

**CRDF GLOBAL  
REQUEST FOR INFORMATION**

**Counter Proliferation and Nuclear Security Subject Matter Experts**

**Submission Deadline: 9:00 AM EST Mon. | August 24, 2020**

**Summary:**

CRDF Global is seeking subject matter experts (SME) to support ongoing programs on nuclear security, emerging technology in the nuclear sector, and related topics. The SME will provide training and course development support to advance safe and secure civilian nuclear technology in partner countries. As expanded below, the specific areas of desired expertise include the following: (1) Small Modular Reactor (SMR) technology, including safety, design, and security; (2) SMR licensing and financial considerations.

**RFI Timetable:**

RFI Goes Live	Tuesday, 7/21/2020
Submission Deadline for RFI Participants	9:00 AM EST Monday, 8/24/2020

**Scope of Work:**

Tasks may include but are not limited to:

- Develop new curricula using internationally accepted nuclear safety and security policies, processes, and practices.
- Review and revise existing curricula.
- Conduct trainings, in person or virtually, in the United States or abroad.
- Coordinate with other co-implementers
- Author or contribute to post-activity reports
- Participant outreach support, etc.

Here is an example of an activity that may occur under this scope: The first tentative activity includes presenting on relevant topics at a regional conference in Southeast Asia, tentatively in Q4 2020. CRDF Global will bear all costs and make logistics arrangements related to travel. Additional activities will be determined based on the budget availability and needs identified by the funder.

**Subject Matter Expert Requirements:**

- Ability/Willingness to travel internationally
- Capability to respond to changes/adjustments as directed by a customer
- The SME will have a demonstrated capability to prepare relevant instructional content and conduct training and mentoring in one or more of the following areas:
  - International guidelines and best practices in nuclear power
  - Development of national infrastructure for nuclear power
  - SMR licensing and financial considerations
  - SMR technology (e.g., emerging technology, floating nuclear power plants, new designs, operational requirements, etc.)
  - SMRs: safety, security, and safeguards
  - Development of nuclear security culture and human reliability programs for nuclear newcomers

**Preferred Experience:**

CRDF Global is seeking those who have expertise and experience in one or more of the following:

1. Professional experience in operational energy, energy technologies, including experience working on SMR technologies and implementing U.S. government programs to reduce nuclear, chemical, or biological threats internationally.
2. Knowledge of the intersection between safety, security, and safeguards (3S) as they are applied at facilities that hold nuclear and radiological material.
3. Familiarity with the application of technical guidance from the International Atomic Energy Agency (IAEA) and regulatory best practices in ensuring safety and security.
4. In-depth knowledge of operational civilian energy systems, designs, nuclear licensing process.
5. Understanding of United States industry best practices and standards in nuclear energy (Nuclear Regulatory Commission, Department of Energy).

**Selection Criteria:**

CRDF Global will select SMEs that provide the best value in terms of overall labor rate, expertise, and technical capabilities. CRDF Global reserves the right to negotiate the rates and the hours requested to complete work.

**Submission Requirements:**

Interested individuals are requested to submit the following items:

- Statement of interest to summarize the following as they relate to the expertise and experience listed above:
  - Expertise and technical capabilities.
  - Past performance indicating any international experience, and/or any experience with US national laboratories, US DOE, NNSA, NRC, US DOS, etc.
  - 3 applicable references related to past performance.
- Hourly labor rate
- Please price and attribute level of effort (LOE) for one, 45- minute presentation on SMR's. Your breakdown must include the following phases: Preparation, Implementation and Reporting. Each Phase must show the general tasks that would be accomplished and their related LOE. You may add additional phases to the breakdown if needed but please provide justification as to why a phase would be needed.
- Curriculum Vitae (CV)

**Submission:**

Information should be submitted to [procurement@crdfglobal.org](mailto:procurement@crdfglobal.org) and Ms. Dominique Gonzalez at [dgonzalez@crdfglobal.org](mailto:dgonzalez@crdfglobal.org) with **SME\_SMR\_Technology\_[Name]** in the subject line. Documents should be submitted as electronic documents in PDF, Word, or Excel format.

**Background:**

Founded in 1995, CRDF Global is an independent nonprofit organization that promotes international scientific and technical collaboration through grants, technical resources, training, and services. Based in Arlington, Virginia with offices in the Eurasia and MENA regions, CRDF Global works with more than 40 countries in the Middle East, North Africa, Eurasia, and Asia. We specialize in bringing isolated scientific communities into the scientific mainstream through a variety of science engagement and capacity- building programs. CRDF Global encourages scientific cooperation between countries where official relations are strained. More information is available at [www.crdglobal.org](http://www.crdglobal.org)

**RFI Terms & Conditions:**

Right to Select. CRDF Global reserves the right to negotiate with and select all qualified RFI participants at its own discretion and is not obligated to inform the participants of the methods used in the selection process. CRDF Global reserves the right to dismiss any and/or all participants from the bid process and reject any and/or all submissions.

Obligation. This RFI does not bind nor obligate CRDF Global in any way. CRDF Global makes no representation, either expressed or implied, that it will accept or approve in whole or in part any proposal submitted in response to this RFI. CRDF Global may reward, in whole or in part, the proposal at its sole discretion.

Binding Period. Following the due date of submission, the pricing included in the Submission for the RFI shall be binding upon the selected participant for the duration of any contract to follow.

Hold Harmless. By submitting a response to the RFI, the participants agree that CRDF Global has sole discretion to select any and/or all participants. During or following the conclusion of this process, participants waive their rights to damages whatsoever attributable to the selection process, materials provided, participant selection, or any communication associated with the RFI process and participant selection.

CRDF Global Proprietary Information. Participant agrees that all non-public information contained in this document and/or communicated verbally in reference to this RFI by CRDF Global shall be received for the sole discretion and purpose of enabling the participant to submit an accurate response to this RFI. The information contained in this RFI and disclosed during the course of negotiations and communications are proprietary in nature and under no circumstances to be disclosed to a third party without prior written consent from CRDF Global.