Long International provides expert engineering and construction claims analysis and expert testimony, project management consulting, and insurance claims analysis services to the engineering and construction industry worldwide. Our staff of over 60 professionals has extensive U.S. and international experience on large, complex projects incorporating conventional-phased, fast-track, or EPC turnkey concepts. Long International’s consultants include chemical, mining, civil, mechanical, and electrical engineers, and program, project, and construction management professionals. Our experts have earned advanced degrees, professional engineering licenses, and project management professional certifications.

Our senior personnel have on average over 35 years of experience working for major oil and chemical companies, manufacturing companies, power generation companies, public owners, international engineering and construction companies, mechanical and electrical contractors, construction consulting firms, banks, insurance companies, and financial institutions. Our experts have managed, designed, and built projects, and managed the cost and schedule control functions of projects. We have analyzed claims involving disputed change orders, schedule delay, acceleration, time extensions, liquidated damages, loss of productivity, defective specifications, procurement problems, deficient project management performance, property damage, advance loss of profits, delayed startup, and business interruption damages. We assign senior-level consultants with extensive engineering and construction experience to perform these analyses and testify in mediation, arbitration, litigation, or other ADR forums.

Please visit our website at www.long-intl.com for a complete listing of our personnel.

Founder & Chief Executive Officer

Mr. Long has over 50 years of U.S. and international experience involving construction contract disputes analysis and resolution, arbitration/litigation support, and expert testimony, project management, engineering/construction management, cost and schedule control, and process engineering. As an internationally recognized expert in the analysis and resolution of complex construction disputes for over 35 years, Mr. Long has served as the lead expert on over 300 projects having claims ranging in size from US$100,000 to over US$2 billion and has testified in deposition, mediation, and international arbitration. His project experience includes refineries, petrochemical and chemical plants, offshore oil & gas facilities, power plants, oil sands and oil shale facilities, and commercial and industrial buildings. Mr. Long has presented and published numerous articles on the subjects of claims analysis, entitlement issues, CPM schedule and damages analyses, cumulative impact claims, and claims prevention.

Before forming Long International, Mr. Long was Senior Vice President, Contract Administration for a major electrical and mechanical contractor. In this role, he had corporate-wide responsibility for technical management and oversight of the preparation and resolution of construction claims. In addition, he was responsible for the development, training, and implementation of project management policies and procedures to ensure that profit, cost, schedule, scope, quality, and safety objectives were achieved. For 13 years, Mr. Long managed the construction claims practices of two large construction claims consulting firms. Prior to his consulting career, Mr. Long gained 13 years of project management and process engineering experience on petroleum refining, petrochemical, oil shale, synfuels, mining, and power generation projects with Tosco, Fluor, and Conoco.

EDUCATION
M.S., Chemical and Petroleum Refining Engineering, Colorado School of Mines, 1974
B.S., Chemical Engineering, University of Pittsburgh, 1970

PROFESSIONAL REGISTRATIONS
Registered Professional Engineer, Colorado (No. 25050)
Licensed Professional Engineer, Newfoundland and Labrador (No. 09209) and Ontario (No. 100524699)

PROFESSIONAL AFFILIATIONS
AACE International
American Institute of Chemical Engineers
Project Management Institute
Society of Construction Law

www.long-intl.com
Mr. Carter has over 20 years of experience in construction project controls, contract disputes and resolution, mediation/arbitration support, and litigation support for expert testimony. He has experience in entitlement, schedule, and damages analyses on over thirty construction disputes ranging in value from US$100,000 to US$7 billion, related to oil & gas, heavy civil, nuclear, environmental, chemical, power, industrial, commercial, and residential construction projects.

Mr. Carter has experience in document discovery and the development of internet-based document repository databases. He is proficient in the use of Primavera Project Planner software, and has extensive experience in performing retrospective CPM, time, schedule, and acceleration analyses and assessing the schedule impact of RIFs, change orders, and other events to engineering and construction works. Mr. Carter specializes in loss of productivity, cumulative impact, and quantum calculation, and has had a lead role in assessing damages on more than a dozen major disputes.

