

Project Controls • Construction Management



Critical to any design firm is the ability to compliment technical innovation with confident project scheduling and estimating personnel. Our project controls group hits the mark every time. We use a wide range of software such as Primavera, MS Project, Precision Estimating by Timberline, Suretrack, and Range Estimating. An in-house database was produced to support accurate construction cost estimates to suit our clients' need for assurance and accuracy. Our project controls group also provides construction management services and experience to coordinate field installations. That's experience you can count on! See below for more detailed list of our capabilities.

Scheduling

- Determination of Project Plan and Critical Path
- Interactive Planning with Owner, Engineering and Construction
- Development of Resource Loadings to meet project objectives
- Analyses of Schedule Dependent Tasks for Design, Procurement and Construction Activities
- Development of Integrated Design / Construction Schedules and Performance Tracking

Project Controls

- Specialists in Analyzing Budget / Estimate at Completion for All Project Deliverables
- Provide Earned Value Reports and Predict Outcome of Projects
- Integrate Cost, Schedule and Technical Performance for Project Management

Total Installed Cost (TIC) Estimating

- Specialists in Industrial / Process Project Estimates for Conceptual (Venture Guidance) or Detailed (Appropriation Grade) Cost Projections
- Supplement to Client "IN-HOUSE" Capabilities for Estimating "GRASS ROOTS" Facilities or System Retrofits
- Conceptual Estimates, with Minimum Information available, to Support Long-Range Planning
- Detailed Estimates at Intervals of Project Life Cycle to Ensure Alignment of Budget Financing and to serve as a control document for construction
- Risk Analysis to determine opportunities to maximize cost savings and minimum contingency appropriation.

Construction Management

- Assistance for Construction Bid Analysis and Award Process
- Cost & Schedule Control – Monitor Contractor Performance Against Budget & Schedule
- Negotiation Assistance for Contract Modifications
- Coordination of Contractors as Owner's Agent
- Periodic Inspections of Work In Progress
- Coordination of Construction Design Support
- Constructability Lessons Learned to Ensure Value Added in Accordance with CII Round Table Forum