LONG INTERNATIONAL

ALEX BACHOWSKI, P.E., PMP, PSP

As chief executive officer at Long International, Mr. Bachowski is responsible for leading day-to-day operations and overseeing consulting services, while driving strategic initiatives in coordination with the executive team. Prior to joining Long International, Mr. Bachowski held engineering and construction managerial roles with the U.S. Department of Energy (DOE) and U.S. Army Corps of Engineers (USACE), overseeing highly complex federal domestic and international projects and strategic programs. Mr. Bachowski managed and coordinated independent project reviews for over US$2.7 billion in DOE Office of Science major capital asset projects. Through his innovative problem solving, Mr. Bachowski led cost savings of up to US$108 million annually. He has demonstrated success in directing large, interdisciplinary teams, optimizing project management processes, and driving policy changes to enhance efficiency and performance.

Mr. Bachowski is also proficient in the use of Primavera P6 for evaluating contractor performance, developing and evaluating Time Impact Analyses, and performing forensic schedule analyses for delay claims. He has analyzed construction claims and negotiated settlements and has specialized experience with Eichleay analysis, differing site conditions, concurrent delay analysis, acceleration claims, and defective design claims.

EDUCATION

Master of Science in Construction Management, Stevens Institute of Technology, 2012
Bachelor of Engineering in Civil Engineering, Stevens Institute of Technology, 2009

PROFESSIONAL REGISTRATIONS AND CERTIFICATIONS

Professional Engineer (P.E.), New York (License No. 110992)
Professional Engineer (P.E.), New Jersey (License No. 24GE05254500)
Professional Planner (PP), New Jersey (License No. 33LI00638700)
Project Management Professional (PMP), PMI (PMP No. 1716290)
Planning & Scheduling Professional (PSP), AACE (PSP-2936)
Administrative Contracting Officer Warrant (USACE FY21-0003)
Federal Acquisition Certification in Contracting (FAC-C) Professional
DAU Construction Contracting Credential
DAWIA Contracting Level II
Department of Energy (DOE) Leadership Development Program (LDP) Graduate

PROFESSIONAL AFFILIATIONS

American Bar Association – Forum on Construction Law
Association for the Advancement of Cost Engineering International
Society of Construction Law – North America (Member of Board of Directors)

AWARDS AND HONORS

Department of the Army Civilian Service Commendation Medal
Department of the Army Achievement Medal for Civilian Service
New York District Commander's Field Representative of the Year 2014
Department of the Army Civilian Award for Humanitarian Service
Department of the Army Superior Unit Award
Secretary of the Army 2013 Contingency Contracting Team of the Year Award

TECHNICAL EXPERIENCE

- Proficient with critical cost and schedule analysis using Primavera P6
- CPM schedule analyses of the impacts of delays, disruption, acceleration, and loss of labor productivity
- Eichleay analysis, differing site conditions, concurrent delay analysis, acceleration claims, and defective design claims
- CPM schedule development and monthly progress reporting
- Direct and indirect damages assessments
- Expert negotiation skills applied during change order and claims negotiations
- Expertise with earned value management techniques to evaluate contractor claims and development of independent government estimates
- Management of all phases of project execution, including resource allocation, schedule/cost management, and construction
- Management of complex contract modifications and change orders
- Contract administration, including negotiation, approval, and implementation of contract adjustments
- Oversight of project performance, risk mitigation, and implementation of mitigation strategies
- Stakeholder engagement and alignment to achieve project objectives

PROJECT EXPERIENCE

Mr. Bachowski's project experience includes the successful completion of projects for the U.S. Army Corps of Engineers and U.S. Department of Energy. Additionally, he has evaluated change orders, Requests for Equitable Adjustment (REA), and claims for projects for which he was Responsible-in-Charge. Representative projects include the following:

