

**REQUEST FOR QUALIFICATION No. ADPM-001**  
**PREQUALIFICATION CRITERIA**  
**Safety-Class Uninterruptable Power Supply Integrator for the TA-55 TRP II Project**  
**Procurement Specialist: Robert Eubank**  
**Due Date: May 31, 2013**

Los Alamos National Security, LLC (LANS) intends to issue a Request for Proposal (RFP) for a Single Integrator to perform detailed design, procurement, installation, and testing of a Safety-Class Uninterruptible Power Supply (UPS) system at the Los Alamos National Laboratory (LANL). In preparation for this RFP, LANL is issuing a Request for Qualification (RFQ) to obtain statements of prequalification from interested firms.

Responses to the RFQ are not binding on either party. The RFQ is being issued for informational purposes only and does not obligate LANS to consider the information for a future RFP or award of a subcontract, if any. Based on the responses to the RFQ outlining the respondents' qualifications and capabilities, LANS will develop a bidders list for potential release of an RFP for the services described herein.

To be deemed prequalified and receive the RFP, a potential offeror must provide documentation that clearly demonstrates its ability to meet each element of the Prequalification Criteria set forth below. All information submitted must be organized in a manner that will allow reviewers to easily locate responses to questions and requirements. Information submitted must directly address the Prequalification Criteria below or it may not be considered. Failure to clearly state how the Prequalification Criteria are met, or failure to respond by the due date, may result in a potential offeror not receiving the RFP.

To support the prequalification evaluation process, provide the following information:

Potential Offeror Name:	
Business Size Classification:	
Address:	
Contact Name:	
Phone Number:	
Fax Number:	
Email Address:	
DUNS No.:	

**Potential Offeror/Teaming Partners/Lower-Tier Subcontractors:**

While all aspects of subcontract performance may be accomplished by a single company, a potential offeror may elect to use teaming partner(s), including lower-tier Subcontractor(s). A determination that a potential offeror is or is not prequalified will be based upon the experience and capabilities of all the potential offeror's teaming partner(s), including lower-tier Subcontractor(s). Any change in the composition of the potential offeror's prequalified team (including business unit changes) will void the potential offeror's prequalification. If a prequalified potential offeror changes its team composition, the potential offeror must provide a new prequalification submission and receive a new prequalification from LANS before any proposal in response to the RFP will be accepted. Vendors providing fabricated safety and non-safety system components are not required to be identified as a teaming partner or lower tier Subcontractor.

A detailed description must be provided of how the potential offeror's team will be comprised, including each company, teaming partner, and lower-tier Subcontractor that would perform any portion of the on-site work, and demonstrate that the team will meet all of the specified Prequalification Criteria below. The description of the scope of work should include a presentation of the team's conceptual approach to project execution by members of the team. In addressing each of the Prequalification Criteria, the potential offeror must clearly identify which teaming partner's experience is being cited, consistent with the potential offeror's planned structure for its bid proposal, and demonstrate how the team will operate as a business entity should it receive a subcontract award. In all cases any Subcontractor(s) will comply with the criteria established herein.

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Evaluation of the experience of the proposed offeror shall be limited to that of the Respondent, lower-tier Subcontractors, and other teaming partners. The experience of parent companies, subsidiaries, or other corporate affiliates will not be considered unless those corporate entities are also a part of the respondent's team and meet all applicable requirements of these Prequalification Criteria. If the supporting information provided at the time a proposal is made does not support a "Yes" answer to any of the Prequalification Criteria questions below, the potential offeror's proposal may be deemed unacceptable and excluded from further consideration.

A secondary intent of this RFQ is to establish the suitability and availability of Subcontractors performing work under ASME NQA-1 compliant programs required for the safety systems associated with this project. A separate RFQ and subsequent RFP is planned to be issued for general construction work required to complete the project but not included in the UPS scope. The scope allocated between the General Contractor and UPS Integrator is not final and subject to change. LANL may consider combining all subcontractor scope including the UPS Integrator Work and General Contractor Work under a single LANL subcontract.

The content of this request may be duplicated as necessary in order to submit responsive data for all teaming partner(s) and teaming Subcontractor(s). Note that the content of this request must also be used by a successful SUBCONTRACTOR to submit data if it proposes to substitute a lower-tier Subcontractor after award.

