

RICHARD P. HELPER

**Project Management
Project Reviews
Project Controls
Commercial Resolutions**

Over 40 years' experience on new and retrofit process, power, oil & gas and manufacturing projects. Career built on positions of progressive growth from scheduling and cost engineering, to project engineering, proposal management and project management and operations management. Over 20 years' dispute resolution experience.

Experience

Education

B.S. Civil Engineering,
Tri-State University, 1981

Certifications

PSP
PMP
CCM (not current)

Total Years' Experience

40+
Process
Power
Oil & Gas
Manufacturing

Companies

RPH Consulting, Ltd. /
RPH Construction Services, Ltd.
2007 - Present
Aker Kvaerner
1989 - 2007
US Air Force
1983 - 1987

Published Works

AACE - Author; Technical Paper
TCM-3747
AACE - Author; Technical Paper
PM-2337
CII - Primary Author for RS-143
Craft Productivity Publication
CII - PT 214 Tradeoff Between
Cost and Schedule

RPH Consulting, Ltd.

Client: LS Power Company

2019-Present

\$2.2 Billion USD Power Industry Proposal

Consulting Services - Developed FEP estimates, schedules and risk analysis for \$2.2 Billion USD power development proposal. Provided project management services for small cap and maintenance program at power generating station.

Client: Michigan Potash Company LLC

2016-Present

\$800MM USD Fertilizer Plant

Consulting Services - Managed consultant team during FEP phase of salt and potash facility. Ensured consultant developed technical and commercial documents to support project financing. Developed owner's project execution plan, risk analysis and other estimating and scheduling analyses to support project financing.

Client: Severstal North America, Inc. / Severstal Dearborn, LLC.

2007-2013

\$1.2 Billion USD Cold Mill Modernization Program

Program Management - Provided management consulting services to owner client for \$1.2 Billion USD Modernization program. Services included Scope Development, CapEx Budgeting, Program/Project Master Planning, Project Execution Planning, Contract Management and Project Management.

Client: Matrix Service Company

2012-2016

Operations Improvements

Consulting Services - Developed proposal, project management and project execution processes tailored to facilitate client's growth from mid-sized specialty contractor to large, complex EPC general contractor. Deliverables included an EPC project template, handbooks, manuals, forms/reports, gated review process with checklists and training courses.

Client: Matrix Service / TransCanada Pipelines LLC

2013-2014

\$150 Million USD Oil Terminal Project

Consulting Services - Developed and implemented integrated project controls system for new oil terminal construction project. System required to be compliant with Bechtel requirements. Trained client's project controls personnel in quantity management, scheduling, cost management and change management.

RPH CONSULTING, LTD.

An EPC Project Consulting Services Company

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RPH CONSTRUCTION SERVICES, LTD.

Project Management Services for the EPC Industry

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*Client: Constellation Energy
2009*

Hillabee Power Center

Provided management consulting services for owner client on Combined Cycle Power Plant Project. Services included auditing installation contractor's costs, developing a change order status report and providing cost at completion forecast. Prepared a financial settlement proposal for owner's use in closing out contractor.

General Manager – Aker Kvaerner
*Claims Development and Management
1996-2007*

Claims Development. Developed claims for numerous capital/small capital projects (\$5 - \$50MM USD) including the following:

- Managed the development of a \$25MM (USD) claim resulting from delays/acceleration on a \$125MM Combined Cycle Power Plant located in California. Claim was presented in Mediation.
- Developed forensic schedule to support a \$32MM claim resulting from delays, impacts and damages incurred on \$140 MM (CAN) 4400Ton/Year Sulphur Acid Plant located in Ravensthorpe, Australia. Project was taken as an EPC, lump sum by a Canadian subsidiary and included analysis of engineering, procurement and construction delays and impacts incurred in multiple countries. Contract based on Australian law.
- Managed the development of a \$30MM multiple contractor claim resulting from delays and impacts incurred on a \$120MM 550MW Combined Cycle Power Plant project in Pennsylvania.
- Managed the development of a \$20MM claim resulting from delays and impacts incurred on a \$120MM Combined Cycle Power Plant in Michigan
- Developed a \$5MM claim resulting from delays and impacts incurred on a \$24MM Hot Dipped Galvanizing Line Upgrade in Indiana
- Developed a \$3MM claim resulting from impacts incurred on a \$7MM Billet Mill in Ohio.