In addition, Mr. Carter has developed cost and schedule risk analysis models using Monte Carlo simulations to address the uncertainty of estimates and claims. He has testified in two arbitrations as an expert in construction scheduling and damages, and has presented expert findings to an international arbitral tribunal.

EDUCATION
B.S., Civil Engineering, University of Colorado at Boulder, 1996, with honors, emphasis in Structural Engineering and Construction Management

PROFESSIONAL REGISTRATIONS
Certified Cost Professional (No. 28997)
Planning & Scheduling Professional (No. 19895)

PROFESSIONAL AFFILIATIONS
AACE International
American Society of Civil Engineers

Mr. Bieniewicz has over 40 years of experience in engineering, project management, project planning and scheduling, cost engineering, construction claims/ dispute resolution, project performance audits, and corporate management. He has over 25 years of construction claims and contract dispute resolution experience including issue entitlement evaluation; schedule delay; time extension; and acceleration analysis; damages analysis; attorney support; and expert witness testimony on a large number of complex construction projects.

Mr. Bieniewicz is recognized as an expert in the development of schedule delay and cost overrun analyses for construction projects, including offshore oil & gas, LNG, oil refinery; power plant, hospital, commercial building, highway, rail, airport, and wastewater treatment plant projects. He has worked on over 100 claims ranging in size from US$50,000 to over US$2 billion. Before joining Long International, Mr. Bieniewicz was a Principal in four consulting companies that focused on construction claims and project management.

Prior to entering the consulting field, Mr. Bieniewicz had direct experience on a number of construction projects including nuclear and fossil power plants, wastewater treatment plants, hospitals, and commercial buildings. As a Senior Project Manager for a contractor, he had complete management responsibility for several projects including hospitals and commercial buildings. As a Planning and Scheduling Engineer, he developed and maintained project schedules on a wide variety of projects.

EDUCATION
B.S., Electrical Engineering, Northeastern University, 1974
M.B.A., Finance, Virginia Commonwealth University, 1978

PROFESSIONAL AFFILIATIONS
American Bar Association, Associate
American Council of Engineering Companies, Associate

Mr. Buddemeyer has over 46 years of experience in all aspects of programs and construction project management and construction disputes. His experience includes construction and property damage/business interruption claims analysis, preparation, defense, and negotiation of settlements on projects including refineries, offshore oil & gas, petrochemical plants, heavy civil and mining projects, oil sands facilities, nuclear, coal and gas-fired power plants, and building projects. Mr. Buddemeyer’s project experience includes cost and schedule control, systems and procedures development and implementation, program planning, as well as capital project management, cost estimating and economic analysis during the design, construction, and start-up phases of a diverse cross section of projects.

Mr. Buddemeyer is recognized as an expert in the development of schedule delay and cost overrun analyses for construction projects, including offshore oil & gas, LNG, oil refinery; power plant, hospital, commercial building, highway, rail, airport, and wastewater treatment plant projects. He has worked on over 100 claims ranging in size from US$50,000 to over US$2 billion. Before joining Long International, Mr. Buddemeyer was a Principal in four consulting companies that focused on construction claims and project management.

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EDUCATION
B.S., Electrical Engineering, Northeastern University, 1974
M.B.A., Finance, Virginia Commonwealth University, 1978

PROFESSIONAL AFFILIATIONS
American Bar Association, Associate
American Council of Engineering Companies, Associate

Mr. Carter has over 35 years of experience working in or consulting for the engineering and construction industry. More than half of this time has been involved in the resolution of construction-related claims and disputes. He has expertise in project-related estimating, cost control and scheduling, retrospective schedule analysis, productivity analyses, and quantum/damages analyses. Mr. Lane has also worked in the areas of contract administration, claims management, and overall project and construction management.

