

# STATE OF NEW JERSEY, DEPARTMENT OF TREASURY DIVISION OF PROPERTY MANAGEMENT & CONSTRUCTION

# INDEFINITE DELIVERY INDEFINITE QUANTITY (IDIQ) MULTIPLE AWARD TERM CONTRACT (CMF 004) FOR CONSTRUCTION MANAGEMENT SERVICES ON VARIOUS STATE AGENCY PROJECTS

NOVEMBER 28, 20231 DPMC PROJECT #J0405-00









# STATEOFNEWJERSEY, DEPARTMENTOFTREASURY DIVISION OF PROPERTYMANAGEMENT& CONSTRUCTION INDEFINITE DELIVERY INDEFINITE QUANTITY (IDIQ) MULTIPLE AWARD TERM CONTRACT (CMF 004) FOR CONSTRUCTION MANAGEMENT SERVICES ON VARIOUS STATE AGENCY PROJECTS

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Hill International, Inc.
Headquarters

Submitted via: jennifer.roeckel@treas.nj.gov and william.mahan@treas.nj.gov

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Department of the Treasury
Division of Property Management & Construction
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Attn: Jennifer Roeckel, Contract Procurement Unit and William Mahan,

Consultant Selection Coordinator

Subject:

November 27, 2023

Indefinite Delivery Indefinite Quantity (IDIQ) | Multiple Award Term Contract (CMF 004) Construction Management Services on Various State Agency Projects

DPMC PROJECT#: J0405-00

Dear Ms. Roeckel and Mr. Mahan:

The Division of Property Management & Construction (DPMC) is responsible for numerous buildings across the state and Hill International Inc. (Hill) is fully committed to help manage upcoming capital improvements as efficiently as possible. Hill offers DPMC a competitive advantage to complete projects successfully. Below are several differentiators regarding our team and approach:

- NJ Experience: Hill has worked extensively with various New Jersey agencies including New Jersey Transit (NJT), New Jersey Turnpike Authority (NJTA), New Jersey Department of Transportation (NJDOT), New Jersey Economic Development Authority (NJEDA), and New Jersey Schools Development Authority (NJSDA) so we are very familiar with state regulations, administrative procedures and procurement requirements.
- **Diversified Project Portfolio**: Hill has in-house specialists with technical knowledge on a variety of relevant project types including historic renovations, office, hospital, education, warehouse, museum and parks. Our team will bring their best practices to your important program.
- Budgets That Work: Going over budget is not an option when you have a fixed financial proforma and Hill's cost estimating expertise provides our clients certainty so they can confidently plan future work.
- Quality Control: Hill's architects and engineers regularly work with designers to find options and solutions that save time and money by resolving constructability issues before construction starts
- Local Relationships: We are on a first name basis with local officials and our expeditors will
  facilitate critical approvals to avoid delays in permitting, inspections and obtaining Certificates of
  Occupancy.
- Claims: Hill has a history as the largest construction claims firm in the world.
- Project Labor Agreements: Hill knows the New Jersey labor market and we have provided PLA support services for more than 50 public and private capital construction projects totaling over \$40 billion.
- Transparency: We are prequalifled at the highest level with DPMC, and we carefully comply with all laws related to conflict of interest, financial disclosure and ethics.



**NEW JERSEY DPMC PREQUALFICATION (FORM 48A):** As part of this program, we have included the following State of New Jersey Department of the Treasury Division of Property Management and Construction (Form 48A) prequalified prime consultant and sub-consultants:

### Construction Management Discipline (P029) Rating: "\$15 million or greater"

Prime; Hill International, Inc.
 Sub: LiRo Program & Construction Management P.C.
 Prequalified - Yes
 Prequalified - Yes

### Critical Path Method (CPM) Scheduling (P030) Rating: "\$15 million or greater"

Prime: Hill International, Inc.
 Sub: LiRo Program & Construction Management P.C.
 Sub: M TO-PROS Development, Inc. (MBE-WBE) (SBE)
 Prequalified - Yes
 Prequalified - Yes

### Estimating/Cost Analysis (P025) - no DPMC prequalification rating required per Addendum No. "B"

Prime: Hill International, Inc.
 Sub: LiRo Program & Construction Management P.C.
 Sub: GEI Consultants, Inc.
 Sub: M TO-PROS Development, Inc. (MBE-WBE) (SBE)
 Sub: M&E Engineers, Inc. (SBE)
 Prequalified - Yes
 Prequalified - Yes

**NEW JERSEY SBE PREQUALIFICATION (Goal 25%):** Hill is committed to small, disadvantaged businesses. As part of this program, we have included two certified State of New Jersey, Department of the Treasury Division of Revenue & Enterprises Services subconsultant firms:

M TO-PROS Development, Inc. (MBE-WBE) (SBE), Category 2 & 5 Approved Small Business Enterprise (SBE) N.J.A.C. 17:30, Certification No. A0397-34, Issued 8/30/2023, Expiration date 8/30/2028.

**M&E Engineers, Inc. (SBE)**, Category 2 & 5 Approved Small Business Enterprise (SBE) N.J.A.C. 17:30, Certification No. A0341-53, Issued 3/30/2023, Expiration date 3/30/2028.

Hill acknowledges receipt and review of Addendum "A" dated November 03, 2023, and Addendum "B" dated November 17, 2023 associated with DPMC Project #J0405-00.

Ultimately, we believe that Hill's depth of resources, New Jersey experience and competitive price offers DPMC the best overall value. Thank you for your consideration of our qualifications. Should you have any questions, please do not hesitate to contact me on my mobile at 1925-1925 or by email at

otary Seal

have any questions, please do not hesitate to contact me	on my mobile at
Sincerely, Hill International, Inc.	
Print Name: Title: First Vice President	
Tel:	
Date: November 27, 2023	-
ATTESTED: Subscribed and sworn to before me this 27	day of Nov , 2023.
Notary Public	
	Commonwealth of Pennsylvania - I

### CMF 004 TERM CONTRACT

### CONSULTANT AFFIDAVIT

### IMPORTANT - PLEASE READ, SIGN AND PROVIDE INFORMATION REQUESTED BELOW

Affidavit: I, being duly sworn upon my oath, hereby represent and state the foregoing information contained In the Term contract Proposal and any attachments thereto the best of my knowledge are true and complete. I acknowledge that the State of New Jersey (Owner) is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the Owner, or its contractors, to notify the Owner in writing of any changes to the answers or information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreements(s) with the Owner and that the Owner, at its option, may declare any contract(s) or sub-contract(s) resulting from this certification void and unenforceable.

Signature of the consultant below attests that the Consultant has read, understands and agrees to all terms, conditions and specifications set forth in the CMF 004 Term Contract Request for Proposal (RFP). Signature of the Consultant signifies that a contract is established immediately upon notice of award by the Stale of New Jersey for any or all of the items and the length of time indicated in the proposal. Failure to accept a contract award, to hold prices or to meet any other terms or conditions as defined in the request for proposal and agreement, and subsequently the Notice of Award, during the term of the contract, shall constitute a breach of contract an may result in suspension or debarment from further contractual agreements with the Owner.

Signature and Title of Principle or Individual of the firm authorized to sign contractual documents:

Firm Name;						
Signature:		Print N	ame:			
Title:		Date:	Noven	nber 27, 2	023	
	Sworn and subscribed to before me on the	2	1	dayof_	Vov	9023 , <del>199</del> 8. ни
Signatur (1	Notary Public-Not an Officer of the Firm)			Cemm	conwealth of Penr	nsylvania - Netary Seal

RETURN THIS COMPLETED DOCUMENT TO DPMC (PAGE 1 OF 8)

TERM CONTRACT CMF 004 DATE: 8/24/23



# SECTION 1 FIRM/TEAM ORGANIZATION OVERALL CAPABILITY AND KEY PERSONNEL

### FIRM/TEAM ORGANIZATION | OVERALL CAPABILITY AND KEY PERSONNEL

### **SERVICES**

**Program Management** 

**Project Management** 

**Construction Management** 

Project Management Oversight

**Troubled Project Turnaround** 

**Staff Augmentation** 

Labor Compliance Management

**Project Labor Agreements** 

**Facilities Management** 

Commissioning

**Project Controls** 

Estimating and Cost Management

Advisory

Risk Management

**Management Consulting** 

### INTRODUCTION

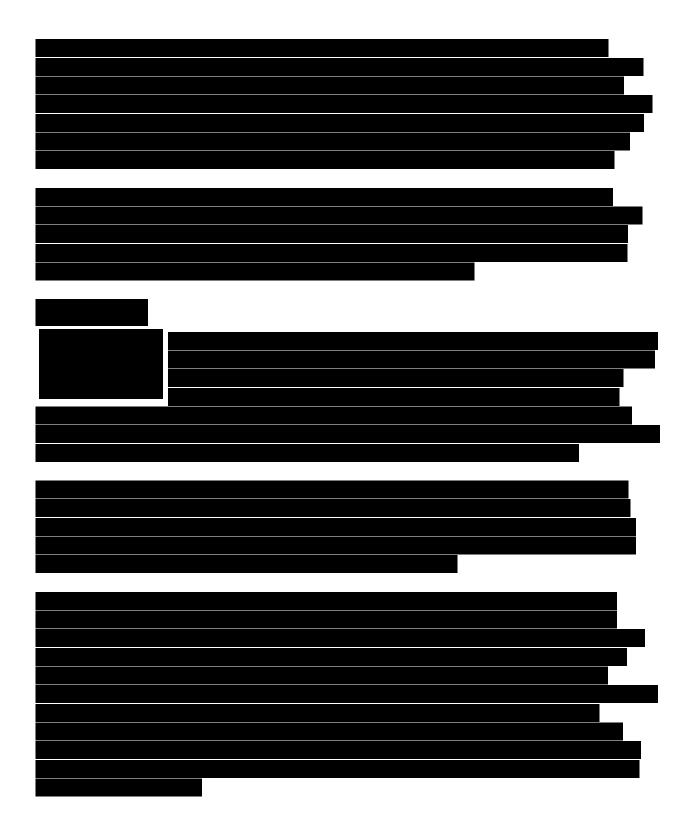
Hill International, Inc. (Hill) is an international construction consulting firm that provides program and project management, construction management, cost engineering and estimating, quality assurance, inspection, scheduling, risk management, and claims avoidance to clients involved in major construction projects worldwide. Hill has participated in over 10,000 project assignments, with a total construction value of more than \$1 trillion. Hill is the 4th largest project and construction management firm in the U.S., as featured in *Building Design + Construction* magazine. We are also ranked the 8th largest overall U.S. construction management firm by *Engineering News-Record* magazine.



### **SUBCONSULTANTS**







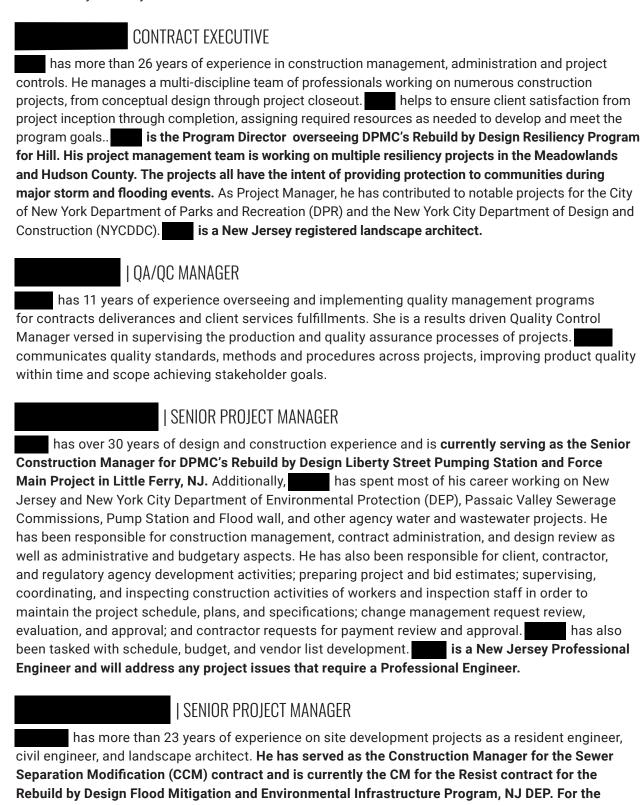




### PROPOSED STAFF

Our people are our greatest strength and the Hill team has a diversified group of talented managers and inspectors with the qualifications, experience and knowledge to quickly and effectively respond to DPMC's requirements. Hill can easily service work in any part of the state with resources from our New York City office as well as support from our office in Philadelphia. We offer in-house staff

with relevant New Jersey experience and the technical expertise required to deliver DPMC projects successfully. Our Key Team Members include:









required for the successful operation of high performing buildings. He is providing construction management services to New York State Office of Parks, Recreation and Historical Preservation on the Riverbank State Park Aquatics Facilities' project in the Bronx.

## | PROJECT MANAGER

is a licensed civil engineer with eight years of experience in all phases of construction management and engineering. He has worked on a vast variety of projects including, but not limited to, capital improvement projects with local municipalities, roadway, bridge, and sidewalk construction, stormwater management, residential construction, commercial renovations, and recreational facilities, including basketball courts, baseball/softball fields, pervious play areas, and turf fields. served as the Office Engineer for Hill's work on New York City Department of Design and Construction's Superstorm Sandy Housing Recovery Build-it-Back (BiB) Program.

