

Edmund C. Williams, MBA, CCM, MSSBB

Edmund C. Williams has more than 30 years of experience in process systems design and management, inspections and engineering of complex construction and renovation projects. Edmund's Project Management experience includes energy audit for commercial buildings as well as rail systems and terminals, airports, hospitals and healthcare facilities, roadways and bridges, schools, libraries, theaters and cultural centers. His background and experience in electrical engineering have been integral in each of the projects to which he has been assigned. He also is highly adept at managing construction work and project teams, and in training end-users and owners. In addition, Edmund was Vice President of Operations and a director of instructors at the Industrial Management and Training Institute of New York, a New York State-licensed and nationally accredited school for apprenticeship training in electrical, plumbing and HVAC programs.

As Project Manager, Edmund will create and coordinate plans for project implementation; monitor the work of subcontractors, consultants, architects, engineers and vendors; oversee project budgets, schedules, bid negotiations, bid packages, change orders and site logistics; and manage requests for proposals and potential change orders. Edmund will supervise the delivery of our construction management services, including scheduling, requirements validation, budget validation, procurement support, design reviews, constructability reviews, cost management, quality management, lease modifications, commissioning management and post-construction phase services and continuous process improvements. His specialized computer software skills include Microsoft Project, Primavera P6 and Primavera Enterprise Project Portfolio Management. Estimating using eGordian Job Order Contracting.

Williams Electrical Mechanical Group, Inc. President and CEO

Project Management and Program Management Training, Schedule Analysis, Job Order Contracting Support and Quality Assurance Services.
Electrical and Mechanical Systems Testing, Energy Management Systems Testing and Audit Reporting for State and Federal Compliance.

(12- Present)

Hill International, Inc. STAFF AUGMENTATION

SUNY Purchase College – Center for Media, Film and Theatre, Purchase NY Senior MEP Engineer.

Edmund coordinated submittal review, MEP change management and managed phasing, quality assurance management and schedule activities review of the new construction project. (\$35 million project)

New York City Department of Design and Construction (NYCDDC), City Hall Renovation, New York, Senior Construction Engineer

Edmund assisted with the MEP management, BMS Installation and coordination of Fuel Cell, Solar Panels, Fire Alarm sign off and Building Department Approvals, for the \$104 million project. The City Hall Building is listed on the National Register of Historic Buildings.

EDUCATION:

B.S. Electrical Engineering, New Jersey Institute of Technology, 1978

M.B.A., Project Management and Sustainability Management, Keller Graduate School of Management, 2013

Certificate, Master Six Sigma Black Belt, Villanova University, USA, 2015

REGISTRATIONS:

Connecticut Licensed Electrical Contractor

Westchester County – Licensed Electrical Contractor
Certified Construction Manager CEM, CEA Candidate

PROFESSIONAL MEMBERSHIPS:

Project Management Institute
Construction Management Association of America
International Association of Electrical Inspectors
Association of Energy Engineers
American Society for Quality

Edmund C. Williams, MBA, CCM, MSSBB

New York Power Authority (NYPA) Energy Service Projects, White Plains, NY, Senior Construction Engineer

New York Power Authority (NYPA) is the country's largest state public power organization, producing some of the cheapest electricity in North America. Their 17 generating facilities and over 1,400 circuit-miles of transmission lines produce the power to help sustain more than 380,000 in the state of New York. Hill provides services to NYPA on an as-needed basis for selected energy services and distributed generation projects. As a project consultant for NYPA, Edmund oversaw project installation of an ice chiller and 13.8KV switchgear for The State University of NY (SUNY)-Purchase campus (\$14 million). He also provided oversight for project installation of 138KV and 27KV substation construction for Metro North Railroad which included new catenary, switchgear, SCADA and control buildings (\$46 million). In addition, Edmund was assigned as technical support for NYPA's "Build Smart NY" Executive Order 88 which requires all state agencies and buildings to reduce energy use by 20% per square foot by 2020. Specifically, his projects included:

- **SUNY Purchase Campus, NYPA Project Consultant.** \$14-million project installation ice chiller and 13.8KV switchgear.
- **SUNY Purchase Campus, NYPA Project Consultant.** \$ 50-million Campus Energy Master Plan Development Plan. Cooling Tower, Photovoltaic Solar Panel, Energy Savings Upgrade.
- **SUNY Purchase Campus, NYPA Project Consultant.** \$30-million Neuberger Museum – HVAC, Electrical and BMS Upgrade.
- **Yonkers Wastewater Treatment Plant.** \$12-million project installation Anaerobic Digester Gas Fueled Engine Generator to supplement plant distribution power.
- **Metro North Railroad, NYPA Project Consultant.** \$46- million project installation of 138KV and 27KV substation construction that included new catenary, switch gear, SCADA and control buildings.
- **NYPA's "Build Smart NY", Technical Support.** Implementation of Executive Order 88 which required all State agencies and buildings to reduce energy use by 20% per square foot by 2020.

