

# Los Alamos National Laboratory Business Opportunity ID# 173

Posting Date: 04/16/2018

Posting Close Date: TBD

North American Industry Classification System (NAICS) code for the request: TBD

Estimated Subcontract/PO Value: TBD

Estimated Period of Performance: TBD

Estimated RFP/RFQ Release Date: 2018

Estimated Award Date: 2018

Competition Type: TBD

Buyer Contact Email: [business@lanl.gov](mailto:business@lanl.gov)

Title: ECSD-ASD Project

## Description of Product or Service Required

### Synopsis:

Los Alamos National Laboratory (LANL) is seeking to:

- 1) identify potential offerors for the technical support services described below;
- 2) select companies to receive a request for proposal;
- 3) determine the feasibility of making the procurement a full or partial small business set-aside.

This sources sought synopsis is for acquisition planning purposes and no formal solicitation exists at this time.

All qualified companies may submit capability statements for consideration.

Capability statements received will be reviewed to determine the technical, administrative, and management capability of such offerors to perform this type of work.

The capability statements will be used to determine an appropriate procurement strategy, in particular whether a set-aside is warranted or an alternate procurement strategy is warranted.

The Enhanced Capabilities for Subcritical Experiments - Advanced Sources and Detectors (ECSE-ASD) project will design and construct a radiographic system (multi-pulse, single-axis linear induction accelerator) that is to be installed at the Nevada National Security Site (NNSS)

The ECSD-ASD project is seeking information regarding corporate capability to provide technical support for the project.

The project is in the conceptual design phase and is scheduled to be complete in 2025 with subsequent system turn over to operations in 2026.

Specifically, the project is seeking personnel with experience working on other accelerator projects, fluid and gas distribution systems, vacuum pumping systems, SCADA systems, pulsed power, or other projects of similar scope. The following types of technical resources will likely be needed to support ECSE-ASD:

- accelerator physicists
- instrumentation and controls engineers
- electrical engineers
- pulsed power engineers
- radio frequency engineers
- magnet engineers
- optical engineers
- mechanical engineers
- electrical designers
- mechanical designers
- drafters

Your package should include the following information:

1. Provide your business name, address, point of contact, phone number and email address.
2. Capability statement - showing recent experience doing this type of work or work similar in scope and complexity. Identify any key subcontractors / partners and their capabilities.

- Current forecasted bid opportunities are subject to change or cancellation due to scope, mission, or funding requirements.
- Some procurements are reserved for small businesses. Note the competition type on the forecast matrix to determine if a procurement has been set aside or is open to fair and reasonable competition.
- Los Alamos National Laboratory reserves the right to change the competition type from Competitive to Set-Aside prior to the release of the Request for Quotation (RFQ).
- If this is a Request for Expression of Interest and capability information is requested with your response, be advised that Laboratory will not issue your organization a Request for Quotation unless you submit clear and convincing information that your organization has the necessary relevant experience and can fulfill the requirements of the statement of work. If you do not adequately address the required information, and the Laboratory Buyer does not have information indicating otherwise, the presumption will be that your organization is not a viable competitor. In any case, the Laboratory Buyer is the final arbiter on who receives an RFQ.