Sal, Kevin, Francis, and Matthew will oversee Hill personnel on-site and supervise the inspection of materials, as well as assist in resolving construction processes and recommend improvements.

### | SUPERINTENDENT

has more than 40 years of experience in residential and commercial construction, including improvement projects, process plants and work for high-technology communications and defense clients. He has a detailed knowledge of building trades, and specializes in maximizing subcontractor production while also managing multiple, concurrent projects. He is an expert in New York City building codes, and is skilled at reading architectural, structural and off-site plans.

### SUPERINTENDENT

has more than 29 years of experience in the construction industry. A commercial construction specialist, Todd is well-versed in building codes and regulations, conducting accurate measurements and estimates, setting up a safe job site, and managing the permitting process. He develops project budgets and baseline schedules, and exhibits blueprint fluency. Additionally, possesses security systems knowledge as well as structural and architectural pre-cast concrete and stone familiarity.

### | SUPERINTENDENT

has more than 25 years varied experience, including supervising/inspecting construction projects related to roadway infrastructure, utility treatment facilities and site development. He also performs safety and compliance management on job sites. He has designed and inspected roadway, utility, water and sewer systems, and inspected public and nonpublic service utilities. He has coordinated field activities with design changes and internal scheduling and has managed CPM schedules. He coordinates work progress with government agencies, including preparation of site plans, documents and applications for various municipal and agency approvals. He is well-versed in working with experienced staff, highway construction, and bridge joints. is a NICET III and OSHA certified.



# | SUPERINTENDENT

has more than 20 years of professional experience and most recently served as Resident Engineer for the McDonald Playground Reconstruction for NYC Parks, as well as a wide range of large and complex projects. Throughout his professional career, his focus has been with the installation of engineered soils, recreational parks, and large planting sites as well as large civil construction projects.

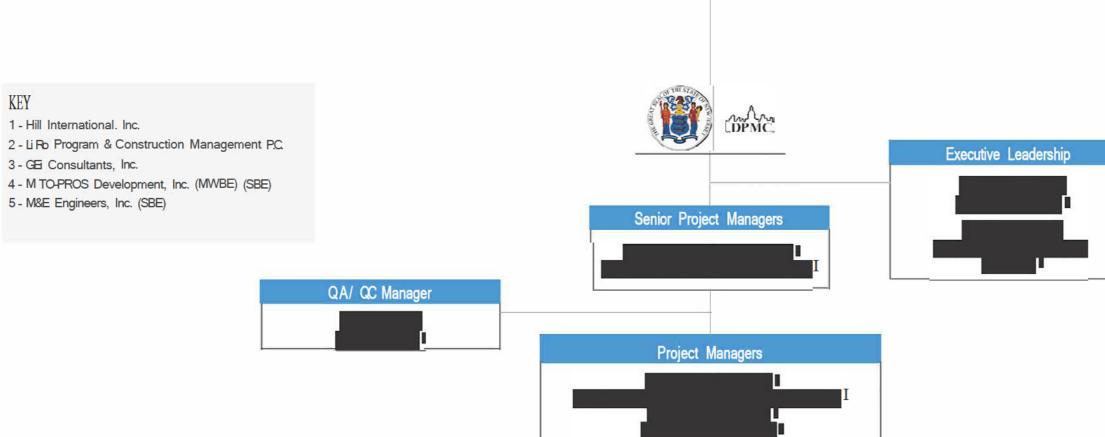
The organization chart on the following page demonstrates our depth of resources in each major category of service.

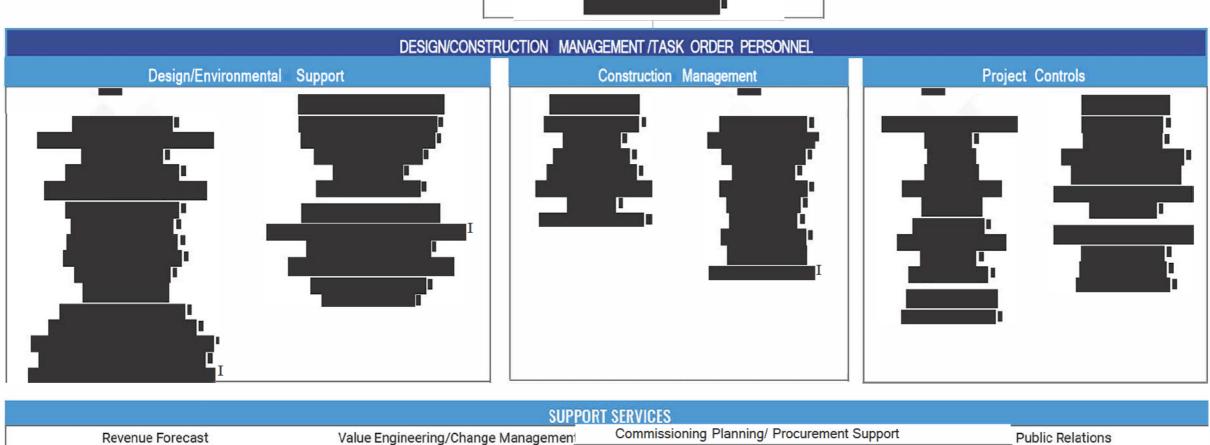
Hill is committed to promoting small businesses and we will meet DPMC small participation goal of 25% by utilizing the services of **M To-Pro** and **M&E Engineers**. Both firms are certified SBE's by DPMC.

### RESUMES/KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEETS

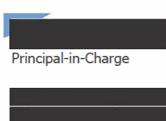
Resumes are included at the end of this section.







Revenue Forecast





### RELEVANT EXPERIENCE

New Jersey Division Of Property Management And Construction (DPMC), Rebuild by Design and Other NJ DEP Flood Mitigation and Environmental Infrastructure Projects, Secaucus, Hoboken, Weehawken, and Jersey City, NJ, Principal-in-Charge

is providing executive oversight of the project and construction management services to the New Jersey Department of Environmental Protection (DEP), provided by Hill as part of a joint venture under a contract with the New Jersey Division of Property Management and Construction (DPMC) for flood mitigation and environmental infrastructure projects. The Hill team is supporting two Rebuild by Design (RBD) projects. The RBD projects originated with a design competition sponsored by the U.S. Department of Housing and Urban Development (HUD) to find effective ways to protect people, homes, businesses and infrastructure, and to increase resilience in regions affected by Superstorm Sandy. At



the conclusion of the RBD competition, HUD selected two projects for New Jersey. The state will receive Community Development Block Grant-Disaster Recovery (CDBG-DR) funds to implement these projects. Task orders to date include:

- RBD Hudson River. A multi-faceted approach to address flooding from both major storm surge and high tide as well as from heavy rainfall events to benefit flooding areas in Hoboken, Weehawken and Jersey City. The state has received \$230 million in CDBG-DR funds to implement this project.
- RBD Meadowlands. A multi-year effort to plan, design, and implement various flood reduction and
  resiliency measures, using \$150 million in CDBG-DR funds to implement "Pilot Area 1" of the flood
  mitigation project that encompasses portions of the towns of Carlstadt, Little Ferry, Moonachie,
  South Hackensack, and Teterboro. Hill is assisting the DEP in determining the best, most cost
  effective way to implement comprehensive flood protection.

# New York City Department of Design and Construction, Superstorm Sandy Housing Recovery Build-It-Back (BIB) Program, New York, NY, Principal-in-Charge

is responsible for the overall contract to provide program, project, and construction management and related support to the New York City Department of Design and Construction (NYCDDC) and the Housing Recovery Office (HRO) in the repair, rebuilding, and elevation of homes damaged by Superstorm Sandy. Through the HRO's Build-it-Back (BiB) program, residents and owners of the more than 11,000 residences impacted by Sandy will ultimately be able to return to their homes. Funding for the BiB program is provided through Community Development Block Grant – Disaster Recovery (CDBG-DR) funds from the U.S. Department of Housing and Urban Development (HUD). Hill is providing comprehensive construction management services for the BiB Program and is responsible for providing construction and inspection management, program advisors, environmental health and safety (EHS) support, program controls and document management, customer service support, contract management, standard protocols for work execution, utility coordination and permit compliance, quality assurance/quality control auditing, and other services on an as-needed basis.

# New York Governor's Office of Storm Recovery (GOSR), Disaster Recovery CM Support Services, New York, NY, Principal-in-Charge

provides executive oversight for construction management support services provided to the Governor's Office of Storm Recovery (GOSR) through an Indefinite Delivery/Indefinite Quantity (IDIQ) contract. Hill is supporting the implementation and administration of a broad range of programs, funded by Housing and Urban Development (HUD) Community Development Block Grant Disaster Recovery (CDBG-DR) funds. Hill's services include damage assessments, environmental assessments, inspection services and construction management. Through individual task orders, Hill is developing and implementing procedures for submittals, change order management, payment requests review and approval and compliance with local, state, federal and GOSR regulations. Hill is also establishing procedures to confirm HUD Green Building Retrofit Checklist requirements, permitting needs, clearance procedures, safety coordination and reporting.



### Project Executive

has over 25 years of construction and program management experience. He manages a multi-discipline team of professionals working on numerous construction projects, from conceptual design through project closeout. - helps to ensure client satisfaction from project inception through completion, assigning required resources as needed to develop and meet the program goals. As Program Director, contributes to and monitors the project budgets, develops schedules, conducts project meetings, assists with preparation of bid documents, coordinates estimates, organizes constructability reviews, and reviews contractor plans. He helps to ensure quality control through enforcement of contract documents and acts on owner's behalf to coordinate overall project progress.

# State of New Jersey DEP, Rebuild by Design Resiliency Program, NJ, Project Director

As Project Director, oversees Hill's project management team working on multiple resiliency projects in the Meadowlands and Hudson County. The projects all have the intent of providing protection to communities during major storm and flooding events. Projects include storm sewer modification and flood wall in Hoboken, multiple pumping stations, force mains, channel improvements, and green infrastructure projects. The construction value of the program will exceed \$300 million.

### New York City Department of Parks and Recreation (DPR), Superstorm Sandy Beach Restoration Emergency Contracts, Coney Island and Manhattan Beach, NY, Senior Project Director

Serving on multiple emergency capital projects related to the restoration of beaches in Queens and Brooklyn, managed multiple contracts and contractors for the emergency cleanup and safe up beginning in December of 2013. All beaches were open by Memorial Day. Gene oversaw Hill's project managers as they coordinated the efforts of numerous agencies including New York City Department of Parks and Recreation, FEMA, NYS Office of Emergency Management, National Park Service, New York City Department of Environmental Conservation, New York City Department of Design and Construction, New York City Department

### New York City Department of Parks and Recreation (NYC Parks), New York, NY, Program Director

- has been managing Hill's NYC Parks program since 2007. This program provides critical infrastructure to the City's communities. He manages a large team that includes project managers, resident engineers, inspectors, and other professionals working on the program, which consists of constructing new facilities and reconstructing existing sites.

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Project types include extensive site-work, green infrastructure, utility upgrades, storm water management, urban plazas, new construction, building renovations, athletic fields, historic structures, facilities, playgrounds, paving, site lighting, and landscape installation. The majority of these projects include significant earthwork, contaminated soils, subsurface utilities, and work within public right of ways, and involve the coordination and interface with various utilities companies and local agencies. Gene has managed over 100 NYC Parks and site development projects with construction values that total nearly \$1 billion. Projects completed in the Rockaways include Beach 98th Street Playground, Shorefront Multipurpose Space, Sandpiper Playground, Rockaway Skatepark, the Handball Courts at Rockaway Beach, and Sandy Beach Cleanup. A selection of projects are listed below:

- Riverside Park South (\$18 Million): This project included the construction management of a new, six-acre park along the west side of Manhattan known as Riverside Park South (Phase V). The project includes a significant amount of site amenities covering numerous categories such as a large central staircase descending over 30 feet to the Hudson River waterfront, paved plazas for passive recreation, seating areas, sport courts, water features, park lighting, playgrounds, dog run, custom planters with integral seat walls, custom stainless steel railings, and extensive landscape installation. The project also includes a half-mile access road under the West Side Highway with a new bike lane. The project site contained a large amount of contaminated soil, which required development of a detailed removal and disposal plan. Coordination with multiple state and city agencies was critical to the project's success.
- Alley Pond Environmental Center (\$21 Million): Project includes the construction management
  of the new Alley Pond Environmental Center in Queens. The project includes construction of a
  prefabricated structure that will act as the temporary home for the Environmental Center while the
  new facility was being built. Work includes demolition of the existing structure, driving steel piles
  for the new building and geothermal wells. The new facility will be home to many small animals
  and will contain classroom spaces to serve as an educational facility for the community. The new
  Environmental Center will be a LEED certified project.
- Battery Playscape (\$16 Million): Working closely with both the Battery Park City Authority and NYC Parks, Hill provided for the reconstruction and expansion of the existing playground, to include upgrading the play equipment, park lighting, and irrigation and drainage systems, along with other park amenities. This project was partially funded by HUD through Lower Manhattan Development Corporation (LMDC). Accurate documentation was critical at all times. The site conditions also required an MTA force account and compliance with other agency requirements regarding protecting existing utilities and infrastructure.