(12 to Present)

New York City School Construction Authority (NYCSCA), New York, NY, Project Consultant Contingent Staff

Employed by Hill International as a Project Consultant Contingent staff member to senior management with the NYC School Construction Authority, Edmund provided management support from project scope, design, and construction to closeout. His major projects included:

- **New \$62-million, 1,200-student, 107,000 SF High School Renovation**
- **Two \$15-million Existing High School Science Lab Renovations**
- **A \$15-million, 4,000-student High School Restructuring, Structural Stabilization and Waterproofing**
- **High School Pool Installation**

(05-05)

New York City School Construction Authority (NYCSCA), New York, NY,

Edmund C. Williams, MBA, CCM, MSSBB

Project Officer

On behalf of the NYSCA which builds new public schools and manages the repair and renovation of capital projects for the New York City Board of Education encompassing 1,200 public schools and one million students, Edmund functioned under the direction of a NYCSCA Senior Project Officer, providing administration and coordination of activities for the design and construction of both new schools and major modernization of existing school projects. Edmund helps to ensure the quality and high standards of performance and compliance in both design and construction by all consultants and vendors. He makes decisions and takes action in a timely manner to expedite the timely completion of the construction process. He is also responsible for correction of mistakes and errors in design and construction before they can be extensively incorporated into the project or as early in the construction process as possible.

PRIOR EXPERIENCE

Energy Management for Utilities, Commercial and Industrial Firms, Norcross, GA, Vice President for Licensing

Edmund managed the electrical licenses and inspections required for energy retrofitting projects installed in Westchester County. He also replaced existing fluorescent and incandescent fixtures with more efficient ballasts and compact fluorescent bulbs.

(08-11)

Electrical and Mechanical Contracting Projects, Port Chester, NY, Specialty Electrical and Mechanical Contractor

Edmund performed service installation and upgrades, monitored installation of HVAC instrumentation controls, electrical power, heat and lighting systems. His major projects included:

- **Westchester Fertility Clinic Expansion** from 2,000 SF to 7,500 SF including new 800-Amp service, emergency generator, medical gases, patient examination and consultation rooms.
- **Mount Vernon Armory Electrical Upgrade, Mount Vernon, NY, Project Executive.** Edmund oversaw the upgrade of electric service, from 400 to 1,200 amps, to a former military property, which underwent a multi-million dollar rehabilitation to enable the site to be used for office and commercial space, healthcare clinics, and various community services.
- **Medical Suites Electrical Renovation** for dedicated circuits and isolated grounds.

(02-08)

Industrial Management and Training Institute of New York, New York, NY, Director and Vice President of Operations

Edmund managed school instructors as well as the New York State (NYS) License Proprietary curriculum for the Electrical, Plumbing and HVAC Apprenticeship Program for the Long Island City (LIC), New York campus. He also taught electrical theory, NEC code, and practical installations to a class

Edmund C. Williams, MBA, CCM, MSSBB

of 20 students.

(02-05)

The Port Authority of NY and NJ (PATH), Jamaica Air Train Project, Jamaica, Queens, NY, Senior Electrical Engineer Inspector

Edmund provided design review and inspections of substations, main vertical circulation building and portal canopy power distribution. He also supervised and reviewed equipment commissioning, start-up test and preventive maintenance training.

(02-05)

Engineering, Construction and Project Management, New York, NY, Senior Project Scheduler and Engineer

Edmund provided contract management and project scheduling; analyzed schedule for railroad outage conflicts, staging and phasing of construction activities; produced sub schedules and logic diagrams to schedule the interfacing between project work and train schedules. He also established an earned value management system to tie resource planning to project technical cost and schedule requirements for senior management reports. In addition, Edmund linked cost and schedule activities between Primavera P3 and Expedition 7.0 to develop monthly reports; provided cost loading and end-of-month project control; and provided cost estimates for civil mechanical and electrical contract changes. Specifically, his projects included:

- **JFK International Airport Air Train Terminal, Jamaica Station, Queens, NY**
- **Port Authority and Long Island Railroad, Seven-Story Air Terminal and Railroad Operations Building New Construction** (\$560-million, five-year project)
- **Landmark Railroad Terminal Building Rehabilitation**

(02-02)

New York City Department of Transportation, Macomb Street Bridge Rehabilitation and Roadway Resurfacing, Bronx, NY, Scheduler and Construction Electrical Inspector

For the \$230-million, three-year reconstruction of the Macomb Street Bridge rehabilitation and roadway resurfacing project over the Harlem River at Yankee Stadium, Edmund provided scheduling, inspection, and contract management using Primavera P3 and Expedition. Originally constructed in 1895, the swing drawbridge accommodates an estimated 40,000 vehicles per day and opens to allow marine traffic underneath. Edmund conducted detailed, on-site inspection of electrical work, scheduled work to ensure project progress, and managed related contracts to ensure that work on the three-phased project was completed on time.

