



SCOTT M. FRANCIS, P.E.



Scott M. Francis is an Executive Consultant with Long International and has 15 years experience in various areas of project management, contract disputes and resolution, CPM schedule development and execution, contract administration, design engineering, construction management, and government contracting. He is proficient in the use of Primavera Project Planner (P3), as well as Primavera Project Management (P6). Mr. Francis provides schedule development and assurance services, cost estimating, and claims analysis services on projects for both owners and contractors. Specific responsibilities include CPM development and reviews, CPM schedule delay and acceleration analyses, document database development, change order impact analysis, issue identification, correlation of impacts to schedule activities, productivity evaluations, claims preparation, damages quantification and arbitration/litigation support.

EDUCATION

B.S., Civil Engineering, Colorado State University, 1997

PROFESSIONAL REGISTRATIONS

Registered Professional Engineer, Colorado (No. 39084), Washington (No. 40814)

PROFESSIONAL AFFILIATIONS

Project Management Institute, College of Scheduling

TECHNICAL EXPERIENCE

Representative U.S. technical experience includes:

- CPM Schedule Development and monthly progress reporting
- Schedule review and analysis
- Development of project management plans and procedures
- Schedule cost and resource loading
- Change order preparation, analysis and review
- Field construction supervision
- Project billing and payment applications
- Submittal/RFI/Change Order management
- Constructability reviews
- Contract writing, review, and administration
- Cost estimating



PROJECT EXPERIENCE

Mr. Francis' project experience includes the successful completion of projects for the United States Navy, general contractors, and design engineering firms. Additionally, he has evaluated claims on various projects at values over \$100 million. Representative projects include the following:

Refinery, Chemical, Oil & Gas, Power Plant, and Industrial Projects

- Analysis of an EPC contractor's detailed CPM schedules associated with a \$138 million delay and disruption claim on a gas plant project in Saudi Arabia. Additionally, assisted in the calculation of the contractor's entitlement to damages, including delay, loss of productivity, and disputed value of unresolved change orders.
- Analysis of a contractor's \$87 million claim on an offshore production facility fabricated in Norway to be installed in the Gulf of Mexico. Responsible for damage calculations related to cumulative impact and loss of productivity due to overtime work, shift work, and winter conditions. Assisted in the preparation of the expert report submitted for arbitration.
- Schedule development and maintenance for a \$190 million water treatment plant. The 8,000 activity cost and resource-loaded schedule was accepted by the Owner upon the first submittal.
- Project management and project engineering on several wastewater treatment plant upgrades. Responsible for contract administration, procurement of equipment and materials, and the change order process.

Government Projects

- Provided construction management services as the U.S. Navy construction representative on a \$6.4 million design/build Undersea Weapons Testing Facility.
- Provided construction management services as the U.S. Navy construction representative on a \$3.2 million design/build addition to an existing ammunition pier. Provided close coordination with base operations staff and the contractor to execute critical work during a tight construction window.
- Completed a \$3.1 million, 25-mile road improvement project two months ahead of schedule for the U.S. Navy. Poorly written scope of work required diligent efforts with the customer to define all necessary road and parking lot improvements. Negotiated changes to incorporate all customer requirements at no additional cost.
- Provided Construction Management on a \$1.4 million ordnance transfer facility for the U.S. Navy.
- Negotiated a settlement with a contractor on a \$1 million crane-painting project for the U.S. Navy. A poorly written scope of work resulted in unclear requirements for assembling the painting scaffolds. Mr. Francis provided consultation to the key players and presented a strong case for terminating the project and awarding extra time and material costs to the contractor to compensate for costs expended.
- Led a U.S. Navy public works team in the facilities development for the implementation of the new MH-60 helicopter. Project involved massive coordination and space management efforts to implement new operational and training facilities, while keeping existing squadrons operational.
- Effectively managed the implementation of the Navy Marine Corps Internet service to all base tenant commands. All existing buildings were converted and retrofitted for the new service. Coordination around commands operational periods was necessary to provide service without interrupting the customer's mission.



Municipal and Utility Projects

- Lead design engineer on the preliminary and final design of a water main and well collection system. The \$1.2 million project involved close coordination and supervision in the crossing of two major natural gas lines. The projects' close proximity to a school caused several logistical problems that had to be identified and resolved prior to construction. All issues were resolved expeditiously and the system was operational ahead of schedule, which allowed other district clients the ability to accelerate community development.
- Managed and engineered a rapid design and award of two water pump stations to meet increasing district water demand. The \$3.5 million project involved the management of design subcontracts and the review and implementation of all phases of the work. Diligent review of sub-contractor work allowed for early bid and early construction completion.

PROFESSIONAL EXPERIENCE

Long International, Inc.

Littleton, Colorado (August 2008 to Present)

As an Executive Consultant with Long International, Mr. Francis provides schedule development and assurance services, cost estimating, and claims analysis services on projects for both owners and contractors. Specific responsibilities include CPM development and reviews, CPM schedule delay and acceleration analyses, document database development, change order impact analysis, issue identification, correlation of impacts to schedule activities, productivity evaluations, claims preparation, damages quantification, and arbitration/litigation support.

Western Summit Constructors, Inc.

Denver, Colorado (September 2005 to August 2008)

Project Engineer/Project Manager/Scheduler responsible for the management and support of field crews in the construction of water and wastewater treatment plants. As the project scheduler on a \$190 million water treatment plant, Mr. Francis led the scheduling and cost loading efforts on the project schedule. Other duties on previous projects included: development/cost loading/resource loading/analysis of project schedules, writing purchase agreements and subcontracts, procurement responsibility, change order preparation and execution, and submittal and RFI management.

United States Navy, Civil Engineer Corps

Various Locations (April 2000 to August 2005)

As an Assistant Resident in Charge of Construction, Mr. Francis managed the execution of over \$25 million in construction projects. As the team leader, Mr. Francis was responsible for overall customer satisfaction and was the primary contact for all matters of the construction contract. As an Assistant Public Works Officer, Mr. Francis provided supervision, management, and professional direction to all-inclusive facilities organization. Position involved oversight of facilities planning, facilities maintenance and repair, renovations, transportation, utilities distribution and repair, and custodial and landscape contracts.

Meurer & Associates, Inc.

Lakewood, Colorado (January 1998 to March 2000)

Design Engineer responsible for the design and construction management of water and sewer infrastructure for Denver area water and sanitation districts. Work involved preliminary and final design development, coordination with design consultants and construction contractors, feasibility studies, water and sewer master planning, and constructability/conformance reviews of water and sewer projects.