# New York City Department of Design and Construction (NYCDDC), Lion House at the Bronx Zoo, New York, NY, Assistant Project Manager

As the largest building on renowned Astor Court, the Lion House was originally designed as an exhibit area for big cats. The Lion House required major infrastructure work before it could safely be transformed into the new Madagascar Exhibit. The planned reconstruction of this landmark building involved significant roof and façade work to restore the remarkable terra cotta animal friezes and sculptures to their original condition. provided onsite construction management services for the reconstruction of the historic Lion House at the Bronx Zoo. His responsibilities included constructability reviews, estimating, scheduling, document controls, invoicing, RFIs and submittals.





has over 30 years of design and construction experience, primarily working on New York City Department of Environmental Protection (NYCDEP) and other agency water and wastewater projects. He is currently serving as the Senior Construction Manager for DPMC's Rebuild by Design Liberty Street Pumping Station and Force Main Project in Little Ferry, N.J.has been responsible for construction management, contract administration, and design review as well as administrative and budgetary aspects. He has also been responsible for client, contractor, and regulatory agency development activities; preparing project and bid estimates; supervising, coordinating, and inspecting construction activities of workers and inspection staff in order to maintain the project schedule, plans, and specifications; change management request review, evaluation, and approval; and contractor requests for payment review and approval.has also been tasked with schedule, budget, and vendor list development.

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### RELEVANT EXPERIENCE

New Jersey Division of Property Management and Construction (NJ DPMC), Rebuild By Design Liberty Street Pumping Station and Force Main Project, Little Ferry, NJ, Senior Project Manager

- Senior Construction Manager for the construction of a new pump station and force main to reduce the impact of storm events by reducing flooding valued at \$45M.
- Responsible for overseeing the construction of the new pump station, new force main and dissipation structure.
- Develop and mentor a team of construction management staff to ensure the Contractor complies with contract documents and act as the driving force to complete the project on schedule.

New York City Department of Environmental Protection (NYCDEP), REG-23B Citywide Collection Facilities Supervisory Control and Data Acquisition (SCADA) System, New York, NY, Senior Construction Manager

- served as Senior Construction Manager for three projects (Reg-024D, 026, and 027) valued at \$60 million. His responsibilities included document control via a project document management control system (Expedition). He provided street construction supervision at 150 DEP regulator locations. The scope of work included manhole installation, instrumentation, and electrical controls. - reviewed the contractor's

preliminary, baseline, and CPM schedule updates; enforced the contractors' health and safety procedures; and was responsible for review and approval of the contractors' partial payment requests and preparation of change orders, including cost estimates, scopes of work, and justifications. He also answered contractors' RFIs and participated in the development of project procedures and provided management of a construction field office staff of 10.

# New York City Department of Environmental Protection (NYCDEP), PW-112-N Construction Management Services for Bureau of Wastewater Treatment (BWT) Capital Projects, New York, NY, Senior Construction Project Manager

This contract encompassed over 50 job orders with a budget over \$14 million. was responsible for overseeing the construction contracts as the lead of the Construction Project Management team. He worked on a proposal team for Construction Management Projects for New York City Department of Environmental Protection (NYCDEP), New York City Department of Design and Construction (NYCDDC), New Jersey American Water, and Metropolitan Transportation Authority (MTA). He won EE-CM5B: Construction Management Services for Various DEP Downstate and Upstate Infrastructure Projects valued at \$8 million.

# New York City Department of Environmental Protection (NYCDEP), 26th Ward Wastewater Treatment Plant Upgrade – High-Level Main Sewage Pump Improvements (Contract 21) and Preliminary Treatment Reliability Improvements (Contract 20), New York, NY, Construction Manager

served as Construction Manager for two projects (26W-20 & 26W-21) valued at \$150 million. He was responsible for overseeing construction of the new main sewer pumps, new turbo blowers, new preliminary settling tank, new splitter box, and process yard piping. He developed and mentored a team of construction management staff to confirm the contractor complied with contract documents and acted as the driving force to complete the projects on schedule.

# New York City Department of Environmental Protection (NYCDEP), Total Residual Chlorine Reduction Program, Port Richmond, NY, Resident Engineer:

As Resident Engineer for upgrading of a hypochlorination facility valued at \$6 million, was responsible for processing change orders and contractor's payments, managing the CPM schedule, and safety. He developed and mentored a team of construction management staff to verify the contractor complied with contract documents, and acted as the driving force to complete the project on schedule.



### Senior Project Manager

has more than 22 years of experience on site development projects as a resident engineer, civil engineer and landscape architect. He has served as the Construction Manager for the Sewer Separation Modification (CCM) contract and is currently the CM for the Resist contract for the Rebuild by Design Flood Mitigation and Environmental Infrastructure Program, NJ DEP. For the Governor's Office of Storm Recovery (GOSR),. conducted site visits and prepared damage assessments for small businesses in the State of New York impacted by Hurricane Irene and Superstorm Sandy. He has performed a variety of tasks, including grading, drainage, planting and lighting design, developing construction details, cost estimating, and construction administration services for implementation. • has been involved in a variety of site rehabilitation and urban transportation projects in both the public and private sectors for clients, including the New York City Department of Parks and Recreation. will be available to address any project issues that require a Professional Engineer.

### RELEVANT EXPERIENCE

### New York City Department of Parks and Recreation (DPR), Riverside Park South Phase V, Manhattan Construction, New York, NY, Project Manager

is managing the construction of a 6-acre, 17.5 million new park located on the upper west side of Manhattan. The project includes numerous site amenities, including planters, stainless steel railings, water features, extensive accent lighting, play equipment, and bike paths. Partially funded by FHWA and NYSDOT, the project also incorporates a new half-mile access road and resurfaced bike lane. - is managing the entirety of the project, with tasks ranging from composing daily reports, running progress meetings, tracking RFIs and submittals, inspecting all work, and processing all payments.

### Governor's Office of Storm Recovery (GOSR), Small Business Damage Assessments, Multiple Locations, NY, Project Manager

 conducted site visits and prepared damage assessments for small businesses in the State of New York impacted by Hurricane Irene and Superstorm Sandy.

Firm Hill International, Inc.









# New York City Department of Parks and Recreation (DPR), Riverside Park South Phase V, Manhattan Construction, New York, NY, Project Manager

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# New York City Department of Parks and Recreation (DPR), ADA Pedestrian Ramp at Dyckman Street, Manhattan Construction, New York, NY, Resident Engineer

managed the construction of an elaborate pedestrian and bicycle ramp connecting the Hudson River Greenway to Inwood Hill Park. The \$6.6 million project entailed erecting a series of colored reinforced concrete retaining walls and ramps along a steep hillside. Incorporating several switchbacks, the walls were built on a combination of spread footings and augured soldier piles. Other components included landscape planting, street lighting, decorative fence railings, park signage, site amenities, stonework, new sidewalks, and a new drainage system. The managed the project, with the assistance of a second resident, from kickoff through completion. He coordinated biweekly progress meetings, handled all correspondence between the contractor and the client, processed payment requisitions and oversaw all required inspections per Department of Buildings guidelines.

# New York City Department of Parks and Recreation (DPR), Far Rockaway Park West, Queens Construction, New York, NY, Resident Engineer

managed the construction of this sixa-acre beachfront park on the southern coast of Long Island. This project provided a wide range of active and passive activity spaces for the public. Project scope included a landmark comfort station, extensive underground water retention systems, sitewide electrical and water supply systems, a new turf field with sports lighting, installation of various pavement types, a parking lot, playground equipment, a water play system, extensive landscaping, and other amenities. The comfort station boasts a wavelike asymmetric, steel reinforced cast-in-place curved concrete roof visible from the Rockaway boardwalk. The construction of the new design, provided onsite quality assurance, documented work progress, processed payment requisitions, and tracked the contract budget.

# New York City Department of Parks and Recreation (DPR), PlaNYC Asphalt to Turf Unit of Capital Projects Division, New York, NY

managed site construction activities associated with the transformation of multipurpose asphalt fields into synthetic turf. The project included a new synthetic multipurpose turf field, curb, and pavement improvements along with newly added fencing, benches, a water fountain, and plantings. provided the day-to-day communication link between DPR and the general contractor on all design, safety, and construction related issues. His other responsibilities included site inspection, technical design review, daily and weekly site progress reporting, and budget estimating as well as the tracking and processing of payments.





has 11 years of experience overseeing and implementing quality management programs for contracts deliverances and client services fulfillments. She is a results driven Quality Control Manager versed in supervising the production and quality assurance processes of projects. - communicates quality standards, methods and procedures across projects, improving product quality within time and scope achieving stakeholder goals. Her specialized software skills include MTABC Constructware, SharePoint, Porcore, and Vista.

### Firm Hill International, Inc.

### RELEVANT EXPERIENCE

### PJS Group/PJS Electric, Inc., New York, NY, Quality Control Manager

- directed the quality assurances of specified contracts for public work project(s), including the transportation industry, exceeding 7M + achieving product and service conformance through regulations compliance. She also carried out approved contract work plans of electrical systems, devices and maintenance work achieving stakeholders goals and developed quality and safe work plans, performing regular assessments through OSHA standards guidelines. Projects there included:
  - DASNY Contract #12207 Louis Armstrong House Museum
  - MTABC Contract #8-62022 MTA Bus Company: Security Upgrades at JFK & Spring Creek Bus Depots
  - Ericsson Contract #DAS Grand Central Terminal and PAT Wireless Project

### New York Light Source, New York, NY, Assistant Project Manager

managed project contract from inception to final approved closeouts and communicated with stakeholders providing progress work status and critical schedule milestones. She also streamlined amendments, bulletins throughout the planned stages ensuring project was built to as-built drawings and current specifications and ensured required purchase order materials, devices and equipment were on site to perform project tasks. Additionally, identified risks mitigating impacts prior to readiness system commissioning ensuring timely deliverables, managed and prepared monthly financial budgets, change orders and billing requisitions, and evaluated RFIs for implemented change cost estimate proposals, increasing contract value.



### **GLT Construction, LLC, White Plains, NY, Assistant Project Manager**

was responsible for 4M+ operating project managing all phases and project scope from inceptions to closeouts and prepared and obtained fully executed contracts, agreements, subtracts and proposals. She also oversaw the quality submittal data management and centralized activities through a shared project management tools and maintained project insurances, permits, licenses, certifications, warrantees, trainings and O&M manuals.





Project Manager

is an experienced Certified Construction Manager with extensive experience in New York City. has served as Resident Engineer on notable, high-profile projects for NYC Parks, providing daily documentation and administrative follow-up, conducting field inspections, and serving as a centralized intermediary between team members. He also coordinates specific administrative and interagency issues, including permits, filings, and requisite approvals. oversees adjustments, corrections, and resubmissions; performs payroll report review and analysis; analyzes change orders and prepares overruns; provides payment requisition review; issues agency field instructions; and tracks subsequent contractor field instruction compliance.

1111 knowledgeable of construction management software to manage inspection tasks, including generating reports, supplemental job orders, and scopes; performing onsite inspections; and inputting inspection completions. In addition, he is familiar with confirming midpoint and final inspections adhere to program standards. - computer software skills include AutoCAD, Google SketchUp, Microsoft Excel, Microsoft Office, Microsoft Word, and Heavy Job Field 2011. He is also experienced in Cyclone, Maple, Matlab, and Microsoft Project.

### RELEVANT EXPERIENCE

# New York City Department of Parks and Recreation (DPR), Battery Playscape, New York, NY, Resident Engineer

provided construction management for this \$16 million reconstruction and expansion of the existing playground. The new Battery Park Playscape had its existing playground removed to be replaced with new treehouses, play features, a water and sand play area, an architectural concrete wall spanning 500 linear feet, park lighting, sand dune climbing wall with a retention tank underneath, new theatre, irrigation and drainage systems, exposed aggregate walkway, granite slides, and hexagon pavers and new boulders around the park. In monitored onsite construction activity, reviewed submittals, RFIs, and design issues, and expedited reviews and responses from the architect to ensure smooth turnarounds. He monitored project costs and reviewed all overruns, underruns, and change orders to prevent scope creep. He also coordinated with the local conservancy, Lower Manhattan Development Corporation, the MTA, and the DOT regarding protecting existing utilities and other infrastructure and minimizing neighborhood disturbance.







# MTA New York City Transit (NYCT), Clifton Track Staten Island Railroad Mainline Track Rehabilitation, Staten Island, NY, Inspector

is performing inspection services for the removal and replacement of approximately 4.3 miles of mainline track along the Staten Island Railway, and for the reconfiguration of tracks and new switches at the Clifton Yard to support the new Clifton Shop. The project includes installation of new ballast, filter fabric, tracks, hardwood cross ties, switches, contact rails, and concrete electrical ducts. provides onsite observation of contractor activity, track construction progress, and oversight for the field. He writes daily reports, construction update emails, flagger checklists, and quality control checklists for the MTA.

