Overseas Post-doc Researchers” and “Chapter IV. Details of Budget Request”

**1. Host Researcher**

① Personal information

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Korean | |  | | | | | Mobile |  |
| Researcher registration no. | |  | | | | | E-mail |  |
| Workplace | Address | | Post code | |  | | | Telephone |  |
|  | | | | | FAX |  |
| Home | Address | | Post code | |  | | | Telephone |  |
|  | | | | |
| Liaison officer | Name |  | Tel. |  | | Mobile |  | E-mail |  |

Note) For liaison officer, provide the information of a participating researcher who can handle affairs on behalf of the Host researcher when contact with the latter is not possible, and leave the field blank if there is no one to serve as liaison officer.

② Education

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | Form A302 | |
| Year | | Academic Records | | | | | DegreeNote) |
| From | To | University | Univ.  Code(no.) | Major | Professor | |
| YYYY.MM | YYYY.MM |  |  |  |  | |  |
| YYYY.MM | YYYY.MM |  |  |  |  | |  |
| YYYY.MM | YYYY.MM |  |  |  |  | |  |
| Thesis title for the latest degree | |  | | | | | |

Note) Degree (choose one): Associate’s program, associate’s degree, undergraduate program, bachelor’s degree, master’s program, master’s degree, doctoral program, doctoral degree, post-doc training, etc.

Note) Visit [http://ernd.nrf.go.kr/](http://maru.kosef.re.kr/) for the “Search Code “menu to look for a university code by entering the name of the institution.

③ Career

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year (from/to) | | Institution | Position (Rank) | Remark |
| YYYY.MM | YYYY.MM |  |  |  |
| YYYY.MM | YYYY.MM |  |  |  |

④ Publication of research papers

(Provide up to five representative achievements of the latest three years in direct relationship with this project)

A) Specialized Korean or foreign academic journal (including IF of SCI-level papers)

*① S.B. Kim, C.J Lee, S.Y Kim, "OOOO vehicle navigation in harsh urban conditions by global positioning system......., IET Radar, Sonar and Navigation, vol.5, no.8, pp.814-823, Oct. 2011) (I.F = 1.6)*

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B) Patent (registration)

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*②* 1234567 – April 27, 200 – Process And Apparatus For ............ (in U.S.A)

C) Others (awards/prizes, technology transfer, commercialization, etc.)

⑤ Current status of participation in national R&D projects (underway or recently completed) (Unit: Korean Thousand won)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | Form A501 | | |
| Name | Name of the project | Institute | Date of start | Participated period (months) | | Rate of participation | |
| Registration no. of Researchers | Name of the ministry/business | Types of participation | Date of completion | Amount of research funds/ year | | | |
|  |  |  | yyyy.mm.dd |  | | |  |
|  |  |  | yyyy.mm.dd |  | | | |
|  |  |  |  |  | | |  |
|  |  |  |  |  | | | |
|  |  |  |  |  | | |  |
|  |  |  |  |  | | | |

※ Indicate as either Host researcher or participating researcher in the field of ‘Participation type.’

⑥ Others

※ Scale of research teams, facilities, etc. currently in operation

※Any similar situation happened in your lab (Successful international joint research, invites any foreign researchers)

**2. Plans to Utilize Overseas Post-doc Researchers**

① Necessity and role of the overseas post-doc researchers (for conducting the research project)

※ How are the post-doc researchers (candidates) necessary, and what are candidates’ roles in conducting the relevant research project?

* Include the specific role, division of work among the existing research team, the reason the candidate is necessary for the relevant project, etc.

※　Necessary reasons for hosting 2 overseas Post-doc researches for the project and plans how to manage a team project(role assignments and synergic effect between KRF fellows) must be included

② Plans to utilize overseas post-doc researchers as a means to strengthen national R&D capacity

※ How will utilization of the overseas post-doc researchers provide assistance to domestic researchers and research fields?

* Include how the candidate’s project will contribute to the related area, such as expanding domestic and international networks, improving Korean researchers’ capacity, introducing outstanding foreign technology, cooperating with overseas research institutes and researchers, and sharing research outcomes.

③ Plans to utilize Overseas Post-doc Researchers by supporting research of Korean small & medium sized companies, if applicable.

※ How will utilization of the Overseas Post-doc Researchers provide assistance to solve the difficulties of domestic small & middle sized companies’

**3. Support for Growth of Overseas Post-doc Researchers**

① Measures to support career development and other growth of Overseas Post-doc Researchers (during the KRF tenure)

※ What are the measures to develop the Overseas Post-doc Researchers into a mid-career researchers during the period for the KRF program?