Vertical Construction

- Construction of Naval Support Facility (NSF) Redzikowo, Poland. Multiple facilities were constructed to include: (1) a multi-purpose facility that provided berthing for ~200 sailors, medical facilities, food service facilities, and recreational facilities such as a gym, recreation room, convenience store, and barber; (2) a fire station; (3) a security control facility; (4) a general-purpose warehouse with a U.S. mail office; and (5) a public works facility with vehicle repair bays. The scope of work included all site features such as roads, parking facilities, sidewalks, basketball courts, a synthetic turf softball field, and full landscaping. Analyzed contractor claims regarding critical schedule delays, design defects, and miscellaneous changed conditions; developed the government's position and negotiated bilateral agreements.
- Demolition of an existing multi-use (office and industrial) facility and construction of a new 40,834 GSF facility that included Class A office space, warehouse space, and industrial facilities. Construction of new marine facilities to include a boat ramp and boat lift. Façade to include curtainwalls designed to comply with stringent DoD Anti-Terrorism Force Protection (ATFP) requirements. Innovative renewable energy design elements include a roof-mounted wind turbine and photovoltaic panels. The entire facility is flood proofed to withstand flood elevations up to 13 feet. Analyzed contractor claims regarding critical schedule delays, design defects, and miscellaneous changed conditions; developed the government's position and negotiated bilateral agreements.
- Administrative and financial closeout of a $900M design-build contract for the construction of a 1M GSF state-of-the-art federal government office building in Alexandria, VA. Supervised the construction of an

extensive tenant suite reconfiguration and building main entry modification project. Performed engineering analysis of latent construction defects, to include apparent failure of light-gauge steel door framing. Performed engineering analysis of multiple building commissioning issues, to include the building automation system and the testing and balancing of the building's mail sorting facility.

- Construction of a new 75,000 GSF facility at Brookhaven National Laboratory that includes modern conference facilities and Class A office space.
- Construction of multiple historical building restoration projects, including façade repairs, window replacements, fascia trim repairs, and roof replacements at the Northport Veterans Administration (VA) in Northport, NY.
- Construction of a 2.5MW emergency backup power facility for the Veterans Administration (VA) Hospital in Manhattan, NY. Analyzed contractor claims regarding critical schedule delays, design defects, and miscellaneous changed conditions; developed the government's position and negotiated bilateral agreements.
- Repair and reconstruction of the parking facilities at Jacob Riis Park in New York City.
- Construction of a replacement roof system for the Veterans Administration (VA) Hospital in Manhattan, NY.

Civil Construction

- Dredging and beach renourishment of Coney Island Beach in New York City. Scope also included repairs to NYC sewer outfall structures.
- Installation of rock groins and jetties at Plumb Beach in New York City. Scope also included minor beach renourishment work.
- Installation of rock groins and jetties at Rockaway Beach in New York City. Scope also included minor beach renourishment work.
- Repair and rehabilitation of existing utility infrastructure at Brookhaven National Laboratory. Scope consisted of 17 utility packages that will revitalize and upgrade existing major systems including steam, water, sanitary sewer, chilled water, and electrical systems.
- Installation of vehicular hazard mitigation devices at the Williamsburg Bridge in New York City to protect the bridge and pedestrians from vehicles and security threats. Design and construction adhered to stringent Department of State and NYC DOT standards.

Emergency Operations

- Responsible for management of the prime contractors for FEMA's debris recovery and disposal mission in the aftermath of Hurricane Sandy in New York City. Prime contracts included debris recovery throughout the Rockaways, Staten Island, and Coney Island.

Scientific & Experimental Facilities

- Led a team of subject matter experts responsible for the review of the technical scope, cost, schedule, earned value management, risk management, and environmental/safety/health (ES&H) processes/ procedures of the following projects:
  - Measurement of a Lepton-Lepton Electroweak Reaction (MOLLER) experiment at the Thomas Jefferson National Accelerator Facility.
  - Gamma-Ray Energy Tracking Array (GRETA) experiment at the Lawrence Berkely National Laboratory (LBNL).

- Princeton Plasma Innovation Center at the Princeton Plasma Physics Laboratory.
- High Rigidity Spectrometer (HRS) experiment at the Facility for Rare Isotope Beams at Michigan State University.
- Translational Research Capability facility at Oak Ridge National Laboratory.