Mr. Lane has significant background in the application of the Primavera scheduling systems to construction projects and update project schedules and/or to retrospectively analyze the impact of various events to a project schedule, including evaluations of entitlement to time extensions, acceleration costs, liquidated damages, and delay-related costs. He has utilized these and other scheduling tools on major construction projects in the U.S. (Lower 48 and Alaska) as well as internationally.

Mr. Lane’s construction claims and property damage and business interruption experience includes refineries, petrochemical plants, offshore oil & gas facilities, pipeline infrastructure, including the Western Hemisphere’s largest (50 inch dia.) natural gas pipeline. He initiated major transformational changes to organizational structure, completed a new strategic plan, conducted negotiations of all major upstream and downstream gas contracts and new projects, and served as a member of the Board of Directors. He also served as a Senior Operations Advisor, Vice President – Operations, and Vice President – Technical Services for several international energy companies.

Mr. McIntosh has over 47 years of experience in engineering, construction, onshore and offshore oil & gas operations and management consulting experience. He has extensive international greenfield and brownfield project development and project management experience in diverse areas such as refinery, petrochemical, offshore oil & gas, LNG, oil & gas pipelines, and ferrous metals projects ranging from US$20 million to US$1.8 billion. He has provided expert analysis of technical issues and their causes and effects related to project management performance on major claim prosecution for multi-billion-dollar EPCJ projects.

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Before joining Long International, Mr. McIntosh served as President of The Natural Gas Company of Trinidad and Tobago. As President, Mr. McIntosh inspired leadership of the most profitable state corporation in Trinidad and Tobago, which had revenues of US$3 billion, 850 employees, 4.4 Bcf natural gas transmission capacity, and 1,000 km of pipeline infrastructure, including the Western Hemisphere’s largest (50 inch dia.) natural gas pipeline. He initiated major transformational changes to organizational structure, completed a new strategic plan, conducted negotiations of all major upstream and downstream gas contracts and new projects, and served as a member of the Board of Directors. He also served as a Senior Operations Advisor, Vice President – Operations, and Vice President – Technical Services for several international energy companies.

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Ronald J. Rider, MBA
Senior Principal

Mr. Rider has over 25 years of project management and dispute resolution experience involving over 90 projects in the U.S. and internationally. Mr. Rider's experience includes developing and monitoring CPM schedules; preparing recovery schedules; analyzing delay, time extension, and acceleration claims; project cost control; project estimating; analysis of project billings and payments; change order pricing and resolution; contract administration; project close-out; and dispute resolution.

Mr. Rider is highly skilled in cost and labor hour variance modeling, impact identification and analysis, retrospective CPM schedule delay analysis, concurrent delay assessment, project acceleration analysis, productivity loss analysis, total damages verification and quantification. He is proficient in the use of Primavera scheduling software (P3 and P6), Microsoft Project, Safarn Project, Claim Digger, and Summation Blaze software packages. He has performed retrospective CPM schedule delay analyses (As-Planned Impacted, As-Built But-For, Windows, and Time-Impact methodology), delay quantification, and responsibility assignment.

Mr. Rider's experience includes petrochemical plants, oil refineries, offshore oil & gas facilities, LNG facilities, power plants, commercial buildings, highway and transit projects, hospitals, and airport projects ranging in size from US$50,000 to US$2 billion.

EDUCATION
M.B.A., University of Colorado, 1995
B.S., Construction Management, Colorado State University, 1987

PROFESSIONAL AFFILIATIONS
American Institute of Constructors
Associated Builders and Contractors
Associated General Contractors
Colorado Contractors Association
Honorary Construction Society

Michael J. Vallez, P.E., MBA, Lean Six Sigma
Senior Principal

Mr. Vallez has over 40 years of hands on and leadership experience in project management, engineering/construction management, cost and schedule control, change management, claims, and dispute resolution. He has served in executive management roles for both the owner and contractor working on world-class projects for oil and gas, power, international mining, and other companies. Mr. Vallez has a proven ability to organize, integrate and manage the work of multi-disciplined technical specialists and project construction teams to achieve corporate financial goals and objectives of return on investment, safety, operational performance, cost, and time. He was involved in leading top teams toward achieving compliance with project requirements as defined in project documents. For the third largest contractor in the U.S., Mr. Vallez developed a zero-defect program ("BEST" Program) to improve quality and eliminate punch lists at project completion. In all, he has provided leadership on several billion-dollar worth of projects in the chemical, heavy civil, mining, power, oil & gas, industrial, and commercial sectors.