* Include training, career development, exchange and collaboration with Korean researchers, capacity enhancement, etc. for the overseas post-doc researcher

② Long-term vision for the Overseas Post-doc Researchers (after the program’s completion)

※ What is the long-term vision to motivate the Overseas Post-doc Researchers to passionately engage in research?

-Plans for continued utilization of the Overseas Post-doc Researchers through full-time employment, job placement, or settlement in Korea after the completion of the KRF program

③ Long Term Career Development plan

※ Please state current strength & weakness by filling out the table below

|  |  |  |
| --- | --- | --- |
|  | **As is**  (The current status of the candidate) | **To be**  (Future goal) |
| **Competency and qualification** |  |  |
| **Specialized knowledge** |  |  |
| **Responsibility and role of your work** |  |  |
| **Lab environment** |  |  |
| **Personal values and personality** |  |  |
| **The future prospect for related area and the future goal of your job** |  |  |
| **Etc.** |  |  |

**4. Support and Infrastructure of Host Institution**

① Plans for support of budget and research space

※ What are the plans to support business expenses for the institution, and research costs (direct cost) and personnel costs, as well as research space for the overseas post-doc researcher?

* Research costs (direct costs) are mandatory for all type, and matching funds for personnel costs is mandatory for type 2(type1 : optional).

- Please provide the detailed information of support (name of project/program/ respective department, duration of research and budget, etc.)

* The amount of research costs (direct costs) for the Overseas Post-doc Researchers and measures to secure the funds must be mandatorily described (including the specific project name, source of funds, participation rate of the researcher, and a means of participation, in the case of securing direct costs through participation in another program).

② Plans to support the overseas post-doc researcher’s settlement in Korea

※ Plans for supporting residence (e.g. dormitory), medical benefits, children’s education, or other conveniences, as well as consultation

* Plans regarding setting up an assigned staff (his/her department & role) in order to support the KRF fellow during the KRF program tenure are mandatory.
* ※ (Remark) Assigned Staff (Buddy) : A Buddy can be anyone of the host institution, for example school staff, administrative, lab mate who can communicate well with the Overseas Post-doc Researchers in a linguistic way, support daily life in Korea, and help with administrative issues (No fixed qualification required regardless of his/her degree, position, etc.). (For Type 1, allowance 200,000 won or more per month shall be paid to the buddy from KRF budget under Subsidies of the host institution)

③ Infrastructure of the Host Institution

※ Include the possibility of organizing and utilizing an exclusive organization for foreign nationals and cooperating networks, and the institution’s preferential treatment of the Overseas Post-doc Researcher .

④ Others

※ The role and willingness of host institution to provide support the overseas post-doc researchers, etc.

※ Describe the institution’s comparative advantages, such as the offering of full-time employment to the Overseas Post-doc Researchers , or collaboration with current researchers.

|  |
| --- |
| **IV. Details of Budget Request** |

※ Pay extra attention to calculating an appropriate amount which reflects candidate’s characteristics and roles, and refrain from requesting the maximum amount *en bloc.* (The appropriateness of research costs is included in the evaluation criteria, and the requested budget may be adjusted to an appropriate level at that stage of selection evaluation.)

Please fill out the budget form according to your application type as follows.

**<In case both KRF candidates are for Type 1>**

( Unit : thousand Korean won)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Item | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Total |
| 2017 | 2018 | 2019 | 2020 | 2021 |
| Personnel Costs (up to KRW 100 million won per annum) | |  |  |  |  |  |  |
| Living expenses (up to KRW 24 million won per annum) | |  |  |  |  |  |  |
| Others | Insurance premiums (injury and disease) |  |  |  |  |  |  |
| Flight fare |  | (N/A) | (N/A) | (N/A) | (N/A) |  |
| Moving expenses |  | (N/A) | (N/A) | (N/A) | (N/A) |  |
| Subtotal  (up to KRW 10 million won  per annum) |  |  |  |  |  |  |
| Subsidies of the host institution | Assigned staff | must | must | must | must | must |  |
| Others |  |  |  |  |  |  |
| Subtotal  (up to KRW 5 million won  per annum) |  |  |  |  |  |  |
| Grand total of research costs  (up to KRW 140 million per annum) | |  |  |  |  |  |  |

**\*The total amount of KRF funds and the time table of KRF program may be adjusted at the stage of selection evaluation**

**according to the evaluation committee and direction of budget from Ministry of Strategy and Finance**

<Plan for matching funds of KRF direct costs > ( Unit : thousand Korean won)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Item | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Total |
| 2017 | 2018 | 2019 | 2020 | 2021 |
| Direct Costs  (matching funds by host) | Materials and Equipment supplies (d) |  |  |  |  |  |  |
| Research activities (e) |  |  |  |  |  |  |
| Research Project related Costs (f) |  |  |  |  |  |  |
| Subtotal(d+e+f) |  |  |  |  |  |  |
| Grand total of research costs | |  |  |  |  |  |  |

