

Bob McGill PE

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Senior engineering program manager with over 40 years of professional experience executing challenging and diverse assignments in the United States and overseas. Hands on, diplomatic personality with proven leadership ability. Experienced in the development, execution and management of diverse and complex technical projects.

EXPERIENCE

PROJECT ENGINEER **2020 - 2023** **ORGANIZATION FOR THE PROHIBITION OF CHEMICAL WEAPONS (OPCW)**

Successfully completed the OPCW's Center for Chemistry and Technology. The new center includes laboratories, technical spaces, offices, conferencing, training and warehousing that will support the OPCW's global mission. Served as the on-site technical representative for the OPCW working directly with the contractors and consultants to ensure accurate and timely execution of a "fit for purpose" building.

PROJECT DELIVERY MANAGER **2018 - 2020** **FEDERAL EMERGENCY MANAGEMENT AGENCY**

Managed natural disaster recovery grant applications for townships, hospitals, and universities impacted by hurricanes and flooding in Georgia, Iowa, and North Carolina.

LABORATORY PROJECT DIRECTOR **2016 - 2018** **AECOM**

Led a team of AECOM architects, engineers and quantity surveyors through the conceptual design of a multifunctional Nuclear Science, Engineering and Technology Center for the UK Ministry of Defense. Project required on site presence at the client facilities and close interaction with facilities managers and laboratory staff to identify facility functional requirements, address areas of heightened concern and develop an appropriate and cost-effective concept design.

Provided project management consulting services to the International Atomic Energy Agency (IAEA) laboratories in Seibersdorf, Austria. Responsible for development of Project Scope, Schedule and Budget packages for the Agency's continued Renovation of Nuclear Analytical Laboratories (ReNuAL) program.

GROUP HEAD **2009 - 2015** **INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA)**

Safeguards Analytical Laboratories, Austria - Responsible for the management of the IAEA's Enhancing Capabilities of Analytical Services (ECAS) Project from concept planning to client handover. Led a six year, \$100M initiative to develop over 130,000 square feet of new nuclear analysis laboratory, technical support and office space, including a comprehensive site security and civil infrastructure upgrade. Project included full equipping of the laboratories and transitioning personnel and operations from existing laboratories to the new facilities. Directed a multi-national Project Management Group of engineering, construction and technical professionals responsible for all phases of project planning, architecture, engineering design and facilities construction. Developed new project management systems and procedures to effectively manage risks, costs and enhance internal and external project communications. Implemented procurement and financial strategies for timely execution of the project. Responsible for informational presentations to member states as well as progress reporting to internal IAEA clients, member states and technical working groups. The project was completed on schedule and within budget in December 2015.

DIRECTOR OF ENGINEERING **2008 - 2009** **DYNCORP INTERNATIONAL**

Responsible for business assessments and operational upgrades at project sites in Africa, the Persian Gulf and Afghanistan. Assumed management responsibilities for a USACE \$200M design build program constructing permanent military bases in Afghanistan. Served as corporate representative for the resolution of technical and contractual issues associated with the Akwa Ibom Airport Program in

Uyo, Nigeria. Responsible for technical assessments for engineering, operations and maintenance opportunities in Qatar and Afghanistan.

OPERATIONS PLANNING MANAGER
IAP WORLDWIDE SERVICES

2003 - 2008

Operations Planning Manager responsible for the development of operational strategies for new as well as on-going projects as requested by IAPWS executive leadership. Managed a comprehensive Life Support and Construction program with sites located throughout Iraq. Improved Baghdad operations by streamlining construction management processes. Led financial risk assessments for a multi-site modular prison construction contract in the UK. Responsible for special assignments as required by company leadership. Responsible for all on-site aspects of building and leading a team of 40 Air Traffic Control, Airfield Management and RADAR/NAVAIDS operations and maintenance personnel in Kandahar, Afghanistan. In 2003-2004. Coordinated mission planning and scheduling for an average of 7,000 operations per month. Supervised two technical sub-contractors and received 99.5% overall contract evaluation scores.

ENGINEERING MANAGER
WEYERHAEUSER / OPTIFRAME SOFTWARE

2000 - 2003

Lead Engineer for the development of a new residential structural software design system. Responsibilities included building and managing a team of five software development engineers. Provided residential structural engineering support to software development and testing personnel.

ENGINEERING PRACTICE LEADER
AECOM - WOODWARD-CLYDE FEDERAL SERVICES

1992 - 2000

Led the development of a Federal Services Design Center to lower overall costs and improve quality of civil and environmental design packages prepared for clients throughout the United States. Built and managed a group of up to 15 project managers, engineers and technicians based in the Gaithersburg, Maryland office. Assisted FEMA and the Governments of Puerto Rico and U.S. Virgin Islands with the development of housing design and construction programs following two disaster level hurricanes. Assisted FEMA with the development and implementation of hurricane resistant residential design requirements for the US Caribbean. Deputy Program Manager for the FEMA National Storage Tank Removal and Upgrade Program.

ENGINEERING MANAGER
EMCON ALASKA

1990 - 1992

Built a successful engineering team within an environmental consulting firm. Developed new contracts for engineering and construction services with Alyeska Pipeline Service Company, the U.S. Army Corps of Engineers, the City of Anchorage and the Kenai Peninsula Borough. Designed solid waste landfills, landfill gas, leachate collection systems and hazardous waste facilities. Prepared Oil Spill Contingency Plans and Spill Prevention, Containment and Counter-measure plans for the Alaska Pipeline and Valdez Terminal following the Exxon Valdez spill. Managed the emergency response for a major Alaska Railroad fuel spill.

DESIGN / CONSTRUCTION ENGINEER
ALASKA ENGINEERING & CONSTRUCTION

1982 - 1990

Design and construction engineering assignments throughout Alaska for the Alaska Pipeline, the US Army Corps of Engineers, cities, and private developers.

Education & Certifications

Professional Engineer - Colorado PE 0033597
BS Civil Engineering - University of Alaska - 1982