

## **JAMES M. LASSITER**

### **EXPERIENCE SUMMARY**

Over 39 years of experience in all levels of cost estimating including management of the Y-12 National Security Complex Cost Estimating organization for five years. Experience also includes extensive, in-depth project & program-level leadership; management of life cycle cost analyses; project risk & contingency analysis/management using Monte Carlo simulations; bid & proposal analysis; and document preparation for estimate submittals and presentations. Knowledge includes in depth familiarity with nationally recognized and government cost estimating processes, standards, and guidance including Government Accountability Office cost estimating best practices. Demonstrated proficiencies include working independently, as a part of a team, and leading teams in support of these systems and tasks. Currently serve as an embedded Subject Matter Expert with the Uranium Processing Facility Program Office in support of the UPO Federal Project Directors.

### **DETAILED EXPERIENCE**

**Longenecker & Associates**  
**Oak Ridge, Tennessee**

2016-Present

Embedded Subject Matter Expert with the Uranium Processing Facility (UPF) Program Office primarily in support of the Federal Project Directors who manage UPF and other Y-12 projects.

**Bechtel National Inc.**  
**Oak Ridge, TN**

2015-2016

Project Cost Estimator supporting the UPF project. Duties were similar to previous position with the addition of:

- Represent the UPF Cost Estimating Manager as required in project meetings
- Provide historical reference for current project decisions
- Assist in preparing and maintaining major portions of the UPF project cost estimate
- Coordinate preparation of cost estimates for project trends

**GemTech Y-12**  
**Oak Ridge, TN**

2011-2015

Subcontractor to B&W Y-12 and Consolidated Nuclear Security at the Y-12 National Security Complex. Senior Cost Estimator supporting the UPF project. Duties included:

- Analysis of proposed changes for the UPF project and development of ROM cost estimates
- Support risk analysis programs as needed
- Responsibility for project life cycle cost simulations
- Preparation of presentation data for Project Management, Functional Management, Corporate Management, and Customer reviews

- Review and prepare responses for reports prepared by external project review teams such as the Government Accountability Office (GAO), the Department of Defense (DOD), and the National Nuclear Security Administration (NNSA)
- Support special studies performed for the UPF project.

**B&W Y-12  
Oak Ridge, TN**

2005-2011

Project Lead Estimator for the Uranium Processing Facility (UPF) at the Y-12 National Security Complex. This complex modernization project has a projected total cost of 6.5 billion dollars. I had ultimate responsibility for the cost estimate and directed the cost estimating staff. Duties included:

- Overall responsibility for the project cost estimate
- Coordinate development of schedules and structure for estimate input and monitor progress
- Preparation of the formal Cost Estimate Plan
- Manage cost estimate development including direction of estimating staff that ranges from 3 to 16 people
- Verification that the cost estimate represents the project scope
- Assure that estimate data is provided for the resource loaded schedule
- Technical & Programmatic and Cost risk analyses using Monte Carlo simulation software
- Preparation of Project Life Cycle Cost Analysis simulations
- Presentation of estimate and metric data to Project Management, Functional Managers, Corporate Managers, and Customer
- Primary estimating responsibility for project reviews including recent General Accountability Office (GAO) review, Corps of Engineers Independent Cost Estimate (ICE), Department of Defense (DOD) review, and National Nuclear Security Administration (NNSA) Independent Project Review
- Primary responsibility for responses to review team questions that are related to the cost estimate
- Maintain configuration control of the cost estimate
- Primary responsibility for studies and inquiries from the customer related to the cost estimate

2000-2005

Project Lead Estimator for the Purification Facility project at the Y-12 National Security Complex. This \$50 million project was the first of the recent modernization projects at Y-12 and had a very aggressive design and construction schedule. My support on this project began prior to start of design and continued through completion of construction. My duties on the Purification Project were similar to those on the UPF project with one exception. The cost estimate was prepared by the Architect Engineer responsible for the design. In this case, I was the liaison for the Purification Project Team where the cost estimate was concerned. After construction began, I had estimating responsibility for construction changes and trend estimates for use in baseline control. The project was completed within budget and was a tremendous success for BWXT Y-12.

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**Lockheed Martin Energy Systems**  
**Oak Ridge, TN**

1998-2000

(Y-12) - Project Estimator / Cost Engineer responsible for special studies and early planning for Y-12 Plant Modernization. Much of this work involved early conceptual estimates and schedules for the Enriched Uranium Manufacturing Facility (EUMF) which evolved over time into the UPF project.

1993-1998

(K-25) - Manager of Estimating for Y-12, responsible for managing workload and personnel for all cost estimates prepared for construction projects at Y-12. This group provided Estimating and Cost Engineering support to Y-12 Plant Projects, the Y-12 D&D Program, and the Y-12 Environmental Restoration Program. In addition, we completed EPIC Project Proposal Estimates for both the Paducah and Portsmouth plants.

1989-1993

(K-25) - Project Estimator on major Y-12 Environmental projects including the Production Waste Storage Facility, the Steam Plant Ash Disposal project, and the Environmental Improvements project. I also supported other capital and special projects.

1987-1989

(Y-12) - Y-12 site representative for Estimating Department. Project Estimator for many of the same jobs mentioned above. I also led the team that produced the cost estimate and cost & schedule document for Ventilation Upgrades in 9212.

1985-1987

(ORNL) - ORNL site representative for Estimating Department. I was the Project Estimator for the Non-Rad Waste Treatment Plant among other projects. The Non-Rad Project was chosen to receive the project team of the year award by the East Tennessee Chapter of the Project Management Institute.

1983-1985

(K-25) - Estimator in the special projects estimating group. My work consisted primarily of tracking machine cost estimates for the centrifuge machines and preparing cost estimates for proposed design changes on the centrifuge machine. I also led the team that developed the cost estimate for the Advanced Gas Centrifuge "P3" Machine

**Union Carbide Corporation Nuclear Division**  
**Oak Ridge, TN**

1981-1983

(Y-12) - Discipline estimator producing cost estimates for Civil, Architectural, Structural, and Piping disciplines.

1980-1981

(K-25) - Junior Construction Engineer on the Technology Test Facility and the Centrifuge Seismic Test Facility construction projects in the K-1600 Building. This was a temporary assignment which allowed me to gain valuable experience in field construction techniques.

1979-1980

(ORNL & Y-12) - During this period I trained as a discipline estimator.

1979

(Private Company) - Lassiter Trucking and Excavating Co. During this period I worked full time as a partner in my father's excavating business. I worked as a truck driver, heavy equipment operator, and equipment maintenance & repair person. I also worked in this capacity on a part time basis while in school and after being hired by Union Carbide Corp.

**EDUCATION**

**Tennessee Technological University, Cookeville, TN**

*Bachelor of Science in Civil Engineering, 1979*

**SECURITY CLEARANCE**

Active Department of Energy "Q" clearance