Mr. Vallez specializes in the analysis of project execution plans, cost and schedule overruns, safety incidents, project team performance issues, technical and economic project feasibility. Mr. Vallez provides expert witness testimony on the root causes of delays and cost overruns, cumulative impacts, forensic accounting, best practices for meeting schedule, budget and operating results. He has written several books on the subjects of construction management, safety, and effective project leadership.

EDUCATION
M.B.A., University of Utah, 1988
B.S., Engineering, Michigan Technological University, 1975

PROFESSIONAL REGISTRATIONS
Registered Professional Engineer, Utah (No. 160927-2202)

Stephen P. Warhoe, Ph.D., P.E., CCP, CFC
Senior Principal

Dr. Warhoe has over 30 years experience in the project controls field. He is a recognized expert in retrospective CPM schedule delay analysis and construction project controls. Dr. Warhoe has also served as an expert witness on numerous occasions. He has been employed by engineering and construction practices and construction claim consultants and has represented government agencies, private sector employers, contractors, subcontractors, and manufacturers. He has been an internationally recognized expert on matters of time and associated costs and has been appointed as an expert witness in legal proceedings. Mr. Warhoe frequently provides consultancy advice on matters of planning, risk, delay and disruption for major complex projects. He is experienced with Primavera P6, Primavera Risk Analysis, Microsoft Project, Microsoft Excel and Access, Academn Fase and Nuix.

Dr. Warhoe has been responsible for driving development and managing construction claims groups for and within large consultancy practices. He initially commenced employment with Hill International (now HKA and grew its Middle East/North Africa (MENA) practice from a single client and single project operation in Abu Dhabi, UAE to a multi-client, multi-project 58 professional staff offering services throughout the MENA region generating revenues of USD $28 million annually. During his employment with Turner & Townsend, Mr. Brells developed its Construction Services offering for its Australian business unit and, within three years, grew the practice to 13 Contract Services staff offering expert witness services.

EDUCATION
B.S., Industrial Construction Management, Colorado State University, 1984, with honors

PROFESSIONAL REGISTRATIONS
Registered Professional Engineer, Colorado (No. 39084)
Registered Professional Engineer, Washington (No. 35180)
Registered Professional Planner (P3), as well as Primavera Project Management (P6).
Mr. Brells has over 25 years of experience in the heavy industrial sectors including mining and metals, oil and gas, LNG, power, and petrochemical. He has been employed by engineering and construction practices and construction claim consultants and has represented government agencies, private sector employers, contractors, subcontractors, and manufacturers. He has been an internationally recognized expert on matters of time and associated costs and has been appointed as an expert witness in legal proceedings. Mr. Brells frequently provides consultancy advice on matters of planning, risk, delay and disruption for major complex projects. He is experienced with Primavera P6, Primavera Risk Analysis, Microsoft Project, Microsoft Excel and Access, Academn Fase and Nuix.

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EDUCATION
B.S., Civil Engineering, University of Colorado, 1986

PROFESSIONAL REGISTRATIONS
Registered Professional Engineer, Colorado (No. 29909)

CERTIFICATIONS
Certified Construction Manager, Construction Management Association of America
Certified Cost Professional, AACE International, No. 01430
Certified Forensic Claims Consultant, AACE International, No. 12

PROFESSIONAL AFFILIATIONS
AACE International, Associate President, 2008-2009
Construction Management Association of America (CMAA), Past Chapter President, Colorado Chapter
Project Management Institute
System Dynamics Society

John R. Brells, Bsc, ARI, MACES, MACCE
Senior Principal

Mr. Brells has over 34 years of experience in the heavy industrial sectors including mining and metals, oil and gas, LNG, power, and petrochemical. He has been employed by engineering and construction practices and construction claim consultants and has represented government agencies, private sector employers, contractors, subcontractors, and manufacturers. He is an internationally recognized expert on matters of planning, risk, delay and disruption for major complex projects. He is experienced with Primavera P6, Primavera Risk Analysis, Microsoft Project, Microsoft Excel and Access, Academn Fase and Nuix.

