

Value Proposition

L&A is a powerful asset to have on your team when considering initiation of any capital asset and general plant project. L&A has highly experienced associates in construction management and general contracting. L&A can offer a continuum of services from project inception, through design, construction, testing, startup and commissioning.

In a contracting environment, where the tendency is to take capital project execution and carve it out from the M&O contracts, L&A has the capability, as part of your team to provide independent execution of capital asset projects and help the M&O contractor maximize earned fee.



Capabilities

L&A associates have managed multi plant nuclear utilities, managed involvement in DNFSB and NRC interactions, performed alternatives analyses for numerous capital projects, prepared CD documentation for projects up to \$400 million, participated in design teams for major DOE projects, assisted managed improvement process for some of the largest projects in the enterprise, and performed ORR and contractor readiness assessments.

We have a projects services team to provide a one-stop shop to M&O contractors throughout the enterprise for capital asset projects within the M&Os responsibilities.

L&A can take the project from mission needs definition through project commissioning with highly experienced professionals at a fraction of the cost. L&A has an established Professional Services Schedule (PSS) with GSA that allows M&O contractors direct access to us, with rates that are pre-approved for work on any federal project. L&A can provide high-level experience in any of the following functional areas:

- Mission needs development and definition
- Analysis of Alternatives
- Cost estimating and life cycle cost assessments
- Project scheduling and baseline development
- Implementation of all DOE O 413.3B requirements
- Preparation of all Critical Decision (CD) documentation at all stages of the project
- Conceptual design (in association with our design partners)
- Preliminary and Final Design (in association with our design partners)
- Project Management
- Construction Management
- Project Controls
- Project completion walk-downs

LONGENECKER & ASSOCIATES, INC.

www.Longenecker-Associates.com

Office Locations: Las Vegas, NV; Washington, DC; Idaho Falls, ID; Richland, WA; Oak Ridge, TN
Northern New Mexico; Aiken, SC; Vienna, Austria



Project Experience

Either as a member of an M&O team or under contract to any M&O throughout the enterprise, L&A brings unequaled experience and expertise to the table and can provide the team of specialists you need to deliver on any capital asset project, start to finish.

Mission Need Statements Generated:

- Consolidated Emergency Operations Center (CEOC) at Forrestal Building
- Above Ground Storage Capabilities Project
- Analysis of Alternatives Performed:
- Administrative Support Complex (ASC) at Pantex
- Nuclear Chemical Manufacturing Collaborative (NCMC) at Savannah River Site
- Lithium Production Capability (LPC) at Y-12
- Emergency Operation Center (EOC) at Y-12
- Fire Station at Y-12
- Tritium Production Capability at SRS
- Livermore Valley Open Campus (LVOC)
- NNSA Albuquerque Complex Project (NACP)
- TRU Waste Volume Calculation methods for WIPP
- Above Ground Storage Capabilities Project
- Surplus Plutonium Disposition Dilute & Dispose Option

Capital Asset Critical Decision (CD) Packages Developed:

- WIPP Permanent Ventilation System
- CEOC at Forrestal Building
- WIPP Above Ground Storage Capabilities project
- New Filter Building - WIPP
- NNSA Albuquerque Complex Project
- Y-12 Fire Station Acquisition Strategy
- Tritium Production Capability CD-1 (In-progress)

Design Packages Developed:

- WIPP Permanent Ventilation System
- New Filter Building Preliminary and Final Design
- Above Ground Storage Capabilities Project

Critical Decision (CD) Packages Reviewed:

- CMRR CD-3A
- UPF CD-3A
- HEPF CD-3
- LANL REI2
- LANL PEI1
- LANL TRU Liquid Waste
- LANL Substation replacement

Design Packages Reviewed:

- CMRR Site Development
- UPF Site Development
- TRU Waste Storage LANL
- Rad Liquid Waste Processing LANL
- High Explosives Pressing Facility (HEPF)
- High Explosives & Sciences (HESE)
- RULAB Equipment Installation #2 (REI2) LANL
- Plutonium Equipment installation #1 (PEI1) LANL
- Substation Replacement LANL
- Y-12 Calciner Design Review
- Y-12 Emergency Operations Center Design Review

Construction Management Programs:

- Enterprise Construction Management Services Contract – NA-APM-20

Readiness Assessments Performed:

- Y-12 Pantex Transition
- High Explosives Pressing Facility

Operational Readiness Reviews Performed:

- High Explosives Pressing Facility

Projects Closed out:

- HEPF Project Closeout Support Services



Longenecker & Associates is a woman-owned small business, delivering mission assurance, project delivery and business strategy and implementation services throughout the DOE complex. L&A combines the specialized expertise and flexibility of a traditional consulting firm with the financial strength, capabilities, geographic reach and operational experience of a much larger company. L&A is an industry leader for complex, high hazard projects and operations.