Data submitted for (Company Name):

This company is proposed as (check one):

- Prime Subcontractor
- Lower-tier Subcontractor
- Teaming Partner

Is this company Large or Small under NAIC Code 236210 Industrial Building Constructions with a Size Standard of \$33.5 Million:

- Large
- Small

What dollar amount is this company's Bonding Capacity?

Value: \_\_\_\_\_

The determination of whether a potential offeror is or is not prequalified will be based upon the capabilities of the company, team or other legal entity that is described in the prequalification submission.

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**Purpose:**

LANS is seeking to establish qualified suppliers for the detailed design and installation of a Safety-Class, Class 1E Uninterruptable Power Supply (UPS) system in accordance with ASME NQA-1 2008 and 2009 addenda and IEEE Std. 344, respectively. This scope includes all activities from detailed design of the UPS through procurement, installation, post installation testing, and dedication (as required) at Technical Area (TA)-55. Design, procurement, installation and testing of all safety-related components must be in accordance with NQA-1 and must be purchased from qualified suppliers that have an NQA-1 program or through Commercial Grade Dedication (CGD) in accordance with NQA-1 a-2009, Subpart 2.14. The SUBCONTRACTOR shall plan, schedule, coordinate, test, inspect and assure effective performance of all aspects of the UPS system as described herein.

LANL intends to issue a separate RFP (excluding work specified herein) for work to be performed by a General Contractor supporting the UPS Project including procurement and installation of the new UPS building, pre-stressed concrete, structural steel, HVAC, fire protection, site utilities, and other ancillary equipment and components required for the facility.

**LANL Inputs to Potential Offerors:**

Qualified Offerors will be provided the following documents in support of this task:

1. Request for Proposal including technical and commercial contract requirements.
2. Preliminary UPS design documentation currently being prepared by LANL including performance specifications and design drawings. The specifications include the required Safety Function(s) that the UPS system must meet.
3. Scope of work and equipment to be provided by Others (by LANL as GFE or General Contractor)

**Project Mission:**

TRP is a National Nuclear Security Administration (NNSA) line item project intended to enhance and revitalize key TA-55 facility infrastructure systems to help ensure continued support to the vital national-security missions that TA-55 and the Laboratory provide. The UPS Facility is located within TA-55 which is north of Pajarito Road and west of Pecos Drive. The Project will upgrade and modernize select TA-55 facility infrastructure systems that have reached or exceeded the end of their design life. One of the subprojects within the scope of the TRP project is the UPS subproject.

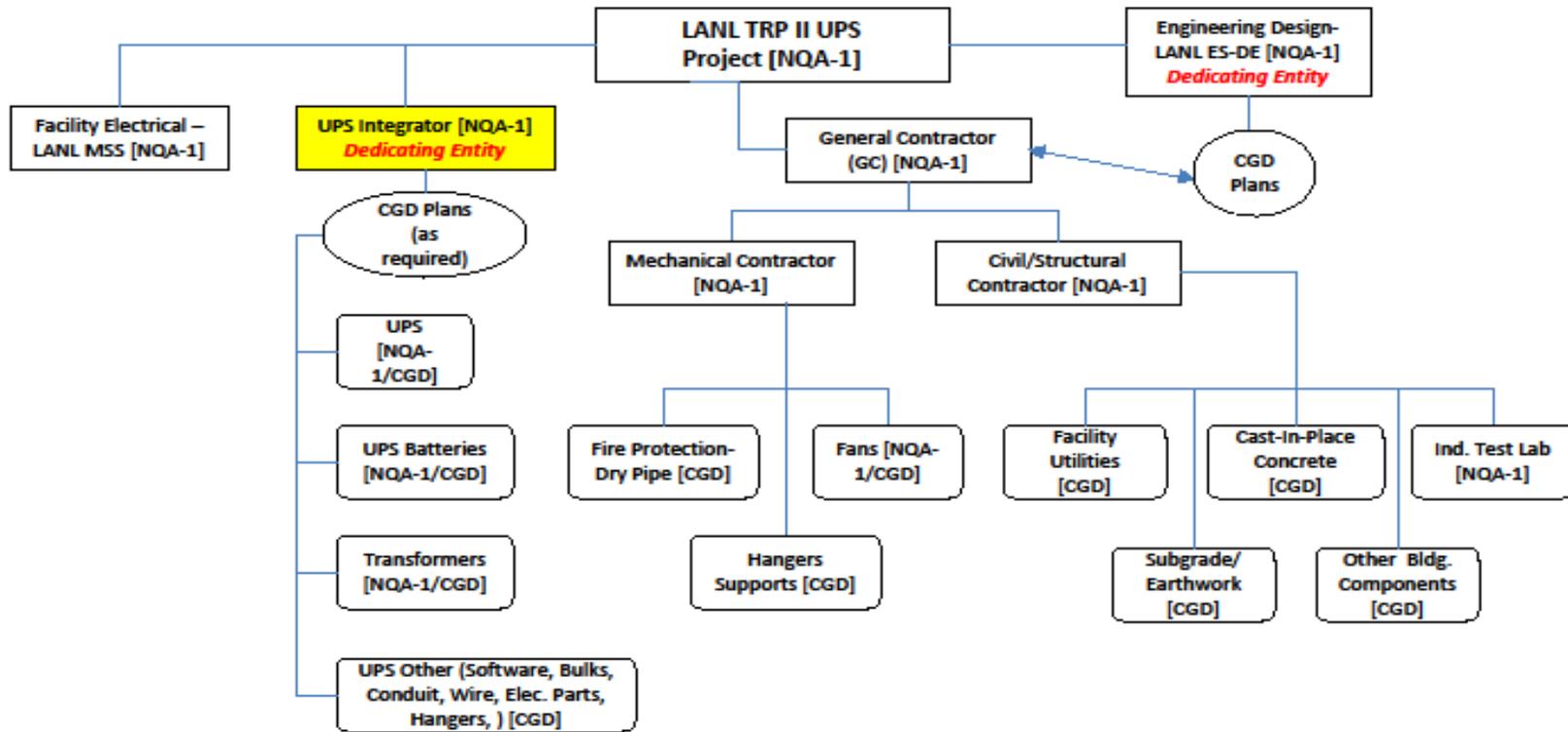
The UPS subproject will provide replacement for the existing UPS system located in the basement of the Plutonium Facility (PF-4). The replacement UPS will be designed and installed as a Safety-Class system and will be housed in a facility located adjacent to PF-8 within TA-55.