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EDUCATION
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EDUCATION
B.S., Civil Engineering, University of Arizona, (four years) 1959-1963

PROFESSIONAL REGISTRATIONS
Registered Professional Engineer, Colorado (No. 39084)
Registered Professional Engineer, Washington (No. 35180)
Registered Professional Planner (P3), as well as Primavera Project Management (P6).
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EDUCATION
B.S., Civil Engineering, University of Arizona, (four years) 1959-1963

PROFESSIONAL AFFILIATIONS
Associated Builders and Contractors (ABC)
Construction Industry Institute (CI)
### Construction Claims Experts – Experience Matters

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<tr>
<th>Name</th>
<th>Position</th>
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<tr>
<td>Michael T. Gunter, P.E., EVP</td>
<td>Principal</td>
<td>AACE International</td>
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<tr>
<td>Mr. Gunter has more than 33 years of experience in the petroleum refining, liquefied natural gas (LNG), midstream, and power industries. Mr. Gunter has held positions in consulting, executive leadership, project management, engineering, and maintenance management. His capital project management experience includes major projects in petroleum refineries, midstream facilities, pipelines, and small projects in power generation facilities. Through his professional experiences, Mr. Gunter has developed a broad and in-depth knowledge and expertise of all stages of project development and execution including the management of engineering, procurement, contracting, construction, project controls, and turnaround for commissioning. As part of Long International’s Project Management, Engineering, and Construction Project Management and Issues Analysis Team, he evaluated and opined on a preservation and maintenance program for a major petroleum refinery project in South America. He also performed analysis of change order, delay, and disruption issues on LNG projects in Australia and the United States.</td>
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<tr>
<td>Michael Harris</td>
<td>Principal</td>
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<td>Mr. Harris has over 30 years of construction project and claims management experience. His comprehensive consulting and management background includes risk evaluation, managing, and resolving complex claims and contract disputes on major construction projects throughout the U.S. and globally for a wide range of industries including the power, water, petrochemical, industrial, commercial, healthcare, and general building sectors. Mr. Harris has extensive expertise in key construction disciplines including project design, project management, construction management, contract management, risk and claims analysis, on-site risk management, claims avoidance management, construction management, cost management, and expert witness reporting and testifying. In addition to his extensive project execution background, he also has considerable experience in various types of dispute resolution forums such as arbitration, litigation, and mediation proceedings in North America, Europe, the Middle East, and the Far East. Mr. Harris has also been appointed as a mediator and arbitrator on various international projects.</td>
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<td>Douglas A. Kage, P.E., Principal</td>
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<td>Mr. Kage has over 30 years of experience in the areas of construction claims, project control, project management, construction management, and engineering design services. He has experience in cost evaluation, entitlement analysis, calculation of damages, schedule delay analysis, and brings extensive industry expertise to the topics of industry practice and standard of care. Mr. Kage has served as project manager for design projects and studies in the power generation and telecommunications industries. In addition, while serving in various senior project management capacities, Mr. Kage has had experience on several billion dollars of EPC projects work, both domestic and international. During more than 14 years as a project control professional, Mr. Kage has managed the project control departments for two different businesses, supervising 40 project control professionals. He also developed an estimating department. He has managed the purchasing, warehousing, and distribution of millions of dollars of materials for construction projects and has managed a construction management held office. He has also had pivotal involvement in process improvement initiatives, re-engineering efforts, and quality improvement programs.</td>
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<td>Steven W. Laskey, P.E., Principal</td>
