

**CRDF GLOBAL  
REQUEST FOR INFORMATION**

**Summary:**

CRDF Global is seeking subject matter experts (SME) to support ongoing projects 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 under Foundational Infrastructure for the Responsible Use of Small Modular Reactors (FIRST) program. 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, and (3) workforce development.

**Scope:**

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 project includes presenting on relevant SMR topics at a regional conference in Southeast Asia. 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.

**Contractor Requirements:**

- Ability/Willingness to travel internationally per CDC guidelines
- 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

### **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)
- Any Small or Disadvantaged Business Designations (Veteran Owned, HUB Zone, Women Owned, Disadvantaged Businesses)
- [NAICS Codes](#): 541620 Environmental Consulting Services- Small Business Threshold \$15 million  
541690 Other Scientific and Technical Consulting Services – \$15 million

### **Contractor 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.

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).

CRDF Global is committed to not sponsoring single-gender panels whenever possible. We will consider the gender-balance of proposed subject matter expert teams and speakers when evaluating proposals.

CRDF Global provides equal opportunities to all qualified individuals without regard to age, race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran, or disabled status. We are committed to prioritizing an inclusive and collaborative space in which diversity and equity is discussed, championed, and supported. We acknowledge and honor the fundamental value and dignity of all individuals. We pledge ourselves to creating and maintaining an environment that respects diverse traditions, heritages, and experiences.

**Submission:**

Proposals should be submitted to [procurement@crdfglobal.org](mailto:procurement@crdfglobal.org) & [ngoren@crdfglobal.org](mailto:ngoren@crdfglobal.org). Proposals should be submitted as electronic documents in PDF, Word or Excel format. CRDF Global will review the applications on a rolling basis.

**Background:**

CRDF Global is an independent nonprofit organization founded in 1995 in response to the collapse of the Soviet Union and the threat of large-scale proliferation of weapons technology from the region. With support authorized by the Nunn-Lugar Act of 1991 and the Freedom Support Act of 1992, as well private foundation contributions, CRDF Global embarked on bolstering the global scientific community and fostering alternatives to weapons research.

In the past 25 years, our work has expanded to address ever-changing global concerns, but our commitment to ensuring the success of our partners remains the same. We are a leading provider of flexible logistical support, program design and management, and strategic capacity building programs in the areas of higher education, CBRNE security and nonproliferation, border security, cybersecurity, global health, technology entrepreneurship, and international professional exchanges.

With offices in Arlington, VA; Kyiv, Ukraine; and Amman, Jordan, CRDF Global's diverse staff and networks of local community and government stakeholders deliver tailored programs that meet specific regional needs in over 100 countries across the globe.

Vision Statement:

Our world, healthy, safe, and sustainable.

Mission Statement:

Safety, security, and sustainability through science, innovation, and collaboration.

Values:

We do the right thing.

We care about each other and the people we work with.

We work together to deliver excellence

More information is available at [www.crdfglobal.org](http://www.crdfglobal.org).

**Solicitation Terms & Conditions:**

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

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 RFP. CRDF Global may reward, in whole or in part, the proposal at its sole discretion.

Binding Period. Following the due date of submission of this Proposal, the pricing included in this RFP shall be binding upon the supplier for the duration of the contract.

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

Exceptions. Any exceptions to the terms and conditions or any additions, which bidder may wish to include in the RFI, should be made in writing and included in the form of an addendum to the applicable Section in the RFI

CRDF Global Proprietary Information. Supplier agrees that all non-public information contained in this document and communicated verbally in reference to this RFI by CRDF Global shall be received for the sole discretion and purpose of enabling the supplier to submit an accurate response to this RFI I. The information contained in this RFP 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.

Bidder Proprietary Information. Information contained in the response to this RFI will be considered proprietary in nature if marked "confidential" or "proprietary". Such marked documents will not be disclosed to third parties outside CRDF Global with the exception of retained consultants under contractual confidentiality agreements.