



SOURCES SOUGHT / REQUEST FOR INFORMATION

Solicitation Number:	NAT-23-001
Solicitation Title:	Construction Manager as Constructor Contractor for Fuel Facility
Response Due Date:	3/31/2023
Sourcing Point of Contact Name:	Ilyse Triestman
Sourcing Point of Contact E-mail:	ilyse.triestman@ge.com
Sourcing Point of Contact Phone:	561-566-9243

Global Nuclear Fuel-Americas, LLC (herein known as “GNFA”), is seeking expressions of interest from firms regarding Construction Manager as Constructor (CMc) Services for a Fuel Fabrication Facility.

This is a Request for Information (RFI)/Sources Sought notice only, not a Request for Proposals (RFP), and no solicitation exists at this time.

This RFI is for informational and planning purposes only and is not to be construed as a commitment by GNFA, nor will GNFA pay for information received.

Background:

In May 2020, the United States Department of Energy (DOE) launched the Advanced Reactor Demonstration Program (ARDP). The goal of the program is to support the development of advanced reactors in the United States. TerraPower, LLC., GE Hitachi Nuclear Energy Americas LLC (GEH), and Global Nuclear Fuel-Americas, LLC (GNFA) brought together their decades of design expertise and technical capabilities to develop the Sodium technology, which features a cost-competitive sodium fast reactor combined with a molten salt energy storage system. In May 2021, the DOE awarded the TerraPower led team funding as part of the ARDP to demonstrate the Sodium technology.

The initial core for the Sodium reactor will be fabricated in the Sodium Fuel Facility (NFF), a collaboration between GNFA and TerraPower, to be sited on the GEH Wilmington, North Carolina property and within the existing GNF controlled access area for optimized personnel access, shipping/receiving, and minimum impact on ongoing GNFA production activities.

The proposed NFF is an approximate 154,000 square foot, predominately one-story process building with a second story that provides utility support activities. The process building has spaces which are divided by a Contamination Control Area (CCA) and Non-Contamination Control Areas. Areas within these spaces are separated by fire resistant construction as required for their occupancy and use. Each process area has ancillary space elements such as process-monitoring, production support and building utility rooms, and staff offices. In addition to the principal process and process material storage areas, there are ancillary partitions, functions, and rooms which include, but are not limited to process administrative, radiation safety and decontamination, maintenance, central electrical and mechanical equipment / gear, waste classification and shipping and receiving areas, and analytical laboratory and chemical storage. Outdoor areas include pads for tanker trailers dispensing bottled gases and electrical and HVAC equipment yards. It is proposed that the floorplan for the NFF will have a separate remote 5,000 square foot Process Waste Storage building.



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Intent:

GNFA intends to solicit an RFP for Construction Manager as Constructor (CMc) Services for the NFF with the intent of subsequently executing a single contract to the most qualified Firm/Team at a fair and reasonable price.

At this time, we are interested in knowing the depth of your company's interest in this project to help us determine the appropriate solicitation method. **Please submit responses on or before March 31, 2023**, to be considered in the market research being conducted. Narratives are requested with the following information, which should not exceed a total of eight (8) pages.

- 1) Provide Respondent's company name, address, points of contact with telephone numbers and e-mail addresses.
- 2) Provide Business size/classification to include any designations as Small Business, HUBZone, Service-Disabled Veteran Owned, 8(a), and/or Women-Owned small businesses.
- 3) Describe your experience and capability as the Prime contractor for CMc or Construction Manager at Risk (CM@R) Services for Industrial Manufacturing Facility contracts of same or similar size, scope and magnitude.
- 4) This solicitation will contain clauses applicable to Financial Assistance Agreements, including but not limited to Davis-Bacon Act, Architectural Barriers Act of 1968, Equal Employment Opportunity Under E.O. 11246, construction warranty, liquidated damages and others required under 2 CFR 200. Describe your experience as a Subcontractor or Subrecipient for Federal Government CMc or CM@R contracts.
- 5) This project will require insurance and Performance and Payment Bonds. Provide construction bonding level per single contract/task order. Provide the aggregate sum total construction bonding level. Provide both capabilities which must be expressed in U.S. dollars along with current stated available bonding capacity. (No letter required.)
- 6) What estimated percent of this work will your company self-perform?
 - a. 100%
 - b. about 75%
 - c. about 50%
 - d. about 25%
 - e. about 15%
- 7) What is your company's commitment to submit a proposal for this project if and when a CMc solicitation is posted?
 - a. 100%
 - b. 50%
 - c. Less than 50%
- 8) What will influence your company's commitment for submitting a proposal for this project?



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Please provide responses to GNFA no later than March 31, 2023.

All responses to this RFI should be submitted electronically to: Ilyse Triestman, ilyse.triestman@ge.com and should include the RFI number in the subject line of the email.

We trust that the information contained herein is sufficient to permit your company to prepare a submittal outlining your capabilities, however, should you have any questions, please contact Ilyse Triestman via email to: ilyse.triestman@ge.com. All questions must be submitted in writing, via email.

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