SUBCONTRACTOR is expected to contribute to the foregoing goals and objectives in the following manner: SUBCONTRACTOR shall perform the Work safely, in accordance with SUBCONTRACTOR's Environmental, Health and Safety Program and enforces all requirements set forth in Occupational Safety and Health (OSHA) Standards, procure materials, test and inspect fabricated materials to assure compliance with approved specifications and commercial grade dedication plans in accordance with requirements in DOE Order 414.1D, Quality Assurance, as a minimum, and implementing ASME NQA-1-2008/2009a for safety-related structures systems and components (SSCs) and activities in an effort to complete the work with zero accidents and quality performance.

**Project Structure:**

Figure 1 outlines the proposed project structure for the UPS Project. The Project is separated into two primary areas of scope responsibility, 1) UPS SUBCONTRACTOR Work as specified within this RFQ and 2) General Contractor Work with various lower tier Subcontractors as required. Note that the project structure is not final and subject to change.

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**Figure 1 Preliminary UPS Project Procurement Structure**

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**Scope of Work:**

SUBCONTRACTOR shall provide detailed design, procurement, installation, and testing of a Safety-Class Uninterruptible Power Supply (UPS) system at the Los Alamos National Laboratory (LANL). The UPS system will include redundant UPS's, each with its own rectifier/charger, inverter, batteries and power feeds to the panels in the basement of PF-4. The UPS units and battery racks will remain anchored and the batteries shall remain in the racks to enable continued operations of the UPS system during and after the Performance Category (PC)-3 design basis event. Key safety-related components of the UPS system include but are not limited to:

