

Exponent®
Engineering & Scientific Consulting

Saleem Alrabadi, PMP

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Professional Profile

Mr. Alrabadi has broad experience in infrastructure, utility and building construction. His experience involves managing and analyzing construction projects for owners, general contractors, and subcontractors. He has been responsible for the development, updating, and closeout of cost- and resource-loaded P6 schedules on projects totaling $1.2B. He has also worked on claims ($982M project portfolio) involving time and cost impacts for various projects.

Mr. Alrabadi provides management and control services on utility programs including scope quality management, scheduling and coordination, progress tracking, project execution, and cost and scope variance analysis. He implements tools that provide visual progress tracking and monitoring, process streamlining, process automation, bottleneck identification, and early error detection and mitigation resulting in time and cost savings.

Prior to joining Exponent, Mr. Alrabadi worked as a claims and project advisory consultant on construction claims and project management. He performed contract reviews; schedule delay impact analysis including critical path analysis, as-planned versus as-built comparative schedule analysis, window analysis, as-built but-for analysis, change order analysis, and acceleration analysis; cost analysis of payment applications, acceleration costs, change order costs, and job cost reports; labor productivity analysis; and report preparation and document analysis for mediation, arbitration, and litigation. Mr. Alrabadi also worked as a design engineer and planning engineer for a general contractor on large highway expansion and bridge projects in Qatar. He managed traffic diversions from design phase through approvals and safety audits, and led a team through as-built submittals phase. As a planning engineer, Mr. Alrabadi reviewed and updated P6 schedules and streamlined reporting procedures through standardization, effective communication, and development of customized management-level visuals.

Mr. Alrabadi earned his Master’s degree in Civil and Environmental Engineering from University of California, Berkley. He specialized in Engineering and Project Management. Mr. Alrabadi worked on projects involving comparative analysis of different scheduling software (P6, MS Project, Synchro, Netpoint, Spider), process improvements using lean construction concepts, business plan development, and life cycle assessment.

Academic Credentials & Professional Honors

M.S., Civil and Environmental Engineering, University of California, Berkeley, 2019

B.S., Civil Engineering, Qatar University, 2016

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Licenses and Certifications

Project Management Professional (PMP)

Prior Experience

Staff Consultant, Riedinger Consulting

Planning Engineer, Tekfen Construction

Design Engineer, Tekfen Construction

Project Experience

Utilities

Managed stake holders to complete investigation and installation on multi-step maintenance work. Developed quality tools that identified incorrect scope and maintained scope quality. Created detailed and summary schedules with trackers to keep teams aligned on goal.

Developed automated tools and visual trackers to provide progress updates and identify critical dependencies ensuring on-time project completion.

Infrastructure

Analyzed schedule delays on Bay Area public transit system upgrade project for a specialty contractor. Developed flowcharts and “as-built but-for” analysis to allocate delay responsibility and determine compensable and non-compensable time extension.

Residential

Performed baseline versus as-built schedule window analysis and identified key issues to show schedule impacts and shifts in critical path.

Developed as-built schedule based on payment applications, change orders, and other project documents. Identified critical path and compared to baseline schedule using time impact window analysis to support contractor’s claim.

Commercial

Performed delay analysis of project schedules on a subcontractor acceleration claim to allocate responsibility, and analyzed baseline and actual labor curve charts.

Provided detailed cost analysis to owner of a contractor’s change order requesting compensation for contract time extension based on calculated daily rate. Cost analysis resulted in a daily rate reduction of 20%.

Infrastructure Construction

Developed baseline schedule in Primavera P6, performed regular schedule updates, and identified potential delays to critical path on a highway expansion and bridge construction project in Qatar.

Standardized daily, weekly, and monthly reporting procedure. Developed and presented comprehensive summary visuals to management.

Managed a team through as-built design submissions during project closeout for a highway and multi-bridge upgrade project in Qatar. Developed standardized design layouts and streamlined approval process through effective communication with involved parties.