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<td>Mr. Laskey has over 38 years of experience in the U.S. and Australia. He has served as lead technical expert on more than 10 arbitration/litigation matters related to the duty of the engineer and design professional, construction contractor standard of care, construction claims, and equipment failures in oil &amp; gas. His project experience includes refineries, oil &amp; gas facilities, natural gas processing and conditioning plants, chemical plants, coal seam gas gathering and facilities, and commercial and residential buildings. He has testified in federal and state district courts. Before joining Long International, Mr. Laskey was a Process Engineer, Field Construction Engineer, Project Engineer, and Project Manager for both a large domestic architectural engineering firm and a major international engineering and construction company. As a Project Manager, he was responsible for all aspects of facility estimating, preparation and control of budgets and schedules, engineering, design, procurement, and construction. He has managed projects in the United States and Australia, where he resided in Brisbane, Queensland. Early in his career, he was an Operations Engineer and Measurement Engineer for the upstream subsidiary of a major U.S. oil company. Mr. Laskey relies on his experience in operations and the management of Engineering, Procurement, and Construction projects to perform financial analysis, delay analysis, calculation and damages analysis, write expert reports, and testify for parties in litigation.</td>
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<td>Sean P. Pellegrino, P.E., Principal</td>
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<td>Mr. Pellegrino has over 35 years of experience in all aspects of engineering, project management, project planning and execution, and project management consulting for onshore and offshore oil and gas projects. He has supported, managed, and consulted on some of the oil and gas industry’s largest, most complex projects. His responsibilities and experiences include conceptual business case assessment, planning, contract development and award, execution, administration, commissioning and startup, and close out of projects. His oil, gas, LPG and LNG project experiences include onshore/ offshore, upstream/downstream, and midstream projects with increasing size and complexity. Project scopes ranged from multi-million-dollar development projects to the multi-billion-dollar international projects. He has worked extensively on international joint venture major capital projects from the owner’s side. Mr. Pellegrino has extensive shipyard, fabrication yard, and construction site experience projects. This experience includes managing and consulting with owner’s project teams and engineering and construction contractors’ project teams. His work experience includes both international onshore and offshore locations covering construction sites, shipyards, and fabrication yards all over the world.</td>
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<td>William L. Reeves, P.E., Principal</td>
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<td>Mr. Reeves has over 45 years of U.S. and international consulting and project execution experience involving the design, engineering, procurement, project management, construction, construction management, start-up, and commissioning of industrial and utility steam and power generation systems. Mr. Reeves has experience with construction contract and change order dispute analysis and resolution, cost and schedule control, and arbitration/litigation support and expert witness report and testimony. His project experience includes steam and power generation projects firing conventional fossil fuels, biomass, and waste fuels utilizing conventional and emerging technologies including Low NOx and Ultra Low NOx burners, pulverized coal systems, stokers, bubbling fluidized beds, circulating fluidized beds, and several first-of-a-kind new technologies. Mr. Reeves also has experience with fired and waste heat recovery steam generators operating from low pressure to supercritical and steam temperatures up to 1000°F; combustion turbine generators, steam turbine generators, natural gas and oil fired engine generators, material handling systems, water treatment systems and instrumentation and controls. Mr. Reeves has provided expert testimony in court and has presented and published numerous articles on the subjects of the design, engineering, procurement, construction, operation of steam and power systems.</td>
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### EDUCATION

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<tr>
<th>Name</th>
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<tr>
<td>PROFESSIONAL REGISTRATIONS</td>
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<td>Registered Professional Engineer, Texas (No. 72955)</td>
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<td>PROFESSIONAL AFFILIATIONS</td>
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<td>AACE International (No. 00843)</td>
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<td>Construction Industry Institute (CII)</td>
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<td>Construction Users Roundtable (CURT)</td>
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Jeremy M. Connell, Pr. Eng.
Senior Executive Consultant

