



Engineering/Design Capabilities

Project Programming/Estimating

Evergreen Engineering has prepared the scope of work for numerous construction projects and construction estimates for many clients. From small to large facilities and systems, Evergreen performs programming and estimating services. Documented feedback from clients indicates our estimating abilities are highly accurate when compared to the final construction cost.

Scope of Work

- Review site facilities for process tool conversion.
- Compare existing infrastructure capacities with projected future requirements.
- Coordinate closely with clients to develop valid utility data and realistic diversity figures.
- Provide Scope data to CM for use in Estimating.
- Perform revisions to Scope and Estimate to determine cost impacts of tool layout changes.
- Perform revisions concurrently with the detailed design of Basebuild items.
- Execute value engineering analysis.

Project Execution

- Data Acquisition
- Code Review
- Analyze ADA Compliance
- Exiting Study
- Field Investigation
- Interview Key Site Personnel
- Schematic Design
- Prepare Construction Scope of Work
- Construction Cost Estimating
- Building Modifications

Major Systems Include

- HVAC
- Dry and Wet Process
- Electrical
- Life-safety
- Specialty Gases
- Bulk Chemical Delivery Systems
- Cleanroom Architectural and Building Structural/Seismic Upgrades

Representative Projects

- Fab Project Programming
- Site Wide Programming
- Cleanroom Project Programming
- Construction Scope/Estimate Packages
- System Analysis and Estimating