# New York City Department of Parks and Recreation (DPR), Reconstruction of Seward Park, New York, NY, Resident Engineer

provided construction management services to DPR for the reconstruction of Seward Park. A Parks Without Borders program "showcase" project, the purpose of the project is to better integrate the space into the Lower Manhattan neighborhood, with the focus of the work on Library Plaza. The scope of work includes new pavement, new garden with over 3,000 plants, a meadow, a small amphitheater, benches, tables and chairs, and game tables. In addition, the pavilion along Essex Street was repaired, removing excess fencing, and improving accessibility to the park. Overall, the project eliminates many of Seward Park's fences and dropped the height of the perimeter fence to four feet. An exercise/fitness area was added next to the basketball courts. Sidewalks around the park were replaced and bluestone and granite walls were refurbished. Feviewed site activity, submittals, RFIs, and design issues and expedited reviews/responses from the architect to ensure smooth turnarounds. He oversaw contractor work, monitored project costs, and reviewed all overruns, underruns, and change orders to prevent scope creep. He managed to complete the project under budget by \$500,000 and on time.

# New York City Department of Design and Construction (DDC), Superstorm Sandy Housing Recovery Build it Back (BiB) Program, New York, NY, Inspection Operations Lead

Under a \$25 million contract, oversaw and coordinated three contracted teams comprised of more than 150 inspectors, as well as two internal staff. He worked under the Program Director to expedite payment inspections/closeout for more than 3,000 Rehabilitation Pathway Homes, special inspections that adhere to Department of Building requirements, and inspection related issues on the HRO Build it Back Program and for the DDC Build it Back Program. managed this special inspection process across 1,500 elevation/modular/rebuild homes. He also spearheaded program closeout on special inspections, including nonconformances, work in progress, and all TR signoffs with each vendor.

supported inspection escalations. If signoff requests or other issues were brought up during closeout by the contractor, led the escalation process with the special inspection vendor, tracking their completion and verifying any report contests or IRT/OEA objections. Salim attended numerous weekly meetings for operations, production, and other check-ins with vendors and contractors as needed. He managed inspections Standard Operating Procedures (SOPs) and assisted with drafting guidance to assist inspections workflow.



### Project Manager

is a Certified Construction Manager (CCM) who has been with Hill for over 12 years.experience has been focused on public sector projects within New York City, primarily NYC Department of Parks and Recreation (DPR). He has managed numerous projects from pre-construction through closeout and has extensive knowledge of the City's required documentation, policies and procedures. III is used to managing multiple contractors and coordinating their work elements simultaneously and communicating with all required agencies. Project types include but are not limited to buildings, utilities, boardwalks, hardscapes, storm water capture and traditional recreation features. Prior to focusing on Construction Management,1111 spent several years as a landscape architect and continues to maintain that professional registration. He has experience in environmental planning and design, utility design and site design. 1111 has prepared construction documents, project sheets and design and transportation drawings, conducted site analysis and prepared estimates.

1111 facilitates project progress, supervises construction activities to verify compliance with plans and designs and identifies any errors in the work. He also manages and maintains all project logs, estimates and negotiates change orders and helps ensure the flow of information from the project to the appropriate stakeholders. He is well versed in all field inspection and office documentation tasks.

### RELEVANT EXPERIENCE

### New York City Department of Parks and Recreation (NYC DPR), Alley Pond Environmental Center, Queens, NY

1111 is currently managing and supervising construction activities associated with the construction of the new \$21 M Alley Pond Environmental Center in Queens, NY. The basic scope of work for this one of a kind project included demolition of the existing building, construction of a new temporary building in another area of Alley Pond Park so the educational programs could continue and construction of a brand new permanent facility. The project will be LEED certified and includes unique elements such as geothermal wells. The building site is in an environmentally sensitive area so special care is needed to construct the new pile supported building.

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was responsible for on-site supervision and served as the main liaison between the client, contractor, community and other agencies. Other responsibilities included the coordinating all design, safety and construction related issues as well as documenting and discussing any changes that occurred during the execution of the work. It maintained contract budgets, project calculation books, quality assurance programs and adhered to contract specifications. Additional CM duties include change order processing, measurement and calculation of work completed, payment processing, schedule management and confirming that contractors adhere to NYC prevailing wage laws.

# New York City Department of Parks and Recreation (NYC DPR), Rockaway Skate Park, Rockaway, NY, Resident Engineer

was responsible for managing and supervising all site construction activities associated with the construction of a new skate park in Rockaway, NY. Work took place at the beach and required dealing with the elements and sandy conditions as well as the fact that the bulk of the park was constructed during the COVID19 pandemic. was responsible for scheduling on-site supervision and then providing the main liaison duties between the client and the contractor. Other responsibilities included coordinating all design, safety and construction related issues as well as documenting and discussing any changes that occurred during the execution of the work. As this project took place during the COVID19 pandemic, was also responsible for ensuring that all workers complied with social distancing requirements and safety protocols related to the pandemic. maintained contract budgets, project calculation books, quality assurance programs and adhered to contract specifications. Additional CM duties include measurement and calculation of work completed, payment processing, schedule management and confirming that contractors adhere to NYC prevailing wage laws.

# New York City Department of Parks and Recreation (NYC DPR), Playground ThirtyFive, Astoria, NY, Resident Engineer

was responsible for managing and supervising site construction activities associated with the reconstruction of a community playground in Astoria, NY. The scope of work added modern features such as new play equipment and water features. Unique challenges included dealing with making sewer connections to the MTA subway sewer line as well as building a custom curb and fence around very mature trees. Was responsible for being the onsite liaison between the contractor, the client, and outside city agencies. Other responsibilities included coordinating all design, safety, and construction related issues as well as documenting and discussing any changes that occurred during the execution of the work. He maintained contract budgets, project calculation books, quality assurance programs and adhered to contract specifications. Additional CM duties include measurement and calculation of work completed, payment processing, schedule management and confirming that contractors adhere to NYC prevailing wage laws.





### Project Manager

has more than 30 years of experience on a variety of construction and renovation projects. His qualifications and experience include:

- Senior MEP leadership of capital project implementation on range of technically complex projects including healthcare, higher education, commercial, municipal, luxury residential and affordable housing.
- Executive level interaction with ownership, A-Es and trade contractors on core-shell, interiors, and renovation projects.
- Proven team builder who identifies goals and establishes priorities so that projects are delivered on schedule and do not compromise standards required for the successful operation of high performing buildings.
- Background in subcontracting, facilities operation, construction management, commissioning, and energy management.
- Experience includes budgeting during design development, preconstruction services, MEP peer design review, construction administration, owner's agent, project management, project engineering, site superintendent, mechanical electrical systems startup and commissioning, energy initiatives design and implementation.
- Effective communicator between Owner/Architect/Engineers and multiple subcontractors; facilitate conflict resolution, cost containment and attaining project schedule milestones.
- Proficient in identifying and resolving MEP system conflicts within existing architectural and structural parameters.
- Expert in quality control of all trades during construction and maintaining safe construction practices.
- Implement and supervise leading edge innovations such as BIM and LEAN to benefit projects.
- Identify design features that command cost premiums and recommend alternatives that deliver comparable function.



### NYS Office of Parks, Recreation and Historical Preservation, Riverbank State Park Aquatics Facilities Locker Rehabilitation Project, Bronx, NV, Project Manager

The 30-year-old locker room facilities in the Aquatics Facilities suffer from the effects of age and heavy usage. A comprehensive renovation commenced spring 2023 slated for completion in winter 2024, consisting of shower/ bathroom upgrades and replacement of around 1500 lockers.





There is a commonality in design for the two Locker Rehabilitation projects while Aquatics involves updated lifeguard and first aid stations, improvements to the main lobby and more extensive MEP scope. Temporary bath and shower facilities installed behind the building will allow the indoor pool to remain active while renovations are underway.

# NYS Office of Parks, Recreation and Historical Preservation, Riverbank State Park Athletics Facilities Locker Rehabilitation, Bronx, NY, Project Manager

The Athletics Building Locker Rooms underwent a comprehensive renovation and successfully finished in time for Riverbank Park's 30-year birthday celebration. Over 700 lockers were replaced with ADA compliant bathroom and shower upgrades. The project tile work was extensive with colorful patterns adding to the modernized space aesthetic. The design of the new spaces adhered to new public accommodation norms and trends for multi-occupant facilities providing improved shower room privacy and gender-neutral bathrooms. Facility managers and park patrons alike have extended appreciation for finishing on schedule and the quality delivered with much needed improvements.

### RWJ-Barnabas Health Hospitals, New Jersey - Project Manager/Engineer

Staff augmentation role with RWJ-Barnabas Health Hospitals servicing the Newark, NJ region. Managed multiple infrastructure projects with varying scope totaling \$50 million. Assume owneragent role with general contractors, subcontractors, consultants, utility providers servicing the hospital system. Responsible for planning / communication with Hospital executive leadership on a range of projects.

### Clark Construction, Baltimore, Maryland, Sr. MEP Project Manager

Joined Mission Critical division as Senior Project Management to provide leadership in newly developed division targeting data center, life science, pharmaceutical and light industrial market sector.

### Memorial Sloane Kettering Ambulatory Care Center, NY, NY, MEP Project Manager

The MSKCC David H. Koch Center is approximately 730,000 GSF, 23 stories tall with state-of-the-art ambulatory care facilities, including clinics for dermatological, breast and prostate cancers, consultation rooms, infusion rooms, medical surgical clinic, interventional radiology clinic, a bone marrow transplant clinic, academic offices, a pharmacy, conference room and 250 accessory parking spaces on the lower levels of the site for patients and visitors. The project is pursuing a LEED Healthcare Silver Certification. Management responsibility for \$300+ million MEPS trade contracts with a staff of six engineers, 4 superintendents. This project also includes additionally a 500,000 square foot space to be occupied by CUNY. \$875 million

### Consigli Construction, New York, NY - Sr. MEP Project Manager

Provide Operations oversight and direction in the following areas: Procedural and process issues, constructability and technical, project schedule, MEP Coordination, MEP schedule, quality of work, quality of relationships with Owner, A/E firms, subcontractors, subcontractor performance, manpower, project safety, logistics, rigging. MEP Project Manager on the following projects:





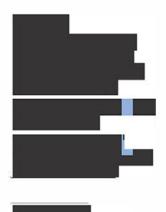
is a licensed civil engineer with eight years of experience in all phases of construction management and engineering. He has worked on a vast variety of projects including, but not limited to, capital improvement projects with local municipalities, roadway, bridge, and sidewalk construction, stormwater management, residential construction, commercial renovations, and recreational facilities, including basketball courts, baseball/softball fields, pervious play areas, and turf fields. He is proficient in all phases of construction administration including, but not limited to, project budgeting, scheduling, design reviews, document management, construction inspection, site coordination, and specification enforcement. He is familiar with and of extensive. He has also ensured adherence to contract plans as well as ADA accessibility standards. - is proficient in Excel, Word, PowerPoint, and AutoCAD.

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### RELEVANT EXPERIENCE

### New York City Department of Design and Construction, Superstorm Sandy Housing Recovery Build-it-Back (BiB) Program, New York, NY, Office Engineer

provided support under a program, construction and inspection management services contract for DDC and New York City Housing Recovery Office (NYCHRO) for the BiB Program. The program supports repair and rebuilding efforts for more than 11,000 New York City homes damaged by Superstorm Sandy. — assisted field staff in developing and establishing Standard Operating Procedures (SOPs) and programwide processes and protocols. He provided document management, contract administation, agency, utility coordination and permiting, quality assurance documentation and quality control audits in order to support Federal funding requirements.



### New York City Department of Parks and Recreation (DPR), New Alley Pond Environmental Center, Queens, NY, Resident Engineer

is providing on-site construction management services to DPR for demolition of existing center and construction of a new \$26 million, 10,000 SF environmental center. The new building includes learning classrooms, observation rooms, laboratories, and an animal room/petting zoo. Scope of work also consists of stormwater pollution prevention of the surrounding 635 acres of wetlands. Matt is overseeing all site activities to verify adherence to drawings and specifications. He maintains correspondence with contractors, client, subcontractors, and third-party



inspectors; reviews and approves payment requisitions, clarifying any construction issues; reviews and researches contractor's dispute claims and advises the client on solutions; resolves field condition issues; produces all necessary project documentation such as daily reports, calculation books, cost projections, cash flow analysis, and meeting minutes; and monitors all contract administrative requirements including labor agreements and minority/women business enter-prise goals.

# New York City Department of Parks and Recreation, Rockaway Beach Handball Court Facility Reconstruction, Queens, NY, Resi-dent Engineer

managed all phases of construction work involving multiple stakeholders (construction workers, architects, landscape architects, engineers, and contractors) for the \$3 million reconstruction of the handball court facility at Rockaway Beach, which was dam-aged by Superstorm Sandy. The project includes the installation of new fitness equipment and a seating/viewing area. He oversaw contractors to verify adherence to plans and specifications, maintained correspondence with contractors, reviewed and approved contractors' payment requisitions, and clarified other construction issues.

The reviewed and researched contractors' dispute claim, advised the Borough Director on solutions, and resolved field condition issues. He also monitored contract administrative require-ments including Minority/Women Business Enterprise goals, Project Labor Agreements, and Damages for Delay programs. He produced daily and weekly construction project reports, maintained accurate records, kept calculation books, prepared cost projections, and organized and led meetings.