Mr. Connell has over 35 years of business, project management, operations, alliance, and management experience in all aspects of international and domestic capital projects and programs. His project management experience includes brownfield and greenfield project assignments ranging from multiple small programs and projects to large scale projects worth over US$ 10 billion. He has managed all stages of project execution from conceptual, pre-FEED, FEED studies through the various stage-gate approval processes, early and detailed engineering, construction, commissioning and start-up and project handover phases. Mr. Connell is an accomplished leader who has often advised clients on whether to proceed with or defer projects based on economic, market, and political conditions. His credentials are built on his diverse industry experience, providing an international perspective, and impeccable professional training by top-tier management companies like Fluor, Jacobs, Shell, Saol, Anglo American Corporation, and Suncor. Mr. Connell’s industry experience includes mining, metallurgical/materials handling, chemical, syndath, refining, food and beverage, packaging, utilities and infrastructure projects. As part of Long International’s Project Management, Engineering, and Construction Services Analysis Team, he performed a detailed analysis of change order, delay, and disruption issues on a major LNG project in Australia.

EDUCATION

PROFESSIONAL REGISTRATIONS
Reg. Prof. Engineer, Eng. Council of South Africa (No. 20180446)

CERTIFICATIONS
OSHA Safety Training (40 hrs), 2014; Compliance and Ethical Leadership, SAI Global (Fluor University), 2008-2017


David E. Drips
Senior Executive Consultant

Mr. Drips has over 40 years of experience in the mining and contracting industry as a miner, supervisor, engineer, project manager, general manager, president, and owner. Mr. Drips’ mine engineering, construction, and operating experience includes open pit, room and pillar (gassy and non-gassy), longhole stoping, cut and fill, shrinkage, undercut and fill, overhand open stoping, cut and fill resting, and all phases of mine development which includes shafts, raises, track drifts, laterals, sloped developments and drop raises. His plant operating experience includes raw material management at cement plants, typical aggregate separation, hydrocyclone plants with refineries, hydrocyclone plants with solvent extraction/decontamination, differential flotation processes, carbon-leach processing plants (one, two, and three products), and the operation of roasters for processing refractory ores. He has extensive experience in managing the turnaround of under-performing projects and distressed assets by utilizing in-house personnel for planning, design, and construction. He has successfully dealt with labor unions in the United States, Mexico, Honduras, and Venezuela. His engineering experience includes underground and surface mining designs, process plant design, process circuit development, facility power design and tailing impoundment design.

EDUCATION
B.S., Mining Engineering, Colorado School of Mines, 1980
Languages: English and Spanish

PROFESSIONAL REGISTRATIONS
Society for Mining Metallurgy & Exploration

The Mining and Metallurgical Society of America, Qualified Professional – Mining

General Mine Director certification from GGTN (Russian Federal Mining Organization)

Previously held General Engineering licenses in California, New Mexico, Arizona, Nevada and Utah

Peter F. Franco, P.E.
Senior Executive Consultant

Mr. Franco has over 40 years of experience on large international projects ranging in size from US$ 100,000 to over US$ 1 billion. He is a heavy civil engineering and construction professional recognized for his expertise in project management and corporate strategy. He performs standard of care analyses, constructability reviews, contract issue resolution, claims management, dispute resolution, corporate strategy development, and business process improvement services.

Mr. Franco has provided claims management on behalf of a government agency contractor, in which he developed and presented multiple ($10M+) claims for compensation and compensable time extensions. His efforts positioned the client for favorable monetary settlements by presenting articulate and compelling arguments that forced the owner to negotiate, rather than continue its practice of summarily rejecting claims.

