LANL Virtual Supplier Forum

Tamara Greenwood
ASM – LANL Supplier Management, Manager

May 18, 2022
Agenda

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May 18, 2022

Topics

(5 min) Introduction

(15 min) Plutonium Modernization Operations and Waste Management Office Building (PMOC-1)

(15 min) Waste Characterization for Construction, Renovation, and Demolition Projects

(10 min) LANL Subcontractor Update-COVID Vaccination

(10 min) Reps & Certs

(20 min) Accepting a PO in Ariba

Tamara Greenwood
Supplier Management, Manager

Jordan Caddick
Project Manager, Capital Projects

Jennifer Green
EPC-Waste Management Programs

Linda Jones
Global Process and Compliance Owner

Andrew Moran
Supplier Management

Richard Martinez
Supplier Management
Plutonium Modernization Operations and Waste Management Office Building (PMOC-1)

Jordan Caddick, Project Manager

May 18, 2022
PMOC-1 Building

- 100% classified office building
- 50k-75k sq ft
- 200-300 occupants

- KPP-1 100% classified workstations
- KPP-2 conference rooms capable of conducting class/unclass Video Teleconferences at 30 net square feet/occupant
PMOC-1 Site

- First of five buildings in the Pajarito Corridor
- LANL envisions a prototypical, site-adaptable design for all 5 buildings
- Exploring performance-based options to award remaining 4 buildings
PMOC-1 Site

Viewpoint of above photo
PMOC-1 Innovations

- ProtoSTAR design criteria
  - Streamlined version of typical LANL design standards

- Innovative building approach
  - Tilt wall
  - Modular
  - Bolted steel structure, corrugated steel decks, panelized/glazed exterior

- Open office, university/collaborative environment
  - Utilize modular furniture similar to LANL Otowi building, or most commercial office buildings
  - Flexible, customizable for changing mission needs over the next 50 years

NNSA Direction:

- Streamlined LANL overhead
- Industry standard construction
- Exempt from DOE O 413.3B
PMOC-1 Challenges and Solutions

• 2019 = 75K sq ft, 300 occupants, 3-4 stories, hard walled offices
• 2022 = 50-75K sq ft, 200-300 occupants, 3-4 stories, open offices
  Balance mission needs with inflation and supply chain impacts

• Flexible, collaborative, configurable office for changing mission needs
  Partner with experienced DB firms for innovative design solutions

• Balancing dynamic client (ALDWP) requirements and market conditions
  Subcontractor / LANL to work together during design development
PMOC-1 Successful Start

- Completing Project Execution Plan (PEP) to show how LANL is doing business differently – streamlined approach
- Request for Information to industry generated positive results
- NNSA NA-50, WIPO, ALDWP support, attention and interest
- Leveraging IPT prior networks to generate new interest
- Advanced GPR – UI / EES-17 (geophysics) effort

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Award DB Contract</td>
<td>Oct-22</td>
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<tr>
<td>Final Design Complete</td>
<td>Mar-23</td>
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<tr>
<td>Project Execution Plan Complete</td>
<td>Mar-23</td>
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<tr>
<td>Construction Mobilization</td>
<td>Jun-23</td>
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<td>Project Execution 50% Complete</td>
<td>Feb-24</td>
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<tr>
<td>Construction Complete</td>
<td>Nov-24</td>
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<tr>
<td>Start of Operations</td>
<td>Feb-25</td>
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<tr>
<td>Project (Financial) Closeout</td>
<td>May-25</td>
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Q: What does PMOC-1 need to succeed?

A: YOU!
Questions?
Waste Characterization for Construction, Renovation, and Demolition Projects

Jennifer Green
EPC-Waste Management Programs

May 18, 2022

LA-UR-22-24499
Setting the Stage

- Applicable Laboratory Policy: P409, *LANL Waste Management*
- Specific procedure: FSD-P409-0302, *Site Characterization for Construction, Renovation, and Demolition*
- During the project planning phase, LANL personnel complete a Permit and Requirement Identification (PRID) document
  - Identifies the need for site characterization and starts the process
  - Allows for the assignment of a LANL waste generator and LANL Waste Management Coordinator
  - Initiates the Waste Characterization Strategy Form
Review Databases and Gather Documentation

- ARCHIBUS to determine the age of the building
  - If prior to 1980, PCBs and lead-based paint are possible
  - If prior to 1990, asbestos is possible
- GIS to determine if the project is in potentially contaminated areas
  - Consent Order Sites (a.k.a. PRSs), environmental radioactivity areas, etc.
- PRS Database for historical site information
- Asbestos Inventory Database to see if asbestos is identified in the building and/or room
- Beryllium Inventory List to see if beryllium is present
- WCATS to identify historical wastes
- EPC databases for waste storage sites, chemical inventory, etc.
Site Walk-Down

• During Site Walk Down:
  − Determine anticipated waste streams for the project
  − Identify any staining/other contamination not found in the gathered documentation
  − Identify any other unforeseen hindrances to site characterization

• After Site Walk Down:
  − Document anticipated waste streams in the project’s Waste Characterization Strategy Form (WCSF) or Waste Certification Statement
    ▪ WCSFs are typically required for more complex projects (in terms of waste characterization)
    ▪ Waste Certification Statements are typically used for more straight-forward projects
Characterization Strategy

- Waste characterization strategies:
  - Acceptable Knowledge (AK)
  - Sampling and Analysis (when AK is insufficient)

- AK may be used in lieu of sampling if complete and properly documented
  - documented process knowledge, standard operating procedures, safety data sheets, safety analysis reports, etc.

