

Project: Lithium Processing Facility at Y-12 National Security Complex, Oak Ridge, Tennessee

Introduction:

Consolidated Nuclear Security, LLC, (CNS) is seeking interested parties to contract for the constructability review and construction/construction management of the Lithium Processing Facility (LPF). A design for the LPF has already been awarded and started. CNS prefers one entity capable of performing all phases of the work including constructability reviews, development, management, construction, procurement, ES&H oversight and quality assurance. However, other contracting options will be considered. Interested parties are encouraged to reply to the expression of interest if you can provide one or more of these services.

CNS will schedule an informational meeting via Webex to share further details, exchange information and answer questions. All interested parties are encouraged to participate in the informational meeting. CNS will use the information obtained from this Expression of Interest and the informational meeting to structure a Request for Proposal (RFP)..

Background

The Y-12 National Security Complex is located in Oak Ridge, Tennessee. It is a Department of Energy (DOE) National Nuclear Security Administration (NNSA) national security complex managed and operated by CNS.

General Scope Description for Lithium Processing Facility

Based on a conceptual design, the LPF will be an approximately 134,000 square foot building, with concrete walls & roof, containing lithium processing equipment. In addition, the LPF contains administrative offices, building services (e.g., HVAC, lighting, PA system), shipping and receiving, utilities (e.g., electrical distribution systems, data & communications, emergency diesel power equipment, firewater systems) and exterior storage for bulk chemicals. Once operational, the LPF will replace an existing, operational facility at Y-12.

The project site is located in the area formerly occupied by the Biology Complex (currently under demolition), which is on the east end of Y-12 and outside of the Protected Area but within the General Plant Area.

The LPF project will be executed using a Construction Manager at-Risk model. In this model the Construction Manager (CM) is hired early in the design phase and provides constructability services throughout the design phase. After completion of the constructability phase, the CM will prepare and submit a Firm Fixed Price proposal to execute the construction phase of the project. CNS will then negotiate directly with the CM and if negotiations are successful, the construction scope will be awarded to the CM.

This document has been reviewed by a CNS Dual Authority DC/RO and confirmed to be UNCLASSIFIED and contains no UCNi.

Name: Clayton Holloway

Date: 04/05/2021

CNS eDC/RO ID: 300618

The informational meeting will be held on May 11, 2021 starting at 9:00 AM via Webex. All attendees must provide the following information with their response to the expression of interest:

Full name included middle name (as it appears on their driver's license):

Citizenship:

Clearance Level:

Company they work for:

Position:

Reason for visit:

EMAIL:

If you are interested in participating, provide your company's general qualifications, related experience and your envisioned role by April 27, 2021 at 12 noon to Bryant Bales, bryant.bales@cns.doe.gov or 865-241-6163.