- Analyzed cost and schedule data for the Large Baseline Neutrino Facility/Deep Underground Neutrino Experiment (LBNF/DUNE) at the Fermi National Accelerator Laboratory (Fermilab). Included analysis of baseline schedule, schedule updates, earned value metrics, and cost estimates for this $3.7B project.
- Analyzed cost and schedule data for the Proton Improvement Project #2 (PIP-II) at the Fermi National Accelerator Laboratory (Fermilab). Included analysis of baseline schedule, schedule updates, earned value metrics, and cost estimates for this $978M project.
- Analyzed project management processes and procedures for the Electron-Ion Collider (EIC) at Brookhaven National Laboratory. Included analysis of the project's governance, management structure, written processes and procedures, risk management, and acquisition strategy for this $2.8B project.

PROFESSIONAL EXPERIENCE

Long International, Inc.
New York, NY Area (April 2025 to Present)

As chief executive officer at Long International, Mr. Bachowski closely collaborates with the company founder, chairman, business development director, and chief financial officer on all matters related to corporate strategy and operations. He is responsible for supervising the day-to-day functions of the company, including oversight of consulting services, business development initiatives, and administrative operations. Mr. Bachowski prepares and delivers reports to the chairman, providing data-driven insights and strategic recommendations.

Mr. Bachowski plays a key role in the quality control process by peer reviewing expert reports addressing construction schedule delays, cost overruns, and complex project management issues. He also leads the development of client-facing materials, including detailed proposals and statements of qualifications, and is directly responsible for executing client consulting agreements.

In addition to operational leadership, Mr. Bachowski manages personnel across administrative, business development, and graphics functions, and oversees recruiting and hiring efforts to support the company's continued growth. He is instrumental in developing and implementing company-wide strategies, operational procedures, and business plans aimed at enhancing organizational performance. Working alongside the executive team, he helps define and monitor company performance goals to ensure alignment with long-term objectives.

U.S. Department of Energy, Office of Science, Office of Project Assessment
New York, NY Area (October 2022 to April 2025)

As an engineering and construction manager, Mr. Bachowski managed and coordinated independent project reviews for over US$2.7 billion in DOE Office of Science major capital asset projects. He ensured compliance with project management best practices, federal acquisition regulations, and DOE Order 413.3B, "Program and Project Management for the Acquisition of Capital Asset Projects," to drive innovative problem solving. In turn, Mr. Bachowski's innovative problem solving led to cost savings of up to US$108 million annually. He reduced project schedules by up to eight months across high-profile engineering, construction, and

scientific initiatives. Mr. Bachowski also led and coordinated project review committees of more than 30 subject matter experts, overseeing in-depth, multi-disciplinary evaluations of high-priority, complex projects. He provided strategic direction throughout the review process, ensuring alignment with organizational objectives and delivering actionable insights that drove transformative improvements in project performance, risk mitigation, and decision making.

Mr. Bachowski also served as the principal point of contact for the Project Management Career Development Program (PMCDP) within the Office of Science. He led the design and implementation of transformative policies to optimize the certification process for Federal Project Directors (FPDs) within the DOE Office of Science. He streamlined certification pathways, reducing processing time by 30 percent and achieving a 100 percent applicant success rate. Mr. Bachowski was also a mentor and coach for Federal Project Directors (FPDs) on certification processes, contributing to their professional development and organizational advancement. He was also a senior consultant to DOE executive leadership and external engineering experts. In a consulting capacity, he provided authoritative guidance on complex technical issues and represented the DOE at high-level national and international meetings, interagency collaborations, and technical committees. Furthermore, he delivered expert presentations at major professional conferences, industry forums, and working groups.