- UPS system operating at an elevation of 7,500 feet above sea level while providing a minimum of 70kVA net output power for at least 2 hours during a loss of normal power. The UPS system shall be Class 1E rated in accordance with IEEE Std. 344, Safety-Class and seismically qualified to PC-3, NRTL labeled, designed and fabricated in accordance with NEMA PE 1. The double-conversion UPS shall consist of UPS module, battery system, battery protective device, system cabinet, internal static bypass transfer switch, external maintenance bypass, controls and monitoring. The UPS system shall be sized to fit within the new UPS building currently being design by LANL including any specified minimum clearances.
- Batteries shall be sized per IEEE Std 1184 Guide for Batteries for Uninterruptible Power Systems to supply the UPS loads with discharge time to end voltage of not less than 2 hours, at 25 degrees C (77 degrees F). Batteries shall be capable of delivering not less than 125 percent of full rated UPS load at initial start-up.
- Power Panels 1 and 2; 277/480v, 3 $\phi$ , 4w, service, 400AF with 600v 400amp frame/225 amp trip molded case main breaker and molded case branch breakers.
- Non Fused Safety Switches 1 and 2; 600v, 3 $\phi$ , 4w, 200AF
- CSD-1 and 2; NEMA 3R, Size 1, 600v, 3 $\phi$ , Full voltage, non-reversing, combination motor starter
- Dry Type Transformers 1 and 2; 480v-120/208v, 3 $\phi$ , 4w, 75kVA
- Power Panels 23A and 23B; 120/208v, 3 $\phi$ , 4w, service, 200AF with 600v molded case main breaker and molded case branch breakers

**Work by Others:**

Others will provide infrastructure and utilities including design and construction of the new UPS building adjacent to PF-8 sized to accommodate redundant UPS inverters, associated batteries, and support utilities. The facility shall be capable of performing its intended function during and after a PC-3 design basis event. The UPS room shall be separated from the battery room. The facility shall include associated utilities including: fire alarm and suppression, HVAC, normal power, lighting, phone, and public address.

- Design and installation of an HVAC system. Two HVAC units will be provided and each will be sized to remove latent heat from the UPS electronics rooms and from the battery rooms; to maintain the facility within the temperature range specified by Institute of Electrical and Electronics Engineers (IEEE) and the National Electrical Code (NEC) to prevent battery and electronics degradation. The second HVAC system is required to maintain ambient conditions for UPS operations during preventative maintenance and or repair of the other HVAC system.

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- Design and install exhaust system independent from the HVAC units to remove hydrogen gas generated by the charging of the batteries.
  - Design and installation of a normal power system. System to be sized for normal operations of the HVAC systems, hydrogen exhaust fans, and lighting systems, and to provide power for the UPS electronics. The power supplies to the two UPS systems will be supplied from Motor Control Centers (MCCs) in PF-4.
  - Installation of a phone communication system shall be provided (extend the system already available in PF-8 or another nearby building, if appropriate and adequate).
  - Installation of a public address communication system shall be provided (extend the system already available in PF-8, if appropriate and adequate).
  - Design and installation of a National Fire Protection Association (NFPA) 72 compliant fire alarm system as well as NFPA 2002 clean agent plus NFPA 13 sprinkler based fire suppression systems.
  - Design and installation of all hardware and/or software modification to the TA-55 Facility Control System (FCS) necessary to fulfill the requirements described within this document.
  - All work required within existing TA-55 facilities including PF-4 and PF-8.

**Deliverables**

Selected firm(s) will be responsible for the following deliverables:

1. Draft and final design and construction documents for review and approval by LANL for the UPS system including but not limited to calculations, specifications, drawings, test and inspection plans. Design of the UPS system will require close coordination with LANL and the selected General Contractor.
2. Commercial Grade Dedication (CGD) Plans for safety-related items to be procured from suppliers that do not have NQA-1 compliant programs. CGD Plans shall be in accordance with NQA-1 2009 addenda, Part II Subpart 2.14 and SUBCONTRACTORS approved QA program and procedures. CGD Plans shall be supported by Technical Evaluations including Failure Modes and Effects Analysis as required to provide reasonable assurance that the item (upon dedication) will perform its safety function. CGD Plans shall include recommendations for acceptance methods and acceptance criteria, e.g., CGD Methods 1-4 as delineated in NQA-1 2009 addenda Part II Subpart 2.14.
3. Preparation of procurement documentation including Requests for Quotation, Engineered Equipment Procurement Specifications and the subsequent Purchase Orders.
4. Testing and Inspection Plans including the performance of any tests or inspections conducted as the dedicating entity.
5. Performance of all CGD evaluations, tests, and acceptance activities (as required) including associated documentation. The UPS Integrator will be the "Dedicating Entity" per ASME NQA-1, Part II, Subpart 2.14 for all safety-related equipment associated with the UPS system procured as commercial grade (from non-NQA-1 suppliers) .
6. Preparation for and performance of receipt inspection at the job site including all required documentation.
7. Verification of Inspector qualifications or other qualifications required for the fabrication and acceptance of Critical Characteristics.
8. Identification of Special Processes and acceptance methods including training, etc.