*Aker Kvaerner Global Project Execution Model
2004*

N & S Americas PEM Representative. One of seven team members on an international team responsible for developing common project execution, project management and tendering methodologies (PEM) for use on Oil & Gas and Engineering & Construction EPC projects. Responsible for implementing methodologies in companies located in N & S America, China, Malaysia, Singapore and India.

Lead international team in conducting project reviews on 1100MW Coal Fired Power Plant construction project.

Lead internal team in conducting project reviews on 550MW Combined Cycle Power Plant.

*Aker Kvaerner Songer Corporate University
2004/2005*

Instructor. Developed and instructed in-house training courses for Planning, Scheduling, Subcontract Management and Contract Administration.

RICHARD P. HELPER

Project Manager – Aker Kvaerner

Project and Proposal Management, 2003-1996

*Portlands Energy Centre, Ontario Power Generation/TransCanada, Toronto, Ontario
2003*

Project/Proposal Manager. Managed the development of an EPC proposal for a 2 x 2 Combined Cycle, 550 MW Natural Gas fired power plant located in downtown Toronto. AKS was a consortium partner with Black & Veatch. The proposal was valued at \$550MM CDN and was awarded to the AKS/BVC consortium.

*Orion Project, Kinder Morgan Power Company, Jackson, Michigan
2000 - 2003*

Project Manager. Single point responsibility for marketing, proposal development, project management and closeout of 7 x 2 Combined Cycle, 540 MW Natural Gas fired power plant. Scope of work included BOP equipment procurement, construction, start up and commissioning.

*72" Galvanizing Line Upgrade, National Steel Corp., Portage, Indiana
1997*

Project Manager. Upgrade of automotive galvanizing line. Project was awarded based on innovative construction approach resulting in minimal outage time. Substantial portion of work was executed during operations.

*#1 Blast Furnace Reline, Wheeling-Pittsburgh Steel Co., Steubenville, Ohio
1996*

Project Manager. Repairs on oldest operating Blast Furnace in the U.S. after year long labor strike. Intangible repairs included replacement of Tuyere and Bosh carbon block linings. Scope of work included upgrades to Gas Scrubber system and miscellaneous structural and mechanical repairs throughout the facility.

*Slab Caster Rebuild, AK Steel, Middletown, Ohio
1995*

Assistant Project Manager. Modified twin strand DeMag slab caster. Innovative process included isolating strands during operation and mini outages in preparation of major outage. Each strand was modified to integrate Voest segments in lieu of DeMag roll pairs while the other strand was operational.

*Continuous Cast Direct Billet plant, Republic Engineered Steels, Canton, Ohio
1994 - 1995*

Assistant Project Manager. Construction/installation of Danieli Vacuum Tank Degasser, Ladle Refining Facility, Continuous 4-Strand Billet Caster, Itam Walking Beam Reheat Furnace and 5-stand Rolling Mill with Walking Beam Cooling Bed.

Project Manager/Engineer/Field Superintendent

- Chrysler, Sterling Heights Assembly Plant; retool, paint shop upgrade
- Fabricate & Erect Coke Breeze Handling System, National Steel Corp., Ecorse, MI
- "A" Blast Furnace repairs - National Steel Corp., Granite City, IL
- "J" Blast Furnace Reline - Bethlehem Steel Corp., Sparrows Point, MD
- Q-BOP Installation - Geneva Steel, Provo, UT
- Construct 130,000SF Assembly Plant Addition, Ford Motor Company, Wayne, MI