**<In case both KRF candidates are for Type 2>**

( Unit : thousand Korean won)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Item | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Total |
| 2017 | 2018 | 2019 | 2020 | 2021 |
| Personnel Costs (up to KRW 80 million won per annum) (a) | |  |  |  |  |  |  |
| Personnel Costs (matching funds for personnel costs (20% or more)) (b) | |  |  |  |  |  |  |
| Direct Costs  (matching funds by host) | Materials and Equipment supplies (d) |  |  |  |  |  |  |
| Research activities (e) |  |  |  |  |  |  |
| Research Project related Costs (f) |  |  |  |  |  |  |
| Subtotal (d+e+f) |  |  |  |  |  |  |
| Grand total of research expenses | |  |  |  |  |  |  |

**※ For type 2 KRF overseas post-doc researchers (currently residing in Korea)- around 40 million per annum for each will be funding by KRF program, personnel costs (b,** matching funds for personnel costs (20% or more) by host are mandatory **) + Direct Costs (Materials and Equipment supplies, Research activities, Research Project related Costs)should be matched by the funds from the Host**

**\*The total amout of KRF funds and the time table of KRF program may be adjusted at the stage of selection evaluation**

**according to the evaluation committee and direction of budget from Ministry of Strategy and Finance**

**<In case KRF candidates are mixed for Type 1, 2>**

( Unit : thousand Korean won)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Item | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Total |
| 2017 | 2018 | 2019 | 2020 | 2021 |
| Personnel Costs (around KRW 90 million won per annum) | |  |  |  |  |  |  |
| Living expenses (up to KRW 12 million won per annum) | |  |  |  |  |  |  |
| Others | Insurance premiums (injury and disease) |  |  |  |  |  |  |
| Flight fare |  | (N/A) | (N/A) | (N/A) | (N/A) |  |
| Moving expenses |  | (N/A) | (N/A) | (N/A) | (N/A) |  |
| Subtotal  (up to KRW 5 million won per annum) |  |  |  |  |  |  |
| Subsidies of the host institution | Assigned staff | must | must | must | must | must |  |
| Others |  |  |  |  |  |  |
| Subtotal  (up to KRW 5 million won per annum) |  |  |  |  |  |  |
| Grand total of research costs  (up to KRW 110 million won per annum) | |  |  |  |  |  |  |

**※ In case of Type 1+ Type 2 Overseas Post-doc Researchers, For the Type 2 fellow residing in Korea- around 40 million per annum will be funding by KRF program, personnel costs (b, matching funds for personnel costs (20% or more) by host are mandatory)**

**※ Only Type 1 Overseas Post-doc Researcher is eligible for settilement supports under the budget items of “Others”**

**※ \*The total amount of KRF funds and the time table of KRF program may be adjusted at the stage of selection evaluation according to the evaluation committee and direction of budget from Ministry of Strategy and Finance**

<Plan for matching funds of KRF direct costs > ( Unit : thousand Korean won)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Item | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Total |
| 2017 | 2018 | 2019 | 2020 | 2021 |
| Direct Costs  (matching funds by host) | Personnel costs (c) |  |  |  |  |  |  |
| Materials and Equipment supplies (d) |  |  |  |  |  |  |
| Research activities (e) |  |  |  |  |  |  |
| Research Project related Costs (f) |  |  |  |  |  |  |
| Subtotal((c+d+e+f) |  |  |  |  |  |  |
| Grand total of research costs | |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Details of the host institute’s matching funds for research costs | |  |
|  |  |
|  | | |  |  |
| (1) Please state any support provided through the Overseas Post-doc Researchers participation in another research project or lecture (Enter this information in III. Support for Utilization and Growth of Overseas Post-doc Researchers – 2. Plans to Utilize Overseas Post-doc Researcher(candidate) - ① Necessity and role of the candidate)    (2) Plan for matching funds of KRF direct costs  [Details of Budget for KRF program]  <Relocation expenses (airfare / moving expenses) >   * KRF fellows who come from overseas are entitled to apply for relocation expenses in the first year of their fellowship. * KRF fellows who are currently living in Korea are not eligible to apply. * Relocation expenses can be applied after 6 month of conducting KRF program.   < Indirect expenses of the Institute >  - This is the amount of indirect expenses that belongs to the managing institute reflecting other R & D projects in the budget of “Subsidies of the managing institution” excluding exclusive staff expenses. This cannot be reflected by announced rates of indirect expenses due to the particularity of this program  < Assigned staff>  The designation of “Assigned staff” is required (mandatory)  The host institution has an obligation to designate the assigned staff for KRF fellow to support fellow’s adjustments in local society.  [Plan for matching funds of KRF direct costs by host]  ※ Provide the details of the host’s own budget is funded for KRF direct costs, etc.  Ex) Basic science 000 project: 30 million won as of KRF matching funds out of total 500 million won  - 000 project Materials and Equipment supplies costs(200 million won) => Materials and Equipment supplies matching funds for KRF program: 20milion won  - 000 project Research activities costs (150 million won) => Research activities costs matching funds for KRF program: 10milion won. | | | | |