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9. In process acceptance of Critical Characteristics including those performed in other locations, e.g., Factory Acceptance Testing, Commercial Grade Surveys, Source Verifications, etc.
10. Formal submittal of all related procurement (including CGD Plans, Inspection Plans, Commercial Grade Survey Plans, and Source Verification Plans), training, qualification, calibration, testing, inspection, acceptance and other submittal documentation required by specifications or other Contract Documents.
11. Packaging, shipping, receiving, storage, and handling in accordance with ASME NQA-1, 2008/2009 addenda requirements.
12. Installation and testing of the UPS system within the facility. SUBCONTRACTOR shall provide a fully functional UPS system in accordance with approved drawings and specifications, QA program and procedures, and other Contract Documents.

**Quality Assurance Criteria:**

All Laboratory organizations, including this project, are required to implement SD330 which is the DOE approved Los Alamos National Laboratory Quality Assurance Program. In accordance with SD330, TRP II will implement American Society of Mechanical Engineers (ASME) NQA-1 2008, along with the 2009 addenda, as the consensus standard for nuclear-related activities.

Work conducted by Subcontractors at all tiers shall meet the Project QA requirements as defined herein. Prime Subcontractors to LANL performing safety-related work under the requirements of their own QA program shall have been evaluated by the LANL Quality and Performance Assurance Division and listed on the Laboratory's Institutional Evaluated Suppliers List (IESL) prior to subcontract award. The consensus standard that shall be flowed down to all Subcontractors performing quality affecting work for this project is ASME NQA-1 2008, with the 2009 addenda.

This project will require all 18 Requirements of Part I as applied in a graded manner. As a minimum Part II Subpart 2.7, *Quality Assurance Requirements for Computer Software for Nuclear Facility Applications* and Part II Subpart 2.14, *Quality Assurance Requirements for Commercial Grade Items and Services*, will be required. All other requirements of Part II must be considered for inclusion based on applicability to project scope. Non-mandatory Appendices Part III and Part IV are not required but may be considered for inclusion at the discretion of the Supplier.

This project must also comply with DOE Order 414.1D, *Quality Assurance, Attachment I, Contractor Requirements Document DOE O 414.1D, Quality Assurance*; Attachment II, *Quality Assurance Criteria*; Attachment III, *Suspect Counterfeit Items Prevention*; and Attachment IV, *Safety Software Quality Assurance Requirements*.

The Prime SUBCONTRACTOR must demonstrate a Quality Assurance Program that is compliant with the above requirements or a program that can become compliant with the above requirements. Sub-tier Subcontractors of the Prime performing quality affecting work must be evaluated and qualified by SUBCONTRACTOR in accordance with ASME NQA-1 or dedicated by SUBCONTRACTOR as Commercial Grade items or services in accordance with ASME NQA-1, Part II, Subpart 2.14.

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**Project Schedule**

The UPS subproject is being implemented in accordance with the following target schedule milestones:

- Issue RFP for UPS Integrator: July 2013
- Notice to Proceed Engineering: November 2013
- Notice to Proceed Fabrication: February 2014
- Delivery On-Site: December 2014
- Installation Complete: March 2015

**Location of the Work:**

Project Location: TA-55 TRP UPS Building Project TA-55, Los Alamos National Laboratory, Los Alamos, New Mexico

**Subcontract Type:**

Firm Fixed Price Subcontract

**Targeted Period of Performance:**

- Award: DOE FY14
- One Year

**Socio-Economic Set-Aside:**

N/A

**NAICS Code:**

236210 Industrial Building Constructions with a Size Standard of \$33.5 Million

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**PREQUALIFICATION CRITERIA:**

Answer the following questions in the affirmative only if the potential offeror can demonstrate successful performance within the past five years. The potential offeror, its teaming partners, including lower-tier Subcontractors, as appropriate, must be able to answer "yes" and provide adequate support for each of criterion listed below to be considered prequalified to receive the RFP issued as a result of this Prequalification Request. If the potential offeror and its teaming partners base any of their qualifications on "equivalent" non-DOE experience, supporting documentation shall clearly crosswalk that experience to the specific DOE guidance or requirements contained in the documents cited in the criterion below.

LANS may elect not to prequalify a potential offeror that has relied too heavily on lower-tier subcontractors to satisfy all Prequalification Criteria.

