**2015 Joint Research**

**on Nuclear Decommissioning and Radioactive Waste Treatment**

1. Business outline
2. Purpose

: A join research project by EPSRC (Engineering and Physical Sciences Research Council) and MSIP (Ministry Science, ICT and Future Planning) for nuclear decommissioning or radioactive waste treatment and disposal.

1. Supported fields

|  |  |
| --- | --- |
| Joint research on nuclear decommissioning | Joint research on radioactive waste treatment and disposal |
| Characterization of the reactor core prior to decommissioning | Graphite waste-forms |
| Retrieval of contaminated material from hazardous zones | Waste processing |
| Radioactive material processing and treatment | Encapsulation |
| Long term site monitoring of decommissioned sites | Engineering barriers / storage site evolution |

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1. Procedure and Schedule

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| --- | --- | --- | --- | --- |
| **Application** |  | **in September, 2014** |  | ∙ Application period: `14. 9. 2. ~ `14. 11. 25.  |
| **⇩** |  | **↓** |  |  |
| **Evaluation** |  | **in February, 2015/Korea** |  | - Debate evaluation ( in February, 2015) : Discussion for accepted assignment is composed of a panel of 6 experts (3 Korean experts + 3 British experts).  |
| **⇩** |  | **↓** |  |  |
| **Selection** |  |  **in February, 2015** |  |  - Determining scale of support in consideration of results and budget |
| **⇩** |  | **↓** |  |  |
| **Notice** |  | **Notification** |  | -Researching on selected assignment (in April , 2015) |

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1. Evaluation basis

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| **No** | Evaluation **basis** |
| 1 | Quality of the scientific research  |
| 2 | Potential impact of the project  |
| 3 | Ability of the applicant team to deliver the research |
| 4 | Resources and management  |

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1. Scale of support and period

: About 2,000,000won (adjustable) per year by respective assignment for up to 3 years

1. Other details

: In Korean research content, planning for manpower cultivation and interchange must be included.

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| Manpower cultivation | Research training in England for post-docs, graduate students |
| Manpower interchange | Researcher interchange plan between Korea and UK |

1. Application method
2. Application period

|  |  |
| --- | --- |
| **Procedure** | **period** |
| **Korea** |
| **Preliminary registration** | `14.9. 2. - `14.10. 1. 07:59 |
| **Submission of Research planning**  | `14.9. 2. - `14.11.25. 18:00 |

b. Reception desk

: (우 305-350) 대전광역시 유성구 가정로 201한국연구재단 원자력단 미래원자력시스템사무국

(Tel) 042-869-7816 (Fax) 042-869-7717 (e-mail) ahra716@nrf.re.kr

c. Preliminary registration (step1)

: Connect to <http://ernd.nrf.re.kr> and save the name of the project and chief of research’s name, research institute after inputting.

: You can modify research information until (~’14.11.25.)

d. Submission of Research planning and managing department admission (step2)

: After online submission through <http://ernd.nrf.re.kr>, you will receive Managing department admission.

: Submit the required documents (plan for research in Korean and personal information consent) to the reception desk.

e. Inquiry

: 미래창조과학부 우주원자력협력과 (☎ 02-2110-2793), 한국연구재단 미래원자력시스템사무국 (☎ 042-869-7816, ahra716@nrf.re.kr).