



PROJECT RISK ANALYSIS SERVICES

Construction projects do not exist in a vacuum. Their complexities are greatly influenced by many different factors, which in turn can affect the level of risk the project faces. MBP provides our clients project risk management services which address both internal and external risks, known and unknown, insurable and uninsurable.

Comprehensive Risk Management

Our risk management services take multiple forms, customized to project size and complexity, addressing cost and schedule risks individually and in tandem. We are fully positioned to help clients develop Comprehensive Risk Management Plans for any capital program. MBP may implement a Qualitative Risk Management plan, perform a Quantitative Risk Analysis, or execute both.

Qualitative Risk Management

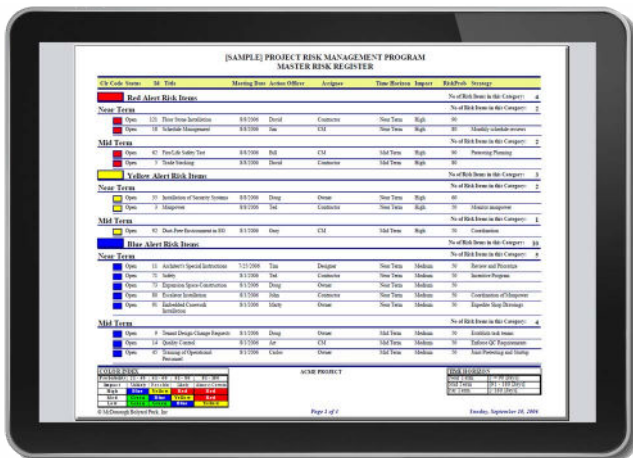
MBP's Qualitative Risk Management services involve assessing the relative risk of possible events, ranking them into low, medium, or high categories based upon their likelihood of occurrence and impact to the project. Attention is then focused on the resulting priorities, which are often tracked using a risk register and monitored throughout the project.

Quantitative Risk Management

MBP performs Quantitative Risk Analysis to evaluate two key parameters of the project - cost and schedule.

The first parameter is assessing the probability that a project will be implemented within budget. MBP answers this question by performing quantitative risk analysis to guide our clients in reserving appropriate contingency funds. If the budget is strictly limited, MBP can help our clients assess cost-saving strategies to stay within budget.

Second we look to assess the statistical probability that the project will meet its deadlines. MBP can help our clients set realistic project milestones. If the risk analysis shows a low probability of meeting the preferred deadline, this information gives the project team an opportunity to consider options in deciding a schedule contingency plan. A Quantitative Risk Analysis may also help evaluate scenarios and alternatives to achieve the preferred deadlines.

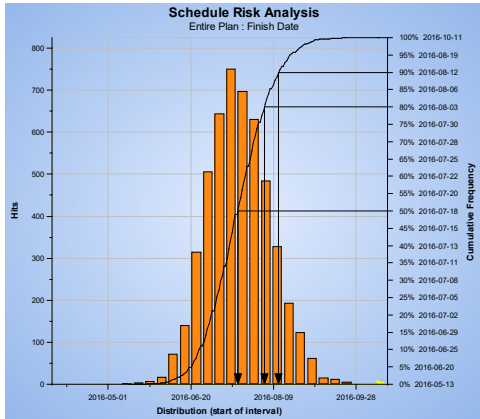


Sample Project Risk Management Register

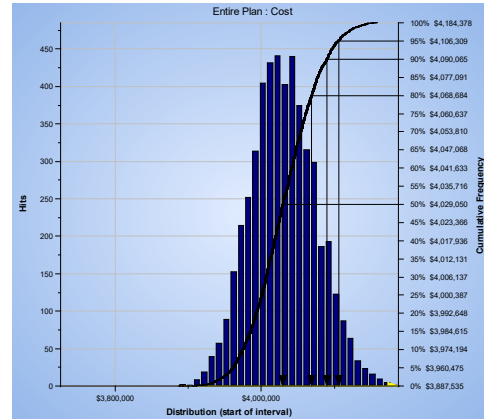
RELEVANT EXPERIENCE

- Architect of the Capitol
- Bureau of Overseas Buildings Operations
- City of Chesapeake, Virginia
- Department of Homeland Security
- Eastern Virginia Medical School
- Fairfax County, Virginia
- General Services Administration
- Loudoun County, Virginia
- Metropolitan Washington Airports Authority
- National Institute of Standards and Technology
- National Oceanic and Atmospheric Administration
- Ohio Department of Transportation
- Smithsonian Institution
- U.S. Army Corps of Engineers
- West Chester University

Risk Analysis and Time Contingency



Risk Analysis and Cost Contingency



ABOUT MBP

MBP brings a proven track record of construction management experience, professional service, and best value to our clients. As a leader in mitigating construction risk, we offer a broad range of construction management and consulting services to optimize value within the built environment. Our diverse team of experts specialize in innovative solutions for our clients' dynamic infrastructure and facility needs. This includes strategic planning and initial budgeting, through design and construction, to project closeout. Above all, we are problem solvers who are focused on maximizing an owner's investment at every stage.

BY THE NUMBERS

- Established in 1989
- Proven performance delivering over \$57 billion in construction value to Federal clients
- National reach, 15 offices in 10 states
- Nearly 300 professionals and support staff specializing in construction management and consulting services



MBP's project risk management services saved The Smithsonian National Air and Space Museum \$50 million on this \$530 million project.

For a complex project, formal risk management may be the single most important strategy a project team can adopt. Risk management can help the project stay on time and within budget by focusing attention where it is needed most.

CONTACTS

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