1. Does the Respondent have an Environment, Safety & Health Plan that complies with 10 CFR 851 Worker Safety & Health Program?  
 Yes                       No
  
2. Do the Respondent and Lower-tiers have an Experience Modification Rate of 1.0 or less; Total Recordable Injury/Illness Case Rate of 3.2 or less; and DART Case Rate of 1.4 or less? Refer to Appendix 1.  
 Yes                       No                       By Respondent's Firm  
 Yes                       No                       By Lower-tier Subcontractors
  
3. Do the Respondent and Lower-tier Subcontractors have demonstrated construction industry experience for a minimum of 5 years for the Respondent and 3 years for the lower-tier Subcontractors?  
 Yes                       No                       By Respondent's Firm  
 Yes                       No                       By Lower-tier Subcontractors
  
4. Do the Respondent and/or Lower-tier Subcontractors have demonstrated experience with installation of nuclear safety systems? This criterion is an inquiry and will not be included as qualification requirements.  
 Yes                       No                       By Respondent's Firm  
 Yes                       No                       By Lower-tier Subcontractors
  
5. Has this candidate performed safety system related work at a DOE or NRC Nuclear facility?  
 Yes                       No                       By Respondent's Firm  
 Yes                       No                       By Lower-tier Subcontractors
  
6. Has this candidate developed a Quality Assurance Program compliant with ASME NQA-1 2008/2009 or previous version, e.g., NQA-1 2000?  
 Yes                       No                       By Respondent's Firm  
 Yes                       No                       By Lower-tier Subcontractors
  
7. Has this candidate performed work in an NRC Licensed facility compliant with 10 CFR part 50 Appendix B?  
 Yes                       No                       By Respondent's Firm  
 Yes                       No                       By Lower-tier Subcontractors

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8. Does this candidate have a Quality Assurance program compliant with 10 CFR 830 Subpart A?

Yes

No

By Respondent's Firm

Yes

No

By Lower-tier Subcontractors

9. Does this candidate have a Quality Assurance program compliant with DOE Order 414.1D (or earlier version, 414.1C)?

Yes

No

By Respondent's Firm

Yes

No

By Lower-tier Subcontractors

10. Does this candidate have a Suspect Counterfeit Items program?

Yes

No

By Respondent's Firm

Yes

No

By Lower-tier Subcontractors

11. Has the Candidate successfully demonstrated a commercial grade dedication of items or services in accordance with any of the following requirements (please note which process(es) were used):

- 1) ASME NQA-1 2008/2009 Part I, Introduction Section 400, Definitions.
- 2) ASME NQA-1 2008/2009 Part I, Requirement 3, Design, Control.
- 3) ASME NQA-1 2008/2009 Part I, Requirement 7, Control of Purchased Items and Services.
- 4) ASME NQA-1 2008/2009 Part II, Subpart 2.14, QA Requirement for Commercial Grade Items and Services.
- 5) EPRI NP-5652 Guideline for the Utilization of Commercial Grade Items in Nuclear Safety-Related Applications
- 6) Other, please describe

Yes

No

By Respondent's Firm

Yes

No

By Lower-tier Subcontractors

12. Has the Candidate and Lower-tier Subcontractors worked in accordance with ASME NQA-1 projects that meet ASME NQA-1 2008 Quality Assurance Requirements for Nuclear Facility Operations, and the Addenda to ASME NQA-1 2008 (ASME NQA-1a-2009). List when and where. (Use a separate page to describe the NQA-1 projects including scope).

Yes

No

By Respondent's Firm

Yes

No

By Lower-tier Subcontractors

13. Has the Candidate successfully performed CGD for items and/or services for a safety-related system or component in a regulated or licensed nuclear site. Provide two examples of CGD item and two examples of CGD service dedication including scope description and Total Project Cost of CGD activities.

Yes

No

By Respondent's Firm

Yes

No

By Lower-tier Subcontractors

14. Has your firm successfully demonstrated a Software Quality Management process in accordance with any of the following requirements (please note which process(es) were used):DOE Order 414.1D Attachment

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4, Safety Software Quality Assurance Requirements ASME NQA-1 2008/2009 Part II, Subpart 2.7, Quality Assurance Requirements for Computer Software for Nuclear Facility Applications.

Please list all that apply and number of software programs implemented including a brief description of scope.