U.S. Department of Energy, Office of Science, Brookhaven Site Office
Upton, NY (January 2021 to October 2022)

Mr. Bachowski was a federal project director. In this role, he directed a portfolio of projects totaling US$245 million at Brookhaven National Laboratory, including the Science and User Support Center (US$85 million), Nanoscale Research Center Recapitalization (US$80 million), and Critical Utility Rehabilitation Project (US$80 million). He successfully managed all phases of project execution, from concept planning to construction, and ensured compliance with DOE Order 413.3B, Federal Acquisition Regulation (FAR), and the National Environmental Policy Act (NEPA). In addition, Mr. Bachowski led the engineering design and technical scope development for assigned projects, coordinating with internal and external stakeholders to ensure design integrity and alignment with project goals. He identified potential risks and implemented mitigation strategies to ensure project success. Mr. Bachowski coordinated with cross-functional teams to balance cost, schedule, and technical performance, ensuring projects were delivered on time and within budget. He authored and implemented federal planning, execution, and closeout documents, coordinating closely with senior DOE management, laboratory leadership, and other stakeholders to align project objectives with mission needs. Moreover, Mr. Bachowski led efforts to secure project funding through detailed cost estimates, risk analyses, and justifications. This included defending budgets before DOE Headquarters that resulted in full funding allocations and timely project completions.

U.S. Army Corps of Engineers, North Atlantic Division, Europe & New York Districts
New York, NY, and Wiesbaden, DE (October 2016 to January 2021)

As a resident engineer, Mr. Bachowski supervised a team of engineers and architects in the execution of high-priority projects for the U.S. Army Corps of Engineers (USACE). These projects included the European Aegis Ashore Missile Defense System at Naval Support Facility Redzikowo in Poland, the Caven Point Marine Terminal Project in Jersey City, New Jersey, and the South Shore of Staten Island Coastal Storm Risk Management Program. Mr. Bachowski oversaw all aspects of project execution, including resource allocation, schedule/cost management, and performance evaluations, ensuring that projects met stringent USACE requirements. Mr. Bachowski held an Administrative Contracting Officer (ACO) warrant for which he executed and oversaw complex contract modifications and change orders, ensuring compliance with

Federal Acquisition Regulations (FAR) and safeguarding government interests in high-value contracts. He managed contract administration, including negotiation, approval, and implementation of contract adjustments, maintaining accountability for project cost, schedule, and performance metrics.

Mr. Bachowski served as the lead negotiator for contract change orders and claims, leveraging project management tools, such as Primavera P6 and RS Means Online, to analyze project schedules and develop detailed government estimates. He led the negotiation of over US$19.7 million in change orders and REAs for the Poland Missile Defense Agency Program, achieving more than US$6 million in cost savings through strategic contract management and skilled negotiation. Additionally, he effectively negotiated US$4.6 million in change orders and claims for the Caven Point Marine Terminal Project securing US$1.3 million in cost savings and reducing time extensions by 65 percent. In addition, he facilitated partnering sessions between the government and contractor staff to resolve disputes, negotiate solutions, and maintain project momentum. He empowered field-level staff to resolve issues independently, resulting in a more collaborative work environment and improved project outcomes. Lastly, Mr. Bachowski extensively briefed flag/general officers, senior executive service staff, and congressional delegations, and successfully coordinated among the Missile Defense Agency, Naval Facilities Engineering Command, and U.S. Navy on the Missile Defense Project in Poland, to foster strong partnerships and ensure seamless integration of project objectives.

U.S. Army Corps of Engineers, North Atlantic Division, New York District
New York, NY, and Washington, D.C. (March 2009 to October 2016)

Mr. Bachowski was a senior project engineer. In this role, he was the lead construction manager for a wide range of projects in the New York Metro Area and served as the contracting officer's representative. He consistently delivered complex construction projects on time and within budget to the high satisfaction of USACE customers. Moreover, Mr. Bachowski provided critical cost and schedule analysis, using Primavera P6 and earned value management techniques to evaluate contractor claims and develop independent government estimates. This expertise enabled the government to negotiate favorable contract terms and minimize delays.

PUBLICATIONS AND SPEAKING ENGAGEMENTS

"Sustainability and Clean Energy Requirements for DOE Order 413.3B Capital Asset Projects," U.S. Department of Energy Federal Project Director Forum, October 2023

"Reviewing Baseline Schedules in Support of Critical Decision 2/3 for DOE Order 413.3B Capital Asset Projects," U.S. Department of Energy Federal Project Director Forum, March 2024

"Case Study – Application of Project Management Best Practices at the U.S. Department of Energy on the Aurora Veterans Administration (VA) Hospital Construction Project," U.S. Department of Energy Federal Project Director Forum, March 2025