# New York City Department of Parks and Recreation, Sandpiper Park Reconstruction, Queens, NY, Resident Engineer

managed construction supervision services for the \$7 million reconstruction of a park and playground at Rockaway Beach. The waterfront playground features two sets of play equipment on rubber safety surfacing, a tiered concrete seating area, ADA accessible ramps, steel shade structures, and a spray shower play area. He provided on-site oversight of contractors to confirm adherence to plans and specifications, maintaining correspondence with contractors, reviewing and approving contractors' payment requisitions, clarifying construction issues, reviewing and researching contractors' dispute claim, advising the Borough Director on solutions, and resolving field condition issues. He also collaborated on monitoring contract administrative requirements including project labor agreements, minority/women business enterprise goals, and Damages for Delay programs.

produced daily reports, calculation books, cost projections, cash flow analysis, and meeting minutes. He also managed contract closeout, including punchlist inspections, as-built drawings, and administrative items.

# New York City Department of Parks and Recreation, Street Trees Program, New York, NY, Resident Engineer

managed all phases of the Street Trees Program, a program created to preserve the integrity of 2 million trees, to address any potential tree-related safety concerns, and to reduce liability of the City and owners of adjacent private property. This includes the repair of sidewalks, driveways, and curbs that have been damaged by root growth. covered several contracts located in all five boroughs, throughout both day and night shifts.





### Permit Coordinator/Expeditor

 is an ecologist with NEPA, permitting, field sampling, technical writing, and data analysis experience. She also has over 10 years of experience in stakeholder engagement

### RELEVANT EXPERIENCE

Northern Integrated Supply Project Environmental Impact Statement, U.S. Army Corp of Engineers, Fort Collins, CO. Staff Ecologist. Review scientific literature and available raw data to determine the state of biotic assemblages in the Cache La Poudre River from the mouth of the canyon to the confluence with the South Platte River. Analyze quantitative and qualitative data and use IFIM and PHABSIM methodology to determine the possible effects of several dam construction and water management alternatives on the native fauna of the Cache La Poudre River. Assisted in the development of habitat suitability curves for fish native to Colorado's transition-zone streams.

# Trout Creek Reservoir Investigations, Peabody Energy, Oak Creek, CO. Staff Ecologist.

Conducted field studies necessary for an Environmental Impact Statement (EIS) on a proposed hydroelectric dam on a Northwest Colorado stream. Designed a field study investigating the infectivity of whirling disease in Trout Creek. Worked with staff entomologist to analyze data from field study and determine the level of whirling disease infection in the system. Conducted fish and macroinvertebrate sampling downstream of the proposed dam site to obtain qualitative information about species composition in lower Trout Creek.

# Moffat Collection System Environmental Impact Statement, Denver Water, Denver, CO. Staff Ecologist.

Updated and responded to agency comments on an aquatic resource Environmental Impact Statement (EIS). Lead field crews to collect additional field data in support of the EIS and incorporate the collected data and new data collected by other agencies into the EIS. Quantify baseline aquatic resource conditions using new literature and analyses. Completed discussion sections by adding information on aquatic biology, invasion biology, and stream ecology to the existing EIS.

# White River Stream Management Plan, ERO Resources, Meeker, CO. Fisheries Lead.

Wrote the fisheries portion of a stream management plan for the White





River. Described status of and threats to the native fish assemblage, described current flow limitations and projected water depletions. Participated in extensive workshops to develop management actions to offset projected depletions. Management plan was written to ensure that projected water depletions will comply NEPA regulations.

# Yampa River Fisheries Assessment, The River Network, Routt & Moffat Counties, CO. Fisheries Lead.

Worked as part of an interdisciplinary team to assess the health of the Yampa River Drainage, using stream function and riparian health variables that can be collected from review of remote sensing data. Summarized the state of the fishery (for native fishes and game fishes) throughout the drainage at two different spatiotemporal scales. Identified correlations between the existing fish community and remote sensing variables to generate testable hypotheses and to provide a basis for management recommendations/the development of an adaptive management framework.

### Williams Fork Habitat Monitoring, Denver Water, Grand County, CO. Lead Ecologist.

Monitored habitat conditions in three reaches of the Williams Fork River before and after extensive restoration work. Collected habitat data were combined with established habitat suitability curves to determine changes in Rainbow Trout habitat as a result of restoration efforts. Restoration project was developed and implemented in part as mitigation for a water project in Grand and Boulder counties.

### Yellow Creek Aquatic Biological Monitoring, Shell Oil Company, Rifle, CO. Staff Ecologist.

Prepared a Use Attainability Analysis that determined the current state of natural aquatic resources (i.e., fish and macroinvertebrate populations and habitat conditions) in the Yellow Creek watershed, a semiarid drainage in Northwestern Colorado. Evaluated applicability of current water quality standards, given the aquatic communities present and background habitat, flow, and chemical constraints. Assisted with preparation of water quality hearing documents.

# Craig Diversion Park Design Support and Permitting, Riverwise Engineering, Craig, CO. Fisheries Lead, Project Manager.

Currently providing design support and environmental permitting services for a multipurpose instream project for the City of Craig. The redesigned diversion for the City's municipal water intake will incorporate a small recreational feature, allow bi-directional passage for the native fish assemblage (via a large constructed riffle), and work with the natural tendencies of the Yampa River. The Individual Permit for the project is currently in preparation and has required extensive coordination between USACoE, USFWS, and EDA, as well as State Agencies. Species of concern in the area include Colorado Pikeminnow, Bald Eagle, and Sandhill Crane.

# Colorado/Fraser River Sediment and Algae Surveys, Grand County LBD, Grand County, CO. Project Manager, Lead Ecologist.

Collected numeric and volumetric sediment data and algae data at selected sites throughout Grand County LBD's Cooperative Effort Area. Volumetric samples were analyzed by GEI's in-house laboratory, and sediment and algae data were summarized and presented in a comprehensive report. Hypotheses for between-site and temporal differences in sediment and algae characteristics and implications for aquatic habitat quality were also included in the report.





is a stream ecologist with 18 years of experience working with GEi. She is the practice lead for GEi's biomonitoring group, a collaborative team of aquatic ecologists, fisheries biologists, wildlife biologists, and limnologists. She has been a project manager or lead scientist on assignments involving resolving regulatory issues, development of site-specific standards, NEPA permitting, environmental documents preparation, fisheries monitoring, and aquatic habitat monitoring. She plans and coordinates the timing, personnel, safety requirements, and protocols necessary for sampling for various types of clients in diverse geographic locations. She has worked extensively with field sampling a variety of aquatic habitats, analysis of data, and report preparation. She has been involved in surveying aquatic populations and measuring various stream and riparian habitat characteristics at study sites throughout Colorado and the surrounding states. She has analyzed the data collected during these surveys to prepare baseline reports, alternatives analyses, Environmental Impact Statements, Environmental Assessments, Biological Assessments, and monitoring reports documenting the current conditions in these watersheds and analyzing potential or existing impacts to aquatic populations from various sources. She also is the QA/QC committee member for the Denver office, and has a variety of experience in QA/QC of data and documents.

### RELEVANT EXPERIENCE

Continental Hoosier Systems Program Environmental Assessment (EA) Support, AECOM for Colorado Springs Utilities, Blue River, CO. Project Manager and Lead Ecologist.

Assessed fish populations, macroinvertebrate populations, sediment composition, and stream habitat in multiple streams in Park and Summit counties potentially to be affected by the proposed Montgomery Dam enlargement. Developed a studies and methods plan to describe the background information collected and to be collected for the Aquatic Biological Resources technical reports in support of the EA and to guide impact analyses. Coordinated with Colorado Parks and Wildlife, Colorado Department of Health and Environment, and US Forest Service to conduct sampling.

Rosebud Mine Biological Assessment (BA) Suppor\ .ERO Resources, Rosebud, MT. Project Manager and Lead Ecologist.

Preparing a portion of a Biological Assesinne..-,t to determine if impacts





are expected to occur to Pallid Sturgeon (Scaphirhynchus albus), a federally listed species, related to the proposed mine expansion. Mine expansion will necessitate continued diversion of water from the Yellowstone River, a potential spawning ground for this endangered fish species.

# Northern Integrated Supply Project (NISP) Environmental Impact Statement (EIS), ERO Resources, Fort Collins, CO. Staff Ecologist.

Provided aquatic ecological support for the NISP EIS, a project addressing potential alternatives for additional water storage and potential modifications in streamflows in the Poudre River and South Platte River. Included review of baseline biological data for the potentially affected reaches of the Cache la Poudre River and the South Platte River, a data gap analysis, the collection of supplemental data on key segments, and impact analysis of the various alternatives associated with the project. Assisting in preparation of aquatic resources section and supporting documents for the EIS.

### Montanore Environmental Impact Statement (EIS), ERO, Libby, MT. Lead Ecologist.

Prepared aquatic resources section and supporting documents for the EIS for the Montanore Project, a proposed silver/copper mine in northwestern Montana in the Kootenai National Forest. Prepared issue statements to target specific areas of concern. Reviewed and compiled existing data from fish, invertebrate, periphyton, and habitat surveys conducted in project area streams to determine baseline conditions. Incorporated the available biological information into Existing Environment and Effects Analysis Technical reports.

# Aquatic Biological Monitoring and Baseline Studies, Nu-West/Agrium Conda Phosphate Operations, Soda Springs, ID. Project Manager and Lead Ecologist.

Designed study plans and conducted aquatic resources surveys of streams in and near the Caribou-Targhee National Forest in the vicinity of phosphate mining over a four-year period. Reviewed and summarized available current and historical biological information, water quality information, and habitat assessments for streams in the area to evaluate the status of the aquatic resources in these streams and to identify potential limiting factors for aquatic populations. Prepared baseline reports in support of an EIS for a proposed mining site, as well as providing technical support and annual monitoring reports on aquatic resources for an active mine site to fulfill their permitting requirements based on a study plan we assisted in developing.

# Water Quality Regulatory Support, Tri-State Generation and Transmission Association, Facilities located in Craig, Meeker, Nucla, Rifle, and San Miguel, CO. Aquatic Ecologist.

Work has included watershed-based evaluations of habitat and aquatic biology to better understand appropriate aquatic life use classifications and water quality standards for streams that are in the vicinity of Tri-State activities. Collection of physical and biological data that included observational and quantitative sampling for instream aquatic habitat and biological assessment to support regulatory updates and permit modifications. Provided regulatory support for facility that is subject to regulation under Section 316(b) of the Clean Water Act as part of their permit renewal process.





Superintendent

has more than 40 years of experience in residential and commercial construction, including improvement projects, process plants and work for high-technology communications and defense clients. He has a detailed knowledge of building trades, and specializes in maximizing subcontractor production while also managing multiple, concurrent projects. He is an expert in New York City building codes, and is skilled at reading architectural, structural and off-site plans. His specialized software skills include MS Project, MS Office and AutoCAD.

Firm Hill International, Inc.

#### RELEVANT EXPERIENCE

#### New York City Department of Design and Construction, Superstorm Sandy Housing Recovery Build-it-Back (BiB) Program, New York, NY, Inspector/Construction Manager

provides construction management and inspection services in support of a program, construction and inspection management services contract for DOC and New York City Housing Recovery Office (NYCHRO) for the BiB Program. The program supports repair and rebuilding efforts for more than 11,000 New York City homes damaged by Superstorm Sandy. Under BiB, Hill's specific tasks include developing and establishing Standard Operating Procedures (SOPs) and program-wide processes and protocols; environmental, health and safety support; program controls and document management; contract administration; agency and utility coordination and permitting; quality assurance and quality control audits; and support in meeting Federal funding requirements.

## TS Home Improvement, Residential Projects, Irvington, NY, Construction Manager

managed several residential projects as a contractor, with projects ranging in value from \$150,000 to \$250,000. He consistently delivered projects on time and under budget while maintaining high quality standards, enjoying a 95% referral rate. His responsibilities included collaborating with customers, architects, designers, vendors and subcontractors from design state to occupancy, and directing all construction activities, including reviewing specifications and plans, setting schedule, procuring subcontractors, procuring materials, staging work, inspecting work and closing open items and securing permits.



#### Interconnect Supplies Inc., Multiple Projects, Irvington, NY, Project Manager

managed multi-million-dollar projects for a variety of clients, including managing up to ten projects concurrently across multiple locations. On assignments ranging from \$500,000 to \$2 million in value, he assembled global machinery and consumable vendors, architects and trade contractors to build and start up manufacturing facilities for communications companies and defense contractors. His responsibilities included construction management; verifying compliance with ICC, NFPA and OSHA codes and requirements; negotiating contracts; confirming work met contract requirements and specifications; and interfacing with customers, vendors and subcontractors.

## Huntsman Advanced Materials (Formerly Ciba-Geigy), Multiple Projects, Multiple Locations, North America, Construction Superintendent

completed multiple, concurrent multi-million-dollar facilities and equipment projects on time and on budget, developing standardized contracts, infrastructure specifications and plans to simplify facility installations. He worked with architects, engineers, vendors, contractors and customers to build state of the art manufacturing facilities, and defined project scopes, solicited Bids, hired subcontractors, procured materials and communicated with stakeholders, trades and building officials.