- Sampling and analysis by approved methods is the most defensible means of waste characterization
  - May be used to confirm, supplement, or bound AK
  - If using sampling approach, develop a Sample and Analysis Plan (SAP) to ensure that quality, legally defensible data is produced

- Characterization approach for each potential waste stream is documented in the WCSF/Waste Certification Statement
Resulting Documentation

• WCSF or Waste Certification Statement
  – WCSF covers sampling, characterization, packaging, storage, and final disposition options for each potential waste stream

• Sample and Analysis Plan (SAP), if sampling and analysis is utilized for characterization
  – SAP implementation ensures that 1) approved analytical methods are used and 2) off-site disposal facilities will accept the project’s analytical data

• These documents will be utilized to characterize and manage any waste streams produced throughout the duration of the project.

• If any unanticipated waste streams are generated during the project, the WCSF will be amended to ensure all waste is covered.
Getting Help

• Assigned LANL waste generator
• Assigned LANL Waste Management Coordinator
• Assigned LANL Deployed Environmental Professional
• Project specific waste management information
  − Waste Characterization Strategy Form or Waste Certification Statement
• LANL policies and procedures
  − P409, LANL Waste Management
  − FSD-P409-0302, Site Characterization for Construction, Renovation, and Demolition
  − FSD-P409-0301, Waste Characterization Strategy Form Preparation
  − AP-P409-0303, Waste Sample and Analysis Plan Procedure
• Subject Matter Expert (SME) support
  − WMC-Help@lanl.gov (Waste Generator Services Group)
  − wmmanage@lanl.gov (Waste Management Programs Group)
Questions?
LANL Subcontractor Update COVID Vaccination

Linda Jones
Global Process and Compliance Owner

May 18, 2022

LA-UR-22-24611
ASM-DO
Letter dated
May 6, 2022
Triad has resumed site access for unvaccinated Subcontractor Employees who have valid religious or medical exemptions

Exemption subject to adherence to LANL’s COVID Policy related to on-site work:

If you have employees that fall into this category you will need to provide the following information to the Subcontract Technical Representative (STR) identified in your Triad Subcontract prior to requesting site access (i.e., badge request).

Email addressed to the Subcontract Technical Representative in your Subcontract certifying that the unvaccinated subcontractor employee for whom you request site access, has an approved religious and/or medical exemption granted by your company. Triad will not provide exemptions for your employees and will not review the exemptions for your employees. We only need certification that you have granted a religious and/or medication exemption in accordance with your company’s policies.

• Acknowledgement that granting of site access is conditioned on:
  o A negative PCR COVID-19 test taken no more than 72 hours before initially coming on-site. You are responsible for the provision of this test and for maintaining a record of such test and it should not be provided to Triad unless specifically requested by the STR.
  o Weekly PCR testing, you are responsible for the provision of this test and for maintaining a record of such test and it should not be provided to Triad unless specifically requested by the STR.
  o Use of approved face coverings when on-site
  o Completion of mandatory online training prior to accessing the site. Completion of Attachment A. Return-to-Worksite Screening Daily Self-Assessment (Rev. 28)\(^1\) each day prior to coming on site.
Reps and Certs

Andrew Moran
ASM – Supplier Management

May 18, 2022

LA-UR-22-24626
Representations and Certifications

**What are they?**

- Representations & Certifications (Reps & Certs) provide verification of several items from both the prime contractor and their subcontractors. These items include:
  - assurance that LANL’s and their clients’ interests are protected
  - laws relating to ethical conduct are adhered to
  - cost or pricing data are properly disclosed
  - socioeconomic and environmental programs are initiated and maintained appropriately
  - are also required to ensure the necessary information is obtained to adequately establish a business relationship, i.e. TIN/EIN, business type and classifications and addresses
Reps & Certs Process in Ariba

- LANL will now be collecting this data in Ariba
  - Once completed, it remains active for one year and must be renewed annually.
    - This makes renewing easier for you. If nothing has changed, you just hit “Submit”
  - If you have already completed your Reps & Certs outside of Ariba, you will eventually have to complete this again in Ariba
  - Gives LANL the ability to gain better data on your socioeconomic status
  - Also to ensure our small business partners are certified and identified correctly
    - This helps our buyers find your company easier!
Rcps & Certs in Ariba

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Reps & Certs in Ariba
Accepting a PO in Ariba

Richard Martinez
ASM – Supplier Management

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