Daniel J. Sporer
Consultant

Education

- Pennsylvania State University, A.S., Electrical Engineering, 1974

Professional Affiliations

- Association for the Advancement of Cost Engineering: Member
- Association for International Arbitration (AIA): Professional Member

Presentations

- *Facilities Delivery: Managing Fast Track Projects in a Regulated Environment*, Critical Path Scheduling, ISPE Winter Conference, Tampa, FL

General Experience

Mr. Sporer has nearly 30 years of experience on engineering and construction projects within the power, process, industrial, transportation and telecommunications industries. His extensive skills include design, change order review/pricing, cost estimating, CPM scheduling (Primavera P3), quantity surveying, performance and cost monitoring, cash flow forecasting, contract administration, compensable delay and productivity analysis, and earned value reporting.

Mr. Sporers' responsibilities typically include forensic review and analysis of activities related to project controls for various projects. Experience acquired at both home office and site locations on projects ranging from $5 million to $4 billion. On multiple occasions he has evaluated and designed the cost and scheduling systems for ongoing projects experiencing budgetary and/or schedule problems.

Project Experience

Baggage-Handling System, Miami International Airport, Miami, FL. The baggage-handling system installed at the airport resulted in claims due to the overall terminal schedule being delayed greater than three years. Schedules and documents were analyzed to prepare a multi-million dollar request for contract change.

Tyson Event Center, Sioux City, IA. The structural steel erection was delayed due to

late deliveries and misfabrication. Schedules and cost reports were analyzed to develop a successful claim resolution before litigation proceeded.

Churchill Downs Clubhouse Renovations, Louisville, KY. Structural Steel experienced cost overruns due to inadequate site conditions and insufficient bid drawing details.

Phillies Citizens Bank Ball Park, Philadelphia, PA. As the on-site scheduling consultant for a well-respected electrical contractor, Sporer developed scheduling fragments to complete additional work scope items.

School Construction Projects, Various Cities and States. Incorporated client approved change orders into the project schedule to graphically display schedule impact.

Milford Power Plant, Milford, CT. Analyzed change orders and project schedules to determine responsibility of a two-year delay in the substantial completion date of a new 500Mw gas fired combined cycle power plant. Wrote bi-weekly site observation construction reports used to develop as-built schedules and substantiate the on-going progress for our client.

Detroit Metro Airport, Steel/Metal Deck Erection, MI. Analyzed change orders and schedules and reviewed the project cost reporting system to determine the total financial impact caused by scope changes after shop fabrication of steel was begun. Although this change did not increase scope, performed an analysis to determine the impact of *out of sequence* work.

Chemical Process Facility, Aberdeen, MD. As Project Controls Manager reviewed and independently priced piping, electrical, and equipment change orders for a $700M government-owned chemical process facility. Developed cost options to choose the most economical method of incorporating design changes. Used System Dynamics, a computer-modeling program simulation to enhance construction claims.

Telecommunication Projects, Eastern U.S. Assistant project manager responsible for developing cost and schedule control systems, work breakdown structures, contract administration, monthly project reports and resource allocation on a $400M telecommunications project. Developed Earned Value reports after reviewing the project schedule and other budget reports.

PSE&G Rehabilitation Project, Burlington, NJ. Instituted project control methods to reduce a potential overrun situation. Methods included budget allocation at sub work package levels, accelerating the project schedule by 25%, liquidated damages on key delivery items

and daily progress and site/construction coordination meetings.

Northeast Inlet Infrastructure Project, Atlantic City, NJ. As project controls manager responsible for developing all cost and schedule control systems, work breakdown structures, contract administration, client billing and resource allocation.

Niagara Mohawk Power Plant, Corp., NY. Cost engineer responsible for the project control part of the discovery process where client claimed that schedule delays caused project overruns. Coordinated cost functions for developing, maintaining and analyzing estimates, forecasts, and change control procedures for a $4.1B nuclear power plant. Supervised 20 project cost, estimating, and change control personnel. Used System Dynamics, a computer-modeling program simulation to enhance construction claims.

Oyster Creek Generating Station, Lacey Township, NJ. As project cost engineer, developed detailed preliminary and budgetary estimates in a format consistent with the construction schedule and also with the client's accounting system. This allowed the client to incorporate the estimate directly into its mainframe cost tracking system. The scope of work consisted of designing a structure and associated facilities to accommodate two diesel generators.

Coal/Oil Fired Cogeneration Plant, Deepwater Station, NJ. As project cost engineer developed estimates, change controls systems, cash flow forecasts, schedule and earned value reports. Allocated specific cost sharing between users of the steam and electric products.

Coal-Fired Power Plant, NJ. As project cost engineer developed numerous initial feasibility studies to determine the most economical methods to make government mandated environmental changes. Developed all estimates and project control systems and developed the construction cost/schedule reports for weekly project monitoring.

Power Production, U.S. As staff estimator developed and updated numerous project capital cost estimates. Disciplined estimated included mechanical, civil/structural, electrical, and geotechnical. Quantity takeoffs were performed on drawings of all disciplines.