Yes

No

By Respondent's Firm

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**Documentation of Direct Relevant Experience:**

Provide a reference list of example contracts/projects that demonstrate the directly relevant contract/project experience to support each of the foregoing Prequalification Criteria. Example contracts/projects should be detailed as to both the technical scope of the contract/project and the potential offeror's participation therein. In the case of a teaming arrangement, or where lower-tier Subcontractors would play a significant role in the performance of this subcontract, a separate list must be submitted for each entity, as applicable, to document such experience. Each reference will include an explanation of relevance and a crosswalk to the specific Prequalification Criteria being addressed by that contract/project.

Include the following information on each contract/project, as a minimum:

- Entity seeking Prequalification:
- Expected Role in this Subcontract:
- Client Name, Address, Contact and Telephone Number:
- Work Description:
- Value:
- Location:
- Commencement/Completion Dates:

**PREQUALIFICATION SUBMITTAL**

**Note: All information submitted in response to this Prequalification must be submitted by the potential offeror.**

The potential offeror's Prequalification documentation submittal is to be submitted (one hard copy, one electronic copy, and one on CD-ROM) to the Procurement Representative not later than 3:00 p.m. Mountain Time, May 31, 2013. The CD-ROMs shall be in searchable electronic format. The CD-ROM may be sent via U.S. Postal Service or other delivery service (e.g., Fed-Ex, UPS, DHL, etc.), but must be received by the due date to be considered.

Submittals sent via U.S. Postal Service should be addressed as follows:

Los Alamos National Security LLC  
P.O. Box 1663, Mail Stop M984  
Los Alamos, New Mexico 87545  
Attention: Robert Eubank  
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Submittals sent via other delivery services or those to be hand carried should be addressed as follows:

Los Alamos National Security LLC  
Pajarito Complex, 3400 Arizona Avenue, Suite 141  
Los Alamos, New Mexico 87544  
Attention: Robert Eubank  
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Questions may be addressed to the responsible Procurement Representative at:

E-mail: reubank@lanl.gov

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**ATTACHMENTS**

Attachment No. 1 – Safety Performance Eligibility Worksheet  
Attachments No. 2 – Environment, Safety, and Health Worksheet

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**Attachment 1**  
**Safety Performance Eligibility Requirements**

LANS policy requires that all work performed at LANL must be conducted in a manner that protects workers, the public, and the environment. The objective of this policy is to establish a consistent, site-wide approach to worker protection by incorporating safety and health into daily activities. To support the effective implementation of this policy, firms should have a demonstrated safety performance equal to or lower than the following standards:

<b>Statistical Standards</b>		
<b>Experience Modification Rate</b>	The "EMR" is a number that is assigned to your company based on the insurance premium you pay and your loss statistics. Contact your insurance company for these numbers.	Maximum Allowable Average:  <b>1.00</b>
<b>Total Recordable Injury/Illness Case Rate</b> (from Company OSHA 300 log)	Rate = $\frac{\text{Total Recordable Injuries/Illnesses} \times 200,000}{\text{Total Employee Hours Worked}}$	Maximum Allowable Average:  <b>3.2</b>
<b>DART Case Rate</b> (Days Away From Work, Restriction, or Job Transfer) (from Company OSHA 300 log)	Rate = $\frac{\text{Total Days Away/Restricted/Transferred Work Day Cases} \times 200,000}{\text{Total Employee Hours Worked}}$	Maximum Allowable Average:  <b>1.4</b>

Firms must submit a properly executed Environment, Safety, and Health Worksheet (Attachment 2) along with a letter from their Worker's Compensation Insurance Carrier certifying their Experience Modification Rate (EMR) performance. If any of the maximum allowable averages shown above is exceeded, the firm must provide information that clearly explains the excessive rate and demonstrates that the anomaly causing that excess was not easily preventable using sound safety practices.

If a firm is a joint venture, association, consortia, or partnership that has fewer than three years of demonstrated safety and/or environmental performance, each entity comprising the joint venture, association, consortia, or partnership must submit a properly executed Environment, Safety, and Health Worksheet (Attachment 2), along with a letter from their Worker's Compensation Insurance Carrier certifying its Experience Modification Rate (EMR) performance.

Any response received from a firm which does not provide the ES&H Worksheet(s), which exceeds any of the stated maximum allowable averages without an acceptable rationale, or which has fewer than three years of demonstrated safety and/or environmental performance, may, at LANS' sole discretion, be considered unacceptable.

