

**Call for proposals
for
Projects related to land decontamination
and monitoring in view of the Fukushima Nuclear Power Plant Accident**

1 June 2012

Introduction

As a response to the situation arrived after the Fukushima Nuclear Power Plant Accident, the International Science and Technology Center (ISTC) in Moscow and the Science and Technology Center in Ukraine (STCU) in Kiev carried out a review of the ISTC and the STCU project results related to severe accidents management, decommissioning and environmental remediation in the nuclear sector. During the past period these results were presented to the relevant Japanese Governmental and research bodies. The ISTC and the STCU contributed to the efforts in Japan to mitigate the impact in and around Fukushima through discussing the results of relevant ISTC and STCU projects funded in Russia, Ukraine, Kazakhstan, other CIS countries and Georgia.

During this review process, the relevant Japanese authorities, the ISTC and the STCU have organized symposiums, seminars and workshops for experts from Japan, Russia and other CIS countries. Based on the findings during these discussions and shared experience, the ISTC and the STCU decided to launch a call for proposals for projects related to land decontamination and monitoring in view of the Fukushima Nuclear Power Plant Accident.

The guidelines for participants in the call for proposals for preparing and submitting the proposals are provided below.

Eligibility Criteria, Proposal Preparation and Selection Process

I. General

ISTC and SCTU launch the call for proposals for projects related to the Fukushima NPP Accident.
The Title of this call is:

- (1) Title: “Call for proposals for projects related to land decontamination and monitoring in view of the Fukushima Nuclear Power Plant Accident”**
- (2) The Technology areas covered by this call for proposals are:**

A) Decontamination and rehabilitation

This area relates to the decontamination and rehabilitation of the environmental areas contaminated by radionuclides. Only radionuclides of concern are ^{134}Cs and ^{137}Cs on the land outside of the Fukushima NPP site are of concern. The following are the examples of the technologies of interest:

- technologies for decontamination of soils (areas of habitation and farming)
- technologies for fixing radionuclide to prevent further migration, technologies for reducing the volume of final radioactive waste of disposal generated by decontamination activities
- technologies for final storage and disposal of radioactive waste generated by decontamination activities which came out of demonstrative experiments at contaminated sites in CIS countries
- remediation of forests contaminated by radioactive cesium may also be of an interest as a second priority.

B) Long-term monitoring

This area relates to the long-term environmental monitoring of radionuclides migration and accumulation at land surface, and in forests, agricultural fields, rivers and the Pacific Ocean's coastal water, relevant to prediction of the migration of radionuclides in the future. For example, technologies for monitoring and dose assessment studies at the decontaminated settlements after the Chernobyl and other nuclear accidents, and technologies (model) for analyzing long-term monitoring data are also of interest.

II. The Eligibility Criteria

(1) Geography

Only relevant research and development institutes, companies and other similar legal entities working in the following countries can participate in this call for proposals:

- The Russian Federation
- Armenia
- Belarus
- Georgia
- Kazakhstan
- The Kyrgyz Republic
- Tajikistan

- Ukraine
- Azerbaijan
- Moldova

(2) Experience

The relevant research and development institutes, companies and other similar legal entities need to have a proven track record (experience) in research and/or technology development in the area of:

- Decontamination and rehabilitation of the environmental areas contaminated by nuclides and/or
- Long-term environmental monitoring of radionuclide migration

It is an asset if selected institutes, companies and other relevant legal entities have participated in ISTC and/or STCU projects relevant to this call for proposals. Information on work experience in such scientific and development work under the call for proposals need to be supplied in point 2.3 of Annex.

(3) Other Eligibility Criteria

Other eligibility criteria are:

- The individual project proposals may not exceed the maximum amount of 250,000 USD per project application;
- The participation of a foreign collaborator in the project is mandatory;
- Work can not take place and/or be subcontracted to institutes outside the CIS member countries and Georgia that are members of ISTC and STCU. However a lead institution working in one of the ISTC/STCU Member Countries can subcontract work with one or more institute in the same country and/or with institute established in other ISTC/STCU Members Countries;
- The duration of the proposed projects under this call for proposals may not exceed 2 years.

III. Application, Evaluation and Notification of the Selection

(1) Application

The applicants for this call for proposals need to complete short-form proposals (see Annex) only in the English language and submit it **before 30 June 2012** (by the end of working hours) through e-mail: ISTC projects are sent to ISTC (call@istc.ru) and STCU projects to STCU (call@stcu.int). These are the only addresses for submission of project proposals.

The announcement of the call for proposals is published both on the ISTC and STCU websites. The format for the short-form proposals for STCU will work through STCU's proposal submission system.

A requirement for submission of short-forms is the inclusion of two parts:

- Detailed description of the scientific and development aspects of the project proposal (including review of existing literature to justify proposed work, and detailed description of method of execution/implementation of proposed approach)
- Financial aspects of the project proposal

(2) Evaluation

The evaluation of the submitted short-form proposals will be carried out by an independent Committee consisting of high reputable international experts.

The evaluation will consist of two parts:

- Evaluation of the technical and scientific aspects of the proposals (phase 1)
- Evaluation of the financial aspects of the proposals (phase 2)

ISTC and STCU will decide on the award of projects based on the recommendations of the Evaluation Committee.

(3) Notification of the Selection

Based on the evaluation, candidates for the preparation of full project proposals will be selected **in 1 August 2012**. The individual applicants for this call for proposals will be informed about results of their submission of short-forms by e-mail only.

(4) Development toward Full Proposals

A two-step selection procedure will be taken into account under the call for proposals. The applicants need to submit short-form proposals in the first phase. In the second phase, the selected short-form proposals will be developed to full proposals. Positive decisions on the preparation of a full project proposal do not automatically mean that the full proposal will be awarded with funding. It is expected that a final decision in the framework of these full proposals could be made taking the needs of funding parties into consideration. The individual applicants will be informed about final results by e-mail only.

Schedule 2012 for Proposal preparation and Review Process

1 June	Announcement of short-form applications
30 June (End of working hours)	Deadline submission of short-form proposals.
July	Scientific, technical and financial evaluation of the proposals by an independent Committee.
August	Decision on the selection of the short-form applications. Request for selected applicants to develop full proposals based on existing ISTC/STCU procedures.

IV. Other points

The implementation of the projects will take place on the basis of the existing rules and procedures of ISTC or STCU. Projects proposals by Russia will be informed to ISTC parties for their further collaboration.

All awarded projects need to comply with the ISTC/STCU rules and procedures including with respect to visibility (obligatory use of ISTC/ STCU logo). The support will be given in the form of grants, procurement of equipment and contribution to overhead costs to a maximum of 10 %.