

# **Lawrence Berkeley National Laboratory (Univ. of California)**

## **I. Summary Description**

### Conceptual through 100% Title 2 Design

Environment, Health and Safety (EH&S) discipline Subject Matter Experts (SMEs) and EH&S Team Leader join integrated project team to lead hazard identification and analysis process and support value added design attributes. Ensures safety in design criteria and carries into subcontract formation.

### Pre-bid Qualification

Includes safety program and performance criteria. Safety rating in pre-bid qualification can:

- (1) make subcontractor ineligible to submit bid proposal,
- (2) eliminate subcontractor from vendors list, and
- (3) allow subcontractor to bid if minimum requirements or better are met.

### Bid Submittals

Subcontractor safety submittals grading weighs 30% in final selection process.

### Subcontract Award

Subcontractor Safety and Health Plan – Capital, noncapital and general plant project construction subcontracts (>\$50,000) require subcontractor project-specific Safety and Health Plan submittal to Lawrence Berkeley National Laboratory (LBNL) for review and sign off. Contractor Safety and Health plan must include hazard analysis.

Subcontractor EH&S Professional – Subcontractor provides EH&S professional for project EH&S management and direct project oversight. Subject to LBNL acceptance.

Subcontractor/Vendor Pre-job Safety Checklist – Construction subcontracts or purchase orders (<\$50,000) submit abbreviated safety plan Pre-job Safety Checklist for review by LBNL construction safety engineer.

### Construction

Subcontractor Hazard Analysis – LBNL Hazard analysis submittal requirements prior commencement of work.

LBNL Inspections – LBNL Facilities inspections department includes QA and construction safety engineering inspectors.

Incentives – Currently evaluating best approach to subcontractor incentive system.

## **II. Point of Contact (POC)**

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## **III. Contact the POC for a copy of the listed reference documents.**

- Facilities Department Project and Design Management Procedures Manual
- PUB 811 – Handbook of Safety Policy, Requirements, and Technical Guidance (ISM for Employees, Contractors, Participating Guests, and Visitors)
- PUB 3000 – Health and Safety Manual, Chapter 10, Construction Safety
- PUB 3140 – Integrated Environment, Health & Safety Management Plan ISM System
- LBNL Facilities Department – EH&S Division Interface Policy
- GENERAL PROVISIONS FOR FIXED PRICE CONSTRUCTION – University of California, Ernest Orlando Lawrence Berkeley National Laboratory
  - Environment, Safety, and Health clauses
  - Subcontractor Accident Prevention Program Requirements
- SPECIAL SITUATION clauses required by Contract 98 for Fixed Price Construction – University of California, Ernest Orlando Lawrence Berkeley National Laboratory