

Robert E. McFadden, P.E.

Experience Summary:

Forty years of international and domestic experience in management of a broad range of pipeline, oil and gas, fiber optic and associated facilities projects. Served as President of Universal Ensco, Inc. from October, 1999 to December of 2005, prior to that time worked for eighteen years in various positions from Project Manager to Vice President/Business Unit Director. Responsibilities have included all phases of project execution including conceptual layout, cost estimating, engineering design, direction of surveys, permitting, right-of-way acquisition, drafting, material specification and procurement, contract preparation, solicitation and evaluation of bids, contract negotiations, construction supervision, litigation management and expert testimony. Served as Vice President of Houston Operations for Energy Management and Services Co. from March of 2006 through August of 2007. Formed REM Pipeline Consultants, LLC in September, 2007.

Career highlights include:

- **President** of REM Pipeline Consultants, LLC providing strategic, management, conceptual design, economic evaluation, engineering, drafting, material procurement, logistics and support services for pipelines and related facilities for domestic and international projects.
- **President** and Chief Operating Officer of a major pipeline engineering firm. Managed fifteen Business Units with as many as 800 employees encompassing all phases of project management, engineering, survey, drafting, design, quality assurance, safety, construction management, inspection services and GPS equipment rental for pipelines, compressor stations, pump stations, tank farms, underground storage fields, production facilities, gathering systems, metering, SCADA and related facilities. Developed and implemented successful strategies to facilitate growth and maintain continuous profitability through volatile market conditions.
- **Provided** overall technical supervision for the design, material acquisition and construction management and logistics for the repair of an existing pipeline installation of three compressors and an Amine gas treating plant in Afghanistan for the Task Force for Business Stability Operations of the US Department of Defense. Provided training, planning, material procurement and logistics for an 89 km 12.75" OD new pipeline to ensure long term supply for existing needs and growth. Project included training local Afghan personnel to do the construction work themselves including specialized welding training and training in the operation of compressors, dehydration and gas treating equipment
- **Directed** project oversight for engineering of the Turkish portion of the Baku Ceyhan crude oil pipeline project.
- **Directed** and managed the process of obtaining ISO 9001 certification for all of company's work product processes.

- **Provided** expert witness services and testimony for pipeline related suits, arbitrations, and mediations.

- **Presented** a paper to an Underground Gas Storage Symposium held at the Dagang Oil Field in China in conjunction with provision of Design Supervision of the 4000 Km West to East Pipeline.

- **Project Director** for development of a major pipeline project to carry natural gas from Egypt to markets in Jordan. Project included a crossing of the Gulf of Aqaba in 3,000 feet of water.

- **Project Director** for numerous offshore pipelines, risers, subsea taps and subsea tie-ins including complete project management, design, MMS permitting, procurement, contractor selection and construction management in depths ranging from 10 fsw to 300 fsw.

- **Project Director** for alliance contracts with several major international energy companies. Projects performed include numerous crude oil, products and natural gas pipelines, pump stations, compressor stations and other facilities as well as planning and project implementation assistance for domestic and foreign pipeline system projects.

- **Traveled** over to twenty foreign countries on five continents to develop business, negotiate contracts and review ongoing operations.

- **Project Director** for CNG Transmission Corporation 8000 HP electric drive grass roots compressor station design, 49,000 HP Enron Bammel Station, and 12,000 HP Enron Gallup Station designs.

- **Project Director** for a pipeline engineering operation in Thailand, which furnished services to the Petroleum Authority of Thailand, including design and construction management of pipeline, metering, treating and fiber optic projects.

Education:

Bachelor of Science, Civil Engineering, Louisiana Tech University, 1974

Registration and Professional and Civic Organizations:

Professional Engineer Texas Registration No. 99488

Member US Department of Commerce District Export Council

Member American Society of Civil Engineers

Past Chairman - Board of Directors YMCA of Greater Houston

Past Chairman Board of Advisors Nick Finnegan Counseling Center

Houston Pipeliner's Club