#### H.P., Hood, Inc., Processing Plant, Newington, CT, Electrical Controls Specialist

supported the construction and installation of a large scale processing plant for dairy products, and developed a control system for cycling large compressors that reduced energy costs by \$60,000 annually. His responsibilities includes supervising equipment installations and designing and maintaining controls for plant and production machinery.





has more than 29 years of experience in the construction industry. A commercial construction specialist, is well-versed in building codes and regulations, conducting accurate measurements and estimates, setting up a safe job site, and managing the permitting process. He develops project budgets and baseline schedules, and exhibits blueprint fluency. Additionally, possesses security systems knowledge as well as structural and architectural pre-cast concrete and stone familiarity.

#### Firm Hill International. Inc.

#### RELEVANT EXPERIENCE

#### New York City Department of Design and Construction (NYC DOC), Superstorm Sandy Housing Recovery Build-it-Back (BiB) Program, New York, NY, Construction Manager

- provided construction management services in support of a program, construction and inspection management services contract for DCC and New York City Housing Recovery Office (NYCHRO) for the \$3.2 billion BiB Program. The program supports repair and rebuilding efforts for more than 11,000 New York City homes damaged by Superstorm Sandy.
- was appointed Queens Borough Regional Project Manager by NYC DCC where he managed disaster recovery reconstruction for 124 sites over a wide spread area. He worked with homeowners and contractors to lift and rebuild damaged homes. His responsibilities included coordinating schedules, working with City budgets, and reviewing contractor payments and change orders.

### New York City Department of Design and Construction (NYC DDC), Borough Based Jail Systems (BBJS) Rikers Island Project, New York, NY, Project Manager and Field Coordinator

is a Field Construction Lead for the demolition and construction of four new detention centers being relocated in New York Boroughs (Queens, Bronx, Brooklyn, and Manhattan) valued at \$8.5 billion. He manages staff and contractors performing geotechnical surveys and the decommissioning of buildings and surveying of sites for demolition of existing buildings and construction of new buildings.



# New York City Department of Parks and Recreation (DPR), Construction Project Management Services Above \$3M, New York, NY, Project Manager

manages the renovation of several existing parks in coordination in coordination NYC Parks Department designers. He manages contractors, coordinates schedules, manages budget, and reviews all change orders. Individual projects he has worked on include:

- Queens Vietnam Memorial within Elmhurst scope of work includes creating a quiet, contemplative gathering space not only for war veterans, but also for the general public.
- Reconstruction of Brookville Park Entrance reconstruction of an entrance to Brookville Park in Queens featuring additional trees, construction of a new curb, and upgrade of entrance finishes and fixtures.
- Flushing Meadows Corona Park Henry Hudson Entrance Reconstruction the walkway and parking lot will receive a new, more pedestrian-friendly design that reflects the city's historic World's Fair era and two plazas will be revamped and an ADA-compliant ramp will be installed at the staircase that leads into the park.
- Reconstruction of Seward Park a Parks Without Borders program "showcase" project, the scope better integrates the space into the Lower Manhattan neighborhood, with new pavement, a meadow, a small amphitheater, benches, tables and chairs, and game tables.
- Reconstruction of Mapes Ballfield complete reconstruction consisting of a new ballfield, playground, fitness equipment, sitting area with seating steps, new entrances to the park, and a new picnic and lawn area.
- Hugh Grant Circle & Virginia Park Reconstruction project will make entrances easier to find; add furnishing, programming, and amenities; and improve sight lines for added safety.

# Multiple Employers, Multiple Projects, Various Locations, U.S., Construction and Project Manager

coordinated plans and specifications using marketing programming standards. He facilitated processing of RFPs, submittals, and samples between the general contractor (GC), the owner and the owner's consultants. He educated GC personnel on quality standards throughout the construction process, and directed the GC on required mock-up preparation. managed teams of 50-200 personnel on-site for more than 20 years. He obtained notices of completion and compliance certifications from all construction administration consultants.





has more than 25 years varied experience, including supervising/inspecting construction projects related to roadway infrastructure, utility treatment facilities and site development. He also performs safety and compliance management on job sites. He has designed and inspected roadway, utility, water and sewer systems, and inspected public and nonpublic service utilities. He has coordinated field activities with design changes and internal scheduling and has managed CPM schedules. He coordinates work progress with government agencies, including preparation of site plans, documents and applications for various municipal and agency approvals. He is well-versed in working with experienced staff, highway construction, and bridge joints. He has handled administration of construction projects and is familiar with NYSDOT and CT DOTs Q policies and procedures.



#### RELEVANT EXPERIENCE

#### Bergen County Sports Courts Improvements, NJ, Superintendent

Li Ro is providing construction management services for the construction of multiple sport courts projects for the Bergen County Department of Parks. The Sport Court Improvements Project in Bergen County was designed with the intention of improving various county parks across Bergen County. The three parks chosen for this project are the Samuel Nelkin County Park in Wallington, the Wood Dale County Park in Woodcliff Lake, and the Saddle River County Park in Rochelle Park, all of which provide a variety of active and passive recreational opportunities for patrons each day.

Samuel Nelkin County Park Improvements in Wallington consist of reconstructing the existing tennis courts, converting the existing parking lots into basketball and pickleball courts, and minor road widening for the proposed parallel street parking. The project also includes the construction of 2" PVC conduit to support lighting.

Wood Dale County Park Improvements in Woodcliff Lake consist of reconstructing the existing tennis courts and converting the existing parking lot into pickleball courts and proposing parallel street parking with ancillary site improvements. The project also includes the construction of 2' PVC conduit to support lighting.

Saddle River County Park Improvements in Rochelle Park consist of reconstructing the existing tennis courts, the construction of pickleball



and basketball courts along with ancillary site and drainage improvements including a permeable paver pathway, proposed benches, and trash receptacles. The project also includes the construction of 2" PVC conduit to support lighting. (\$4 million)

## Bergen County Department of Parks and Recreation, Riverside County Park South Capital Improvements

LiRo is providing construction management services for the Riverside County Park South Capital Improvements projects, which include a new boathouse building, new comfort station and outdoor stage, new three-bay garage, and an underground utility Loop and road. The Boathouse Building project consists of a new two-story building of approximately 14,285-sf alongside the Passaic River. The building program includes ground level boat storage, upper level community space, administrative space, locker rooms, restrooms and supporting utility space. The Comfort Station/ Stage & Maintenance Garage Project consists of a new 1,636-sf comfort station and outdoor stage integrated as one building with a tiered grass amphitheater, and a new 1,091-sf three-bay garage with limited storage for the Parks Department. The Underground Utility Loop and Road Project consists of construction of a new roadway layout and an underground high voltage and utilities loop system to provide utility service to the park.

## Dormitory Authority of the State of New York, Minnewaska State Park, Infrastructure/Storm Drainage and Parking Lot Restoration

LiRo is providing construction management services on this Infrastructure/Storm Drainage and Parking Lot Restoration project. The scope of work includes: selective demolition; cast-in-place concrete for stair system foundations; stone masonry for stacked boulder walls, accent boulders, and stair system treads; metal railings for stair systems; exterior signage for regulatory and wayfinding signs; facility sanitary sewers for septic tank, pump structure, sanitary sewer, sanitary force main; electrical service; underground conduit system; exterior lighting; automated access gates; site clearing and disposal; earth moving; rock removal; asphalt paving for access roads and parking areas; maintenance and protection of traffic; stone curbs for parking area bump-outs; trees, plants, groundcovers, and site restoration; planting soils for plant beds and turf areas; and storm utility drainage piping and storm drainage structures. (\$10 million)

Rehabilitate HVAC System Building 508, Camp Smith Training Site, Cortlandt Manor, NY - Project Manager for installation of HVAC system in Building 508 / 46 rooms for U.S. Army personnel.

MOV & POV Parking Lots, Camp Smith Training Site, Cortlandt Manor, NY - Project Superintendent for construction engineering site construction management and inspection services for parking lots construction and drainage improvements.

Combined Support Maintenance Shop, Camp Smith Training Site, Cortlandt Manor, NY - Project Superintendent for construction engineering site construction management and inspection services for building construction.

Access Control Alterations & Rehabilitation, Camp Smith Training Site, Cortlandt Manor, NY - Project Superintendent for construction engineering site construction management and inspection services for building construction and site access relocation.





Superintendent

has more than 20 years of professional experience and most recently served as Resident Engineer for the McDonald Playground Reconstruction for NYC Parks, as well as a wide range of large and complex projects. Throughout his professional career, his focus has been with the installation of engineered soils, recreational parks, and large planting sites as well as large civil construction projects. His duties have included:

- Field Supervisor managing construction crews in landscape, hardscape and irrigation applications
- Cost tracking of large projects
- Develop project schedules and sets milestones for the project
- Ensure quality control and promotes safety during construction
- Run meetings pertaining to project cost, schedule, and overall performance

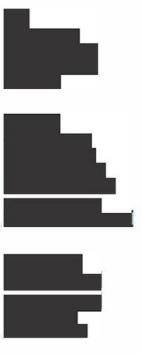
#### RELEVANT EXPERIENCE

#### NYS Office of Parks, Recreation and Historical Preservation, Riverbank State Park Track & Field Replacements, Bronx, NY, Superintendent

Work on this project consisted of resurfacing the outdoor track and replacing the synthetic turf field including a poured in place shock pad. The underlying drain piping had become severely clogged during years of use and was cleared during the project, to the pleasure of park workers and patrons who recognize significant improvements especially on the running track. Special care was taken to not damage the roof of the water treatment plant which lies directly below the field. The scoreboard was replaced with a modern single sided multi-sport scoreboard including wireless remote-control center and video display.

#### NYS Office of Parks, Recreation and Historical Preservation, Riverbank State Park Aquatics Facilities Locker Rehabilitation Project, Bronx, NV, Superintendent

The 30-year-old locker room facilities in the Aquatics Facilities suffer from the effects of age and heavy usage. A comprehensive renovation commenced spring 2023 slated for completion in winter 2024, consisting of shower/ bathroom upgrades and replacement of around 1500 lockers. There is a commonality in design for the two Locker Rehabilitation projects while Aquatics involves updated lifeguard and first aid stations, improvements to the main lobby and more extensive MEP scope.





Temporary bath and shower facilities installed behind the building will allow the indoor pool to remain active while renovations are underway.

## New York City Department of Parks and Recreation, Reconstruction of McDonald's Playground, NY, Resident Engineer

LiRo is providing construction supervision of the reconstruction of the playground and multiuse area at McDonald Playground, located East of Broadway, between Myrtle and Forest Avenues in the Borough of Staten Island. The project includes the installation of new play equipment, adult fitness equipment, a spray shower and drinking fountain with new plumbing, new water tap, reconstruction of the drainage system, a basketball court, fencing, pavement, painted games, plantings, site furnishings, synthetic turf area, repair masonry wall and stair reconstruction.

### New York City Department of Parks & Recreation, Reconstruction of Levy Playground, NY, Resident Engineer

LiRo provided construction supervision of the reconstruction of Levy Playground, located at Jewett and Castleton Avenues, in the Borough of Staten Island, Project Number R033-115M. The project will provide for the installation of new play equipment, a spray shower and drinking fountain with new plumbing, a new water tap, basketball court, fencing, pavement, plantings, site furnishings, reconstruction of a manhole, and a green infrastructure drainage system. (\$2 million)

#### New York City School Construction Authority, Emergency Program 2020, NY, Superintendent

LiRo responsibilities were coordinating and directing multiple contracts on all phases of construction during the life of a project with emphasis on quality and safety. Projects include new building construction (Pre K), major renovations, civil work, and commissioning of HVAC and Electrical Systems (FA, PA). Conducted daily construction supervision for SCA in multiple NYC borough sites. Monitored contractor's compliance with safety programs quality assurance safety control procedures. Maintain submittal log, shop drawings in conformance to approved plans and specifications. Maintain QAQC by daily inspection with field condition. Maintain site safety as per OSHA guide lines with zero incident/accident.

#### New York City School Construction Authority Mentor Program, Resident Engineer

Leading a team providing program, construction management and field supervision on K-12 schools projects, the Mentor Program provides bidding opportunities coupled with business mentoring support to prequalified firms to minority and women-owned and locally based enterprise (MWLBE) firms. The program promotes growth and development of MWLBE firms in the NYC region while completing much needed school construction and repair projects safely, timely and within budget. (\$37.5 million)





brings more than 30 years of experience and is an accomplished mechanical engineer, project manager, construction manager, project engineer, and scheduler. - has expertise in all aspects of engineering, construction, business management, project /construction management, general contracting, project controls, procurement, startup, and commissioning. The value of the projects - has provided services on range from \$100,000 to \$13.5 billion in total installed costs. His responsibilities have included developing business plans, securing funding for business ventures, and implementation of business plan goals. He also has proven record of accomplishment with setting up and implementing a structured field operation of project offices for the duration of project life cycles and managing and overseeing the work of general and trade contractors.

As an owner's representative on a number of high-profile projects, \_ has established and maintained the metrics necessary for progressing and tracking the financial and productivity health of the engineering and construction work. He has also overseen the preparation and development of capital cost estimates related to the full scope of engineering, procurement, construction, and construction management. In addition, \_ responsibilities include developing estimate budgets for engineering and construction projects; preparing and maintaining detailed engineering and construction schedules; developing and implementing Work Breakdown Structures; developing project contracting plans; and establishing cost control programs to document and report real and potential cost overruns to various levels of the clients and internal upper management teams. His specialized computer software skills include Primavera Project Planner, Primavera Expedition, AutoCAD, MicroStation, and 3D Plant Design System.