(01-02)

Hospital, Healthcare and Medical Centers, Medical Equipment Installations, Iselin, NJ, Project Manager

Edmund C. Williams, MBA, CCM, MSSBB

Edmund provided project management and technical support, and provided site inspections, at hospitals, healthcare facilities and medical centers on turnkey installation of medical diagnostic and therapy equipment. His projects included 0.5-3 Tesla MRI, M Class Linear Accelerator Installation at Mount Sinai Medical Center, Columbia Presbyterian, Nassau County Medical Center, VA Medical Center and New York University (NYU) Medical Center.

(00-01)

New York School Construction Authority (NYSCA), Long Island City, NY, Project Manager

Edmund provided overall project management of new construction and capital improvement projects for the state agency. He had decision making authority for project phasing, scheduling and staffing; administration of construction management and general construction contracts. He was also responsible for preparation and monitoring of planning, design and construction schedules to help ensure on time and within-budget project completion. In addition, Edmund worked with architects and engineers of record on change orders, interpretations of contract documents, shop drawing submittals and approvals, and other technical matters to help ensure a structurally-sound, code-complaint, and aesthetic facility. He also conducted visits to job sites, made onsite change order decisions, negotiated with contractors, and committed SCA's resources on change orders. Edmund completed two new \$40-million schools within 24 months and without traditional construction management support. He also launched the pilot program and implemented the use of Primavera P3 and Expedition as the project management tool for cost accounting and project status recording.

Edmund was the recipient of the 1999 New York Construction News Award for one of the best school designs and construction projects in New York City. He also directed the ahead-of-schedule completion of a politically-sensitive asbestos abatement and demolition project, which allowed the contractor to receive a \$40,000 early completion bonus. Edmund also completed a new 96,000 SF Special Education Elementary Education School using 5% of the 12% contingency budget. In addition, he completed a new 111,000 SF combination Elementary and Intermediate School using 3% of the 8% contingency budget and he directed the on-time completion of the first major construction project without the use of an outside construction manager, generating a \$1.5-million savings in construction management fees.

(93-00)

General Contractor, Construction Management and Development Projects, New York, NY, Project Manager

On behalf of a firm with annual volume of \$100 million, Edmund estimated projects' mechanical and electrical sections; reviewed contract documents to identify potential problems that might lead to claims or change orders; managed and negotiated all claims; reviewed and tested new accounting and estimating software prior to purchase. Edmund directed on time completion of the following projects:

Edmund C. Williams, MBA, CCM, MSSBB

- **Countee Cullen Library Restoration, New York City.** Edmund managed the \$12 million restoration of the landmark Library.
- **New York Public Library, Schomburg Centre for Research in Black Culture, New York, NY.** 400-Seat Theatre and Cultural Center new construction.
- **Kings County Hospital Center, Brooklyn, NY.** Edmund managed the restoration of several buildings at the Kings County Hospital Center. The successfully completed projects were part of a \$100-million, ten-year plan to upgrade aging buildings at the 44-acre campus.

(90-93)

Electrical Erectors, Inc. NJ Light and Signal Company, Newark, NJ, President

Mr. Williams founded his own firm and successfully increased annual volume \$3 million in 1989. He was responsible for management of overall operations including financial management, profit and loss, project engineering, estimating, union negotiations, corporate and state purchasing, federal government and military base contract supervision, new business development, marketing, operations and client relations. His projects included:

- **The Port Authority of NY and NJ (PATH), Harrison and Kearny Yards.** Installation of 2000/1500 CM feeder cable rail bonds for communication negative return and potheads for third rails and PVC duct banks and manholes.
- **The Port Authority of NY and NJ (PATH), Dock Bridge.** Asbestos abatement of track substation and feeder cables and asbestos abatement of a railroad bridge transit conduit.
- **The Port Authority of NY and NJ (PATH), Grove Street Station.** Installation of subway track lighting, antenna systems, communication systems, and third rail welding.
- **New Jersey Department of Transportation (NJ DOT).** Maintenance and installation of fully actuated traffic signal controllers and roadway lighting.
- **The Port Authority of NY and NJ (PATH).** Installation of computer room power and network wiring.
- **New Jersey Department of Transportation (NJ DOT), Jackson Street Bridge.** Modernization and Roadway Improvement.

(79-90)