EDUCATION
M.S., Civil Engineering, Columbia University School of Engineering and Applied Science, New York, 1977
B.S., Civil Engineering, Columbia University School of Engineering and Applied Science, New York, 1976

PROFESSIONAL REGISTRATIONS
Registered Professional Engineer, New York (No. 058678)
Registered Professional Engineer, New Jersey (No. 28513)

PROFESSIONAL AFFILIATIONS
AACE International
American Society of Civil Engineers
American Concrete Institute
Deep Foundations Institute

Eric J. Klein, Ph.D., P.E., PMP
Senior Executive Consultant

Dr. Klein has 19 years of industrial experience as a Technical Leader, Project Manager, and Consultant in engineering, procurement and construction (EPC), manufacturing, and research and development (R&D) environments. He is skilled in corporate leadership and has significant experience leading cross-functional teams to design, build, test, and start-up chemical processing systems in the power generation and semiconductor manufacturing industries. He possesses project management experience for multi million dollar capital projects including earned value management, risk management, contract and scope of work negotiations, and project proposals, cost estimating, change control, request for information (RFI), change order management, design management and equipment procurement oversight. He has technical expertise in the generation of process flow diagrams (PFDs), piping and instrumentation diagrams (P&IDs), and equipment sizing and specifications. Prior to joining Long International, Dr. Klein held the positions of Chief Technology Officer, Vice President of Chemical Systems, Director of Chemical Process Engineering, Staff Technologist and Senior Process Engineer.

EDUCATION
Ph.D., Chemical Engineering, University of Colorado, 2000
M.E., Chemical Engineering, Stevens Institute of Technology, 1997
B.E., Chemical Engineering, Stevens Institute of Technology, 1995

PROFESSIONAL REGISTRATIONS
Registered Professional Engineer, Colorado (No. 52404)
Project Management Professional (No. 2164131)

PROFESSIONAL AFFILIATIONS
American Institute of Chemical Engineers
International Society of Automation

Sheard A. McIntosh
Senior Executive Consultant

Mr. McIntosh has 23 years of experience in the engineering and construction (E&C) industry working for a major E&C contractor. He has served as a leader in diverse roles spanning Engineering, Project Management, Organizational Management, Business Development, Technology Licensing, Research & Development and Technical Services. His experience covers the entire project life cycle from Conceptual Design, FEED, Detailed Engineering, Construction, Commissioning, and Start-up Services. He has developed strategic, technical, and commercial plans for major oil and gas technology projects including ammonia plants, refineries, and petrochemical complexes. Mr. McIntosh served as Director of KBR’s Mexico operations, headquartered in Monterrey, Mexico, and has significant international experience working in countries such as Argentina, Israel, France, Saudi Arabia, the United Kingdom, Australia, Brazil, Hungary, U.S.A, and Sweden. Mr. McIntosh is fluent in Spanish.

EDUCATION
B.S. (Honors) Chemical Engineering, University of the West Indies, 1996

Kenney W. McNabb, MBA
Senior Executive Consultant

Mr. McNabb has more than 30 years of experience related to the design and build of industrial chemical manufacturing facility projects, projects to execute complex cross-functional corporate initiatives, and projects to navigate and execute acquisitions/dissolutions and subsequent transactions. He has expertise in managing projects including all phases of engineering, project planning, functional coordination, procurement, and construction. Mr. McNabb is also proficient with industrial control systems, automation, and integration of plant floor to business systems. He has performed owner due diligence evaluations of acquisition targets, corporate restructuring including automation modernization, and forensic analysis of contractor performance. Moreover, he is experienced in the selection of appropriate contracting strategies, contract development (project, engineering, procurement, construction, transition services, continuing services), contract administration, claim analysis, risk prioritization, constructability, turnover and commissioning. Facets of this work include contract analysis, contract estimates, unit price and lump sum estimates, cost variance analysis, rigorous change order management, overhead and indirect cost analysis, and the evaluation of bid error claims.

Mr. McNabb has lived and worked in five countries on four continents and was personally involved in the planning, execution, contract negotiation, and resolution of project problems. He has been involved with projects ranging in size from small plant-support improvements to world-scale international facilities, both wholly owned and joint venture. In addition, he has expertise negotiating settlements of cost, damages, and schedule claims as part of day-to-day project management, to close out projects, and as part of arbitrations.

EDUCATION
M.B.A., Global Executive, Duke University, 2003
B.S., Electrical Engineering, University of Tennessee, 1988

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