#### Firm Hill International, Inc.





#### RELEVANT EXPERIENCE

New Jersey Division of Property Management & Construction (DPMC), Rebuild by Design Hudson River Project, Hoboken, Weehawken, and Jersey City, NJ, Lead Scheduler and Constructability Manager

- provided constructability evaluation and guidance to shape key aspects of the project phasing and contracting plan approach for the Rebuild by Design (RBD) Hudson River Project, which takes a multi-faceted approach to address flooding from both major storm surge and high tide as well as from heavy rainfall events in Hoboken, Weehawken, and Jersey

City. Based on the DEP / HUD timeline constraints, created a range of options to manage the DEP's contract planning constraints and project completion requirements. He developed an Integrated Estimate Based Schedule to track the design development and estimate from conceptual design thru 100% CD, to validate the probability of the project being completed within the required timeframe and estimate costs. He also evaluated the design for not only constructability, but to also anticipate potential design issues that could result in unnecessary change orders. provided constructability and buildability evaluations that informed necessary changes that were implemented into the design documents.

### U.S. General Services Administration (GSA), Jacob K. Javits Federal Building Backfill and Renovation, New York, NY, Project Scheduler

served as scheduler on Hill's CMa team for the complete renovation of interior space of Javits Federal Building, including all mechanical, plumbing, electrical, and security systems, and the general construction finishes of this 340,000 SF rehab project. During pre-construction phase, developed the conceptual schedule for the project, which became the basis for the RFP and the strict timeline dates required for the Substantial Completion of each of the renovated floors. He also provided schedule oversight, time impact analysis, and recommendations to the owner of options for potential schedule recovery and acceleration opportunities.

### Metropolitan Transportation Authority Police Department (MTAPD), New District 9 Police Facility, Staten Island, NY, Construction Manager / Commissioning Manager

managed the construction of a new 8,239 SF, two-story steel framed District 9 Facility for the MTA Police Department. Constructed within the existing three-acre Staten Island Railway Maintenance of Way complex, the new building is ADA compliant and includes new offices, locker rooms, restrooms, holding cells, booking and arrest processing areas, a break room, and conference rooms, as well as supporting mechanical, electrical and IT rooms. was responsible for managing the project, coordinating the efforts between the contractor, design team, MTA, MTAPD, and the MTA Code Compliance. MTA was responsible for self-certifying the facility and as such, Dereck coordinated and administered this requirement. Additionally, he was responsible for developing and administering the Commissioning Program for the new District 9 facility.

## New York Power Authority (NYPA), One Police Plaza Energy Conservation Project, New York, NY, Project Scheduler

Under a term contract, provided scheduling and assisted in the development the plan for sequencing and phasing of the work. The plan included swinging over the existing systems onto a temporary AHU, shut-down the old units, selective demolition, disconnecting power and controls, steam, heating hot water to the existing equipment, coordination of cranes to hoist the new equipment components into the buildings mechanical rooms and commissioning the re-manufactured equipment. The One Police Plaza project modernized existing 40-year old HVAC, piping, and controls systems that service the New York City Police Administration building in Lower Manhattan. Due to the critical operational requirements of this police administration building, the facility was required to remain in full operation during construction.



Scheduler

has 34 years of construction and engineering experience. III is an industry expert in planning, scheduling and project development, and has managed a wealth of multimillion dollar capital projects. He understands the organization and direction involved with construction activities from inception to completion, and has organic experience leading design and construction for his own projects, project experience comprises multifamily housing; including. theme park attraction development; and restaurant, retail and public works construction, including heavy civil works on the Los Angeles Metropolitan Transit Authority's Redline Project. He incorporates a handson approach to all phases of project development with a focus on optimal time management and coordination of resources. In addition,1111 is proficient in software programs related to construction management and claims, comprising Expedition, Pertmaster, Suretrak, P3, Risk AMP, and Concordance.

## RELEVANT EXPERIENCE

## Town of Brookline, Brookline High School, Brookline, MA, Schedule Analyst

Hill is providing owner's representative services for this major high school addition and renovation. The project includes a new building, a building addition and a renovation of the existing main building. The new building will be constructed over the MBTA Green Line at Brookline Hills Station. This project resupported all existing MBTA cable/fiber/communication cables, DC feeders and misc. overhead cable infrastructure that were to remain onto three new structural steel crossing supports (portals) at a lowered elevation. This included a 96 pairs of fiber optic cable that extends to Kenmore Square and on to One Summer Street. As part of the reciprocal easement, the Town agreed that the project would improve part of MBTA's infrastructure, which then provided the clearance needed for constructing the Town's new High School air rights building above and adjacent to the Green Line.

Once complete, the project will deliver educational and support facilities designed to enhance the learning experience, increase safety and meet the latest codes and standards to accommodate Brookline's overcrowded and increasing enrollment. Funded completely by the Town, budget and schedule are key drivers of the work, as are the Town's newly adopted sustainability goals.

Firm Hill International, Inc.



is presently providing construction schedule review services on behalf of Brookline High School for four major addition and renovation projects. Baseline schedule analysis and monthly schedule updates are ongoing.

#### University of Massachusetts Boston Renovations, Boston, MA, Risk Management

provided a limited risk assessment to determine optimum use of project budget as it related to risk associated with the planned project.

### Northeastern University, Interdisciplinary Science and Engineering Complex (ISEC), Boston, MA, Scheduler

provided scheduling and other services to Northeastern University (NU) for their new Interdisciplinary Science and Engineering Complex (ISEC).

### University of Massachusetts Building Authority, University of Massachusetts Amherst, Integrated Design Building, Amherst, MA, Scheduler

provided scheduling services to the University of Massachusetts Building Authority for the Integrated Design Building (IDB) at the University of Massachusetts Amherst. The Integrated Design Building is a new 82,000 SF academic building to house both the Landscape Architect and Regional Planning program and the Architect + Design and Building Construction Technology programs. The team managed the designer selection process, project schedule development and program budget.

# Dormitory Authority of the State of New York (DASNY), Advanced Science Research Center (ASRC)/City College of New York (CCNY), New York, NY, Scheduler and Risk Analyst

performed schedule update reviews and risk analysis for a \$705 million research center on the campus of the CCNY in Harlem. He also provided risk management and related constructability analysis including risk assessment and mitigation development. The goal of the risk management strategy will improve certainty regarding the September 2014 operational milestone.

## New York City School Construction Authority (NYCSCA) Claims Review Project, New York, NY, Managing Consultant

was assigned by the New York City School Construction Authority to provide cost claims consulting services on an accelerated school renovation project, the Urban Assembly School for Young Women in Manhattan.

### Connecticut Department of Public Works, Southern Connecticut State University, OnCall Claims Analysis for Engleman Hall, Hartford, CT, Managing Consultant

provided claims analysis services for construction claims on this education building project for the Connecticut DPW. Mark performed delay claims analysis on the \$38.7 million Engleman Hall project. As part of the assignment, he evaluated delays, as well as improper and excessive changes by the contractor and associated subcontractors.

HOTELS, CASINOS, AND RESORTS





has eight years of experience managing construction projects from start to closeout for public and private clients. On her assignments, responsibilities include preparing RFIs, submittals, transmittals, change orders, and payment requisitions; assisting the project manager in quantity take-off and bid document preparation; and related project controls support as well as coordinating and maintaining relationships with clients, subcontractors, and suppliers. She has a proven record of directing project-wide operations, administering, scheduling, managing multiple projects simultaneously, and completing the projects on time. She also estimates the quantity and cost of materials, labor, and equipment. 1111 specializes in work involving multiple stakeholders and in keeping all key decision makers informed and on-board through detailed cost reporting and tracking. Her specialized software skills include AutoCAD, Staad Pro, SketchUp, Plan Swift, Bluebeam, Microsoft Project, Primavera P6, Buildertrend, Procore, Submittal Exchange, LoadSpring, QuickBooks, and Microsoft Office.

### RELEVANT EXPERIENCE

### Dormitory Authority of the State of New York, Hunter College - West Building Plaza Rehabilitation Associated Asbestos Abatement, New York, NY, Project Manager and Scheduler

This \$4 million project entailed selected demolition and abatement of the West Building Plaza, including waterproofing and sealants, temporary protection, modification of existing precast and stone exterior cladding panels, new concrete work, exterior stonework, new structural steel work and decking, new ornamental metal work, new waterproofing and insulation system, fire proofing, and firestopping. The project also included new doors and hardware, painting, signage, device identification, plumbing work, architectural accent lighting, new stone paving, concrete walks, and landscape work. responsibilities included planning all construction operations; preparing the CPM schedule, monthly updates, and schedule reports; creating and managing RFIs, submittals, transmittals, and change orders; verifying adherence to all health and safety standards and reporting issues; material and equipment procurement; negotiation and finalization of subcontractor agreements; inspecting all projects after completion; and preparing and acquiring as-builts and closeout documents from subcontractors.1111 also served as site supervisor when needed.

Firm Hill International, Inc.





## Dormitory Authority of the State of New York, Hunter College - Cooperman Baker Walkway and Associated Asbestos Abatement, New York, NY, Project Manager and Scheduler

This \$2 million project provided a new 10-foot walkway to physically connect the Baker Building at 149–151 East 67th Street and the Hunter East Building at 921 Lexington Avenue with a short, enclosed walkway, aka "the connection". The connection is framed in steel and clad in a rain screen system of fiber-cement and corrugated metal panels. The scope of work also included a new sprinkler and electrical service, a new fire alarm, and HVAC services. Tesponsibilities included planning all construction operations; preparing the CPM schedule, monthly updates, and schedule reports; creating and managing RFIs, submittals, transmittals, and change orders; verifying adherence to all health and safety standards and reporting issues; inspecting all projects after completion; and preparing and acquiring as-builts and closeout documents from subcontractors.

## MTA Bridges and Tunnels, Verrazzano-Narrows Bridge Miscellaneous Repairs, Staten Island, NY, Project Manager and Scheduler

This \$1.3 million project included 10,000 SF of cold-applied SBS modified roofing system, façade restoration, interior restoration, and painting. responsibilities included planning all construction operations; preparing the CPM schedule, monthly updates, and schedule reports; creating and managing RFIs, submittals, transmittals, and change orders; verifying adherence to all health and safety standards and reporting issues; material and equipment procurement; negotiation and finalization of subcontractor agreements; inspecting all projects after completion; and preparing and acquiring as-builts and closeout documents from subcontractors.

## Dormitory Authority of the State of New York, Medger Evers College - Bedford Avenue Building Site Reconstruction, Brooklyn, NY, Project Manager and Scheduler

This \$4.23 million project included replacement of 11,830 SF of colored concrete pavements and steps; 14,590 SF concrete sidewalk; 191 CY grade beams on helical piles; 1,202 LF precast curbs; 140 CY various precast elements; and 2200 CY of soil removal, grading, and replacement. Cath basins were installed as part of a new drainage system. Landscaping work included placement of 154 new trees and 13,203 SF of shrubs and sod, installation of 2,210 SF of granite pavers and 1,585 SF of brick pavers over asphaltic bed, placement of 233 LF of gabion wall, and installation of performance irrigation and plumbing. A new 924 SF wood deck was constructed, along with 28 various pieces of custom furniture made of IPE wood. Handrails and railings were also installed.

Tesponsibilities included planning all construction operations; preparing the CPM schedule, monthly updates, and schedule reports; creating and managing RFIs, submittals, transmittals, and change orders; material and equipment procurement; negotiation and finalization of subcontractor agreements; verifying adherence to all health and safety standards and reporting issues; inspecting all projects after completion; and preparing and acquiring as-builts and closeout documents from subcontractors.



