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Mr. Williams is a nationally recognized professional and leader in **design – build project delivery**, and has been a regular speaker and contributor in national and regional professional conferences and publications. He has thirty-five years experience in engineering, procurement and construction comprising both domestic and international projects in the public as well as private business sectors. Mr. Williams has served in several executive and project positions in design, construction engineering, field construction supervision, estimating and scheduling, construction management, project management, program management, and general management capacities. He has significant experience in establishing teaming relationships, building project teams, negotiating contracts and subcontracts, and providing executive sponsorship, as well as hands – on management of projects. Mr. Williams has also served in several program management and owner representative capacities in responsible charge of multiple projects. Various projects for which he has led pursuits and /or the management team include industrial plants, transportation facilities, high technology facilities, hydroelectric plants, water and wastewater treatment plants, commercial development, and institutional projects. Professional conferences in which Mr. Williams has been a guest speaker include SAME, AIA, DBIA, PMI, ASA, ASCE, and ACEC organizations. He has also been a guest lecturer for construction management and design – build courses at Arizona State University and University of Kansas, and served as an Instructor for graduate level advanced project management.

Education:

Master of Science, Industrial Engineering, Stanford University, CA.
Bachelor of Civil Engineering, Villanova University, PA
Numerous short courses in contract management, safety, risk management, construction methods, executive management, business administration, and computer skills.

Professional Affiliations:

Designated Design – Build Professional, Design Build Institute of America (DBIA)
Founding President of DBIA – Mid America Chapter and served on National Committees
Certified Project Management Professional, Project Management Institute (PMI)
Professional Engineer, California – Civil & Industrial, and Wisconsin - Civil
Member, American Society of Civil Engineers (ASCE)
Member, Dispute Resolution Board Foundation

Key Qualified Areas:

Design – Build and CM @ Risk Project Delivery - - and Program / Construction Management

- Owner project planning and risk management
- Design – Build and CM @ Risk contract terms & conditions
- Procurement process, including selection approach
- Owner project administration procedures
- Progress monitoring and measurement
- Dispute mitigation and resolution approaches
- Contractor proposals; base bid and changes
- Construction means and methods, including cost / schedule controls

Employment History:

ODC Synergy Inc., 2002 - Present

President & CEO for consulting and project management company supporting owners, designers and constructors in their design – build, CM @ risk and other alternative delivery projects, including private – public partnerships. Developed business plan, established company, developed marketing materials and client relationships, and performed and / or share assignments with associates. Services for owners include assisting owners in training, planning, risk management, development of procurement documents and supporting the procurement process, design – builder selection, facilitation of partnering programs, establishing project administration procedures, and representing the owner during construction. Services for design and construction firms include education and training, strategic market planning, teaming arrangements, proposals and development of design – build management procedures.

HDR Design Build Inc. 1999 – 2002

Chief Operating Officer (COO) for general contracting subsidiary. Developed subsidiary company to pursue and perform “at risk” design – build projects. Responsible for strategic planning, hiring and organization, operating procedures, and financial performance. Established strategic partnerships and joint ventures, obtained licensing, developed design build teams, managed pursuits and proposals, acquired and trained staff, established work process systems, and provided executive sponsorship of projects. Projects included transportation, water and wastewater, health care and administration general building projects.

Black & Veatch Infrastructure: 1994 – 1999

Manager of Construction Department, comprising 105 staff, responsible for pursuing and performing multiple design – build projects and providing construction management services. Performed as sole general contractor and in joint venture with other firms to pursue and execute design – build projects. Developed teaming relationships and agreements, led pursuits and served as joint venture executive for water, wastewater, pipeline and transportation ITS projects. Developed the organization comprising estimating, scheduling, procurement, and field construction management functions, including the systems and procedures for company-wide and project operations. Developed and delivered several project management and construction management training courses, internally and for clients.

CH2M Hill: 1989 – 1994:

Manager, Construction Management for IDC, a wholly owned subsidiary of CH2M Hill, pursuing and performing design – build and construction management serves for hi-tech firms including Intel, HP, Applied Materials and others. Projects included primarily new and upgraded or expanded clean rooms, and related support facilities. Developed proposals and operating procedures, hired and trained staff and supervised operations for projects.

Senior Project / Construction Manager, Program Manager involved in pursuing and performing design – build –operate water and wastewater projects in the US and internationally. Developed the Corporate Design – Build Practice and Procedure Manuals. Served as Deputy Director for \$1.5 Billion Milwaukee CSO / Deep Tunnel Program responsible for engineering, and construction management cost & schedule.

Bechtel Corporation & Civil Infrastructure: 1969-1988

Senior Project and Construction Manager, Construction Superintendent, Project Field Engineer, and Estimator for various civil infrastructure, industrial and building projects domestically and international. Projects were for Federal and other public sector clients as well as private sector clients, and included technology laboratories, community facilities, highway and bridges, drainage facilities, health facilities, utilities systems and plants, mining and metals facilities, and hydroelectric facilities. Projects varied in size from \$25 million to \$2.5 Billion.

U.S Air Force: 1964-1969

Captain, Civil Engineering responsible for planning and management of air base civil infrastructure, missile systems, and building projects, including base housing, utilities, roads and bridges, airfield runways, revetments and parking areas, instrument landing systems, missile site building and refurbishments, fuel storage and distribution facilities. Served in US and international locations.

Publications

Authored several operating manuals, including an International Construction Management Manual, Guidelines for Direct Hire Construction, Design Build Project Execution Manuals, and Program Management Practice Manuals. Articles in Engineering News Record and Design – Build Magazine.

Representative Projects: (* indicates @ design – build project delivery):

*Intercounty County Connector Project (22 miles Interstate), Baltimore MD, \$1 Billion

I-95 project 100 – upgrade 3 major interchanges and connecting roadway \$ 700 Million

West Gate Access Road & Bridge Project, Fort Leonardwood, MO, \$25 Million

*Detroit Water Filtration Plant and Campus Development - \$250 Million

*Milwaukee Ozone Water Plants Project, \$45 Million, Milwaukee, Wisconsin

*Summersville Hydroelectric Project, \$30 Million, West Virginia

*Carson Recycled Water Plant Project, \$22 Million, Carson, California

*T. E. Maxxson Wastewater Plant Expansion Project, \$13 Million, Memphis Tennessee

Fuels & Materials Laboratory Facility, \$55Million, Dept. of Energy, Hanford, Washington

*Puebla Wastewater Plants (3 plants, 105 mgd), \$150 Million, Puebla, Mexico

Water Pollution Abatement Program Management, \$1.5 Billion, Milwaukee, Wisconsin

*Sulewezi Hydroelectric Plant & Canal, (150MW) \$120 Million, Sulewezi, Indonesia

Jubail Industrial City Infrastructure Development, \$2.5 Billion, Jubail, Saudi Arabia