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**Procurement Specialist: Robert Eubank**  
**Due Date: May 31, 2013**

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**Attachment 1**  
**Safety Performance Eligibility Requirements**

If a firm intends to use lower-tier Subcontractors to perform elements of the Scope of Work, those lower-tier Subcontractors must also meet the maximum allowable averages specified above. The firm to whom a subcontract is awarded (i.e., Subcontractor) shall be responsible for ensuring that all of its lower-tier Subcontractors meet the maximum allowable average safety performance eligibility requirements. When requested, the SUBCONTRACTOR must demonstrate to LANS' satisfaction that its lower-tier Subcontractors meet the maximum allowable average safety performance eligibility requirements. If any prospective lower-tier Subcontractor does not meet one or more of the maximum allowable average safety performance eligibility requirements, the use of that lower-tier SUBCONTRACTOR must be evaluated and approved by both the SUBCONTRACTOR and LANS before it can perform any work.

**REQUEST FOR QUALIFICATION No. ADPM-001**  
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**Attachment 2**

**ENVIRONMENT, SAFETY AND HEALTH WORKSHEET**

Subcontractor Name:

Worksheet completed by:

Date:

LANS Proposed Subcontract/Prequalification Number: ADPM-001

<b>1. Experience Modification Rate (EMR)</b>		
List your firm's Interstate EMR for the past three (3) years and total hours worked.		
Year:	EMR:	Hours Worked:
Year:	EMR:	Hours Worked:
Year:	EMR:	Hours Worked:
3-year average:		
If the state where the jobsite is located has an EMR rating system, provide the state EMR for the past three (3) years and the total hours worked.		
Year:	EMR:	Hours Worked:
Year:	EMR:	Hours Worked:
Year:	EMR:	Hours Worked:
3-year average:		
<b>2. Total Recordable Case (TRC) and Days Away/Restricted/Transferred Case (DART) Rates</b>		
List the cumulative injury statistics rates for the past three (3) years using the BLS formula to determine recordability.		
Year:	TRC:      DART:	Hours Worked:
Year:	TRC:      DART:	Hours Worked:
Year:	TRC:      DART:	Hours Worked:
3-year average TRC:                      DART:		
Attach copies of the OSHA Annual Summary Logs (OSHA's Form 300A) for the three most recent years and a current year OSHA 300 Log for the months during the period since the last annual report.		
Any OSHA fine(s) over the past three (3) years?                      If yes, provide a written explanation on an attachment to this form.		
<b>3. Fatalities</b>		
Any fatalities within the last three (3) years?                      If Yes, list total number of fatalities:                      , and provide a written explanation for each fatality on an attachment to this form.		

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4.	<b>Bureau of Alcohol, Tobacco, and Firearms violations</b>																				
Any Bureau of Alcohol, Tobacco, and Firearms violations within the last three (3) years? If Yes, list the number: _____, and type of violations: _____.																					
5.	For companies exempt from record keeping requirements per 29 CFR 1904.1 (ten or fewer employees), complete items 1 and 3 above and summarize the cause of the injuries/illnesses for the past three (3) years, including the current year, on a separate attachment to this form. Additionally, include corrective actions taken to prevent re-occurrence.																				
6.	Check your type of work for the most recent 3 year period: <input type="checkbox"/> Non-Residential Building, include dates: <input type="checkbox"/> Heavy (Non-Highway) Construction, include dates: <input type="checkbox"/> Mechanical, include dates: <input type="checkbox"/> Electrical, include dates: <input type="checkbox"/> Other (State type and date):																				
7.	List key Safety and Health personnel planned for this project. Please list name, expected position and safety performance on last three projects (Total Recordable Case and Days Away Restricted Transferred (DART) rates). Provide a resume if required by the Request For Proposal. <table border="1"><thead><tr><th>NAME</th><th>POSITION</th><th>PROJECT</th><th>TRC</th><th>DART</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>	NAME	POSITION	PROJECT	TRC	DART															
NAME	POSITION	PROJECT	TRC	DART																	
9.	<b>Environmental Record</b>																				
Has your firm been subject to any environmental enforcement proceedings before a federal or state agency within the last five (5) years? If Yes, for each proceeding: provide the name of the agency, the nature of the proceeding, the charge(s), and the result on an attachment to this form.																					
Has your firm violated or exceeded any federal or state environmental standard, requirement, regulation or statute within the last three (3) years? If Yes, for each violation give a brief description of the nature of the violation on an attachment to this form.																					

**NOTE: This form is for evaluation purposes only and will not be a part of a Subcontract.**