|  |
| --- |
| <Basis for calculating personnel costs for the overseas post-doc researchers> |

|  |
| --- |
| **1. Basis for calculating personnel costs for the host institution, and the level of personnel costs for those working in a similar career**  **2. The level of personnel costs in the identical area of South Korea, and the current status of overseas personnel costs (including the country where the overseas post-doc researcher(s) currently lives)**  **3. Appropriateness of personnel costs** (whether they have been overestimated or underestimated compared to those in Korea)  ⇒ Explain not simply how a certain standard was applied, but instead why such standard was applied to the overseas post-doc researcher, along with his/her excellence (if significant), provision of other incentives, or lack of career (if insufficient).  For example: The maximum level of personnel costs for the A program was applied. (x) / The level of personnel costs for full-time employees at B institution was applied. (x)  → The post-doc researcher corresponds to a C-grade researcher (KRW \_\_\_ million), and the personnel costs for a researcher in Korea or abroad with the identical or similar career is KRW \_\_\_\_ million. The expenses for the researcher were set at the level for Korean researchers based on \_\_\_\_\_\_\_\_\_. (OR: The expenses for the researcher were increased/decreased by KRW \_\_\_\_ million compared to Korean researchers based on \_\_\_\_\_\_\_\_\_\_\_.)  **4. The designation of the assigned staff and how to utilize them to support Overseas postdoc researchers**  ⇒ The host institution has an obligation to designate the assigned staff for the KRF fellow to support and for him/her to adjust in domestic society.   * **If host institution does not designate the assigned staff or not manage him/her, the NRF may cancel the KRF program even after the selection of the KRF fellow.** |

<Additional documents>

|  |  |  |
| --- | --- | --- |
| No. | Title of Forms | Condition |
| 1 | Agreement to personal information utilization | Mandatory |
| 2 | Pledge Agreement of Executing Contract of Integrity  (INTEGRITY DECLARATION) |
| 3 | Resumes of the overseas post-doc researchers  (combine as one file and submit it to ERND) |
| 4 | Latest degree certificates and career (employment) certificates of the post-doc researchers  (combine as one file and submit it to ERND) |
| 5 | Letter of reference for the overseas post-doc researchers  (combine as one file and submit it to ERND) |
| 6 | Host institution’s confirmation to provide support |
| 7 | Other certificates  (Language-related certificates, report cards, etc.) | If applicable |
| 8 | Evidential document for corporate research institute |

**< FAQ regarding “Additional Documents” to be submitted>**

**1. Résumé of the post-doc researcher: No fixed form (2~3pages)**

**2. Doctoral degree certificate of the post-doc researcher:**

**KRF candidate’s physical doctoral degree certificate or diploma (copy). As a rule Provisional**

**certificates are not accepted. Proof of work as a postdoctoral fellow without submitting the copy of the actual degree certificate is not accepted. (Only official certifications stating the degree conferral date issued by your degree awarded by the university can be granted. Certificates not showing a degree conferral date or provisional certificates are not acceptable.)**

**3. If any documents required are written in a language other than Korean or English, please submit certified translations for all foreign language documents into Korean or English.**

**-KRF application form shall be written in Korean by KRF applicant (host researcher), however, portions regarding academic contents can be written in English in order to share research plans with the KRF candidates**

**“ Chapter Ⅱ. Overseas Post-doc Researcher (Candidate)” shall be written by KRF candidate in Korean or English**

**4. Letters of reference for the overseas post-doc researcher:**

**2 or more recommendations including from PhD professors except for the host researcher (no fixed form)**

**5. Host Institution’s Confirmation:**

**Reconfirmation of host institution’s support for the candidate stated at “III-4. Support and Infrastructure of Host Institution”- make one page stamped on the head of the institution. (No fixed form)**

**※ These guidelines have been translated from original Korean documents with regards to Korean research. Therefore, this translation has focused on providing the main contents and points to overseas post-doc researchers for reference purposes only. In the event of any discrepancy between the Korean original and this English translation, the Korean original shall prevail.**