NAME	
TITLE	Principal- In-Charge
FI RIM	Hill International, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS  SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT ( IN MONTHS)	%OFTIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
New Jersey Division of Property Management and Construction Rebuild by Design and Other NJ DEP Flood Mitigation and Environmental Infrastructure Projects, Secaucus, Hoboken, Weehawken, and Jersey City, NJ (CV \$300M)	AECOM	Construction Management, Construction Inspection, Cost Estimating, Scheduling	Principal-in- Charge	35 Months	5%	2020-Current	
New York City Department of Design and Construction, Superstorm Sandy Housing Recovery Build-It-Back (818) Program, New York, NY (CV \$1.48)	Multiple Projects and A/E Firms	Construction Management, Construction Inspection, Cost Estimating, Scheduling	Principal-in- Charge	36 Months	5%	2015-2019	
New York Governor's Office of Storm Recovery (GOSR), Disaster Recovery CM Support Services, New York, NY (CV \$28)	Multiple Projects and A/E Firms	Construction Management, Construction Inspection, Cost Estimating, Scheduling	Principal-in- Charge	24 Months	10%	2015-2020	
General Services Administration (GSA) Region 2, Jacob K Javits Federal Building Backfill and Renovation, New York, NY (CV \$95M)		Construction Management, Construction Inspection, Cost Estimating, Scheduling	Principal-in- Charge	48 Months	10%	2017-2020	

Dormitory Authority of the State of New York (DASNY), Fashion Institute of Technology, New Academic Building, New York, NY (CV \$145M)	Construction Management, Construction Inspection, Cost Estimating, Scheduling	Principal-in- Charge	60 Months	5%	2019-Current
New York City Department of Design and Construction (DDC), Central Park Police Project, New York, NY (CV \$52M)	Construction Management, Construction Inspection, Cost Estimating, Scheduling	Principal-in- Charge	60 Months	5%	2011-2015
Dormitory Authority of the State of New York (DASNY), Westchester Courthouse, Westchester, NY (CV \$200M)	Construction Management, Construction Inspection, Cost Estimating, Scheduling	Principal-in- Charge	36 Months	10%	2008-2011

<sup>\*</sup>TECHNICAL AND MANAGEMENT STAFF LEVEL 5 AND ABOVE ARE DEFINED AS "KEY TEAM MEMBERS"

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NAME	RET TEAM MEMBER TROSECT EXPERIENCE DATA SHEET
TITLE	Contract Executive
fi RM	Hill International, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/EOF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	%OFTIME DURING <b>DURATION</b> BASED <b>UPON</b> A 40 HOUR <b>WEEK</b>	DATES OF THE TEAM MEMBER'S INVOLVEMENT INTHE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
New Jersey Division of Property Management and Construction Rebuild by Design and Other NJ DEP Flood Mitigation and Environmental Infrastructure Rebuild by Design (J0334-00 CMF- 003) (\$350M+)	AECOM	Preconstruction, Construction Management, Construction Inspection, Cost Estimating, Scheduling	Program Director	32	75%	03/21 - Present	
New York City Department of Parks and Recreation, On-Call Construction Management New York, NY (Multiple Contracts) (\$650M+ Construction)	Multiple Projects and A/E Firms	Construction Management, Construction Inspection, Cost Estimating, Scheduling	Program Director	191	25%	01/07 - Present	
New York City Department of Parks and Recreation, Superstorm Sandy Beach Restoration Emergency Contract (J0334-00 CMF-003) (\$12M)	Multiple Projects and A/E Firms	Construction Management, Construction Inspection, Cost Estimating, Scheduling	Project Director	27	100%	12/12-03/15	

Office of Parks, Recreation and Historic Preservation, NYS (Term Contract D004584) (\$12M)	Multiple Projects and A/E Firms	Pre-Con, Procurement, Constr. Mgmt, Constr. Inspection, Cost Estimating, Scheduling	Project Director	61	30%	09/15-10/20	
NYC Department of Design and Construction Lion House at the Bronx Zoo (\$50M)	FXFowle	Procurement, Construction Management, Construction Inspection, Cost Estimating, Scheduling	Project Manager	32	100%	04/04-01/07	
Hudson River Park Trust, Phase 1 Segment 4, New York, NY (\$40M)	ABB	Pre-Construction, Estimating, Logistics, Construction Management	Project Manager	36	25%	08/00-08/03	

<sup>\*</sup>TECHNICAL AND MANAGEMENT STAFF LEVEL 5 AND ABOVE ARE DEFINED AS "KEY TEAM MEMBERS"

NAME	
TITLE	Senior Project Manager
<b>FIRM</b>	Hill International, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/EOF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM,CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT ( IN MONTHS)	%oftime During Duration Based Upon A 40 Hour Week	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
New Jersey Division of Property Management and Construction Rebuild By Design Liberty Street Pumping Station and Force Main Project, little Ferry, N	AECOM	Construction Management, Construction Inspection,	Senior Project Manager	6 Months	100%	5/2023	
New York City Department of Environmental Protection REG-23B Citywide Collection Facilities Supervisory Control and Data Acquisition (SCADA) System, New York, NY	ARCADIS	Construction Management	Senior Construction Manager	3 Years	100%	3/2008-11/2011	
New York City Department of Environmental Protection PW- 112-N Construction Management Services for Bureau of Wastewater Treatment (BWT) Capital Proj'ects, New York,	HOR	Construction Management	Senior Construction Manager	1 Year	100%	8/2019-3/2020	
New York City Department of Environmental Protection (NYCDEP), 26th Ward Wastewater Treatment Plant Upgrade - High-Level Main Sewage Pump Improvements (Contract 21) and	Jacobs	Construction Management	Senior Construction Manager	4 Years	100%	12/2015-8/2019	

Preliminary Treatment Reliability Improvements (Contract 20)							
New York City Department of Environmental Protection (NYCDEP), Total Residual Chlorine Reduction Program, Port Richmond, NY	Jacobs	Construction Management	Resident Engineer	2 years	100%	12/2015-9/2017	

<sup>\*</sup>TECHNICAL AND MANAGEMENT STAFF LEVEL 5 AND ABOVE ARE DEFINED AS "KEY TEAM MEMBERS"

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TITLE Senior Project Manager

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Hill International, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/EOF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT( N MONTHS)	%OFTIME DURING DURATION BASED UPON A40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT N THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
New Jersey Division of Property Management and Construction Rebuild by Design and Other NJ DEP Flood Mitigation and Environmental Infrastructure Projects	AECOM	Construction Management, Construction Inspection, Cost Estimating, Scheduling	Senior Project Manager	35 Months (Ongoing)	100%	01/21-Current	
New York City Department of Parks and Recreation, Riverside Park South Phase V, Manhattan Construction, New York, NY	Thomas Balsley Associates	Construction Management, Construction Inspection, Cost Estimating, Scheduling	Project Manager	54 Months	100%	06/16-12/20	
Governor's Office of Storm Recovery Small Business Damage Assessments, Multiple Locations, NY	N/A	Construction Management, Construction Inspection, Cost Estimating, Scheduling	Resident Engineer	6 Months	100%	01/16-06/16	
New York City Department of Parks and Recreation, ADA Pedestrian Ramp at Dyckman Street, Manhattan Construction, New York, NY	Stantec	Construction Management, Construction Inspection, Cost Estimating, Scheduling	Resident Engineer	33 Months	100%	12/12-09/15	
New York City Department of Parks and Recreation, Far Rockaway Park West, Queens Construction, New York, NY	Quennell Rothschild & Partners	Construction Management, Construction Inspection, Cost	Resident Engineer	19 Months	100%	3/11-10/12	

		Estimating, Scheduling					
New York City Department of Parks and Recreation, Asphalt to Turf Unit of Capital Projects Division, New York, NY	ABB	Construction Management, Construction Inspection, Cost Estimating, Scheduling	Resident Engineer	12 Months	100%	03/10-03/11	

<sup>\*</sup>TECHNICAL AND MANAGEMENT STAFF LEVEL 5 AND ABOVE ARE DEFINED AS "KEY TEAM MEMBERS"

NAME	
TITLE	Project Manager
FI RM	Hill International, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT ( IN MONTHS)	% of time During Duration Based upon a 40 hour week	DATES OF THE TEAM MEMBER'S INVOLVEMENT N THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
New York City Department of Parks and Recreation (DPR), Beach 98 <sup>th</sup> Playground, New York, NY, (Fee \$SM)	NYCDPR	Construction Management, Construction Inspection	Resident Engineer	7 Months	100%	05/22-12/22	
New York City Department of Parks and Recreation (DPR), State Street and Peter Minuit Plaza in Battery Park Playground Expansion, New York, NY (CV \$18M)	BKSK and SWLA	Construction Management, Construction Inspection	Resident Engineer	24 Months	100%	12/19-12/21	
New York City Department of Parks and Recreation (DPR), Reconstruction of Seward Park, New York, NY (Fee \$4.SM)	NYCDPR	Construction Management, Construction Inspection	Resident Engineer	10 Months	100%	02/19-12/19	
New York City Department of Design and Construction (DOC), Superstorm Sandy Housing Recovery Build it Back (BiB) Program, New York, NY	Various Projects and A/E Firms	Construction Management, Construction Inspection	Project Engineer	38 Months	100%	12/15-02/19	

MTA New York City Transit, Clifton Track Staten Island Railroad Mainline Track Rehabilitation, Staten Island, NY (CV \$58M)	MTA/NYCT	Construction Management, Construction Inspection	Resident Engineer	24 Months	Overtime Only	06/21–06/23	

<sup>\*</sup>TECHNICAL AND MANAGEMENT STAFF LEVEL 5 AND ABOVE ARE DEFINED AS "KEY TEAM MEMBERS"

NAME		
TITLE	Project Manager	
FIRM	Hill International, Inc.	_

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE  New York City Department of Parks and Recreation (NYC DPR), Alley Pond Environmental Center, Queens, NY (CV \$21M)	A/EOF RECORD FOR THIS REFERENCED PROJECT Leroy Street Studio	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING) Construction Management, Construction Inspection	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT Resident Engineer	DU RATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS) 26 Months	%OFTIME DURING DURATION BASED UPON A 40 HOUR WEEK 100%	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT 2/8/21-Current	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
New York City Department of Parks and Recreation (NYC DPR), Rockaway Skate Park, Rockaway, NY (CV \$3M)	Quennell Rothschild & Partners, LLC	Construction Management, Construction Inspection	Resident Engineer	24 Months	100%	8/20/19-11/6/20	
New York City Department of Parks and Recreation (NYC DPR), Playground Thirty-Five, Astoria, NY (CV \$2.2M)	Abel Bainnson Butz, LLP	Construction Management, Construction Inspection	Resident Engineer	24 Months	100%	5/21/18-11/6/20	
New York City Department of Parks and Recreation Olmsted Annex, Flushing, NY (CV \$SM)	BKSK	Construction Management, Construction Inspection	Resident Engineer	36 Months	100%	10/1/11-5/1/14	
New York City Department of Parks and Recreation Pia NYC Trees and Sidewalks Program	DPR	Construction Management, Construction Inspection	Resident Engineer	36 Months	100%	11/1/10-9/30/11 5/2/14-6/30/16	

New York City Department	DPR	Construction	Resident	12 Months	100%	11/2/09-10/31/10	
of Parks and Recreation		Management,	Engineer				
Street Tree Division, New		Construction					
York, NY		Inspection					

<sup>\*</sup>TECHNICAL AND MANAGEMENT STAFF LEVEL 5 AND ABOVE ARE DEFINED AS "KEY TEAM MEMBERS"

	EMBER PROJECT EXPERIENCE DATA SHEET
NAM	
TITLE	Project Manager
FIRM	LiRo Program and Construction Management, PE P.C. (LiRo)

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OFTHE REFERENCED PROJECT ( N MONTHS)	%OFTIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NYS Office of Parks, Recreation and Historic Preservation, Athletics Facility Locker Rehabilitation (CV \$SM)	WSP	Construction Management	Project Manager	7 months	9S%	01/23-07/23	
NYS Office of Parks, Recreation and Historic Preservation, Aquatics Facility lockers Rehabilitation (CV \$SM)	WSP	Construction Management	Project Manager	6 months	70%	07/23-01/24	
NYS Office of Parks, Recreation and Historic Preservation, Cultural Building HVAC Renovation (CV \$6M)	WSP	Construction Management	Project Manager	4 months	2S%	09/23-01/24	
NYS Office of Parks, Recreation and Historic Preservation, North Stair Rehabilitation (CV \$6M)	WSP	Construction Management	Project Manager	2 months	<b>S</b> %	10/23-01/24	
RWU - Barnabas Hospitals, Combined Heat and Power (COGEN) Projects (CV \$30M)	ICHPS (Gearoid Foley)	Construction Management	Senior Project Manager, Infrastructure	24 months	60%	01/21-01/23	
RWJ - Barnabas Hospitals, Miscellaneous	Various	Construction Management	Senior Project Manager, Infrastructure	24months	40%	01/21-01/23	

Infrastructure projects (CV \$40M)							
Hudson Properties, One Clinton (residential tower) (CV \$180M)	Marvel	Construction Management	Senior MEP Project Manager	24 months	100%	02/18-01/20	
Related Companies, Equinox Tower (CV \$800M)	Gensler	Construction Management	Senior MEP Project Manager	12 months	100%	02/17-02/18	
Memorial Sloane Kettering, Ambulatory Cancer Care Hospital (CV \$800M)	Perkins Eastman	Construction Management	Senior MEP Project Manager	48 months	100%	03/13-02/17	F

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NAME	
TITLE	Project Manager
FIRM	Hill International, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT ( IN MONTHS)	%OFTIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Stamford Transportation Center Escalator/Elevator Modernization (CV\$24.9M)	Michael Baker International	CM/Resident Engineering	CEI Staff (Resident Engineer, Senior Inspector, Inspector)	6 Months (Still Present)	100%	5/2023-Present	
Alley Pond Environmental Center (CV \$21.325M)	Leroy Street Studio	CM/Resident Engineering	Resident Engineer	26 Months	100%	6/2020-8/2023	
Rockaway Beach Handball Courts (CV\$1.9M)	Quennel Rothschild and Partners	CM/Resident Engineering	Resident Engineer	15 Months	100%	3/2019-6/2020	

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NAME	
TITLE	Permit Coordinator/Expeditor
FIRM	GEi Consultants, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OFTHE REFERENCED PROJECT ( IN MONTHS)	%OFTIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Trout Creek Reservoir Investigations, Peabody Energy, Oak Creek, CO- (\$200,000}	Don Conklin	Field Study Investigation. See Resume for full description of project duties and responsibilities performed.	Staff Ecologist	36 Months	20%	05/2013-05/2016	
Moffat Collection System Environmental Impact Statement, Denver Water, Denver, CO- (\$400,000)	Don Conklin	Environmental Impact Statement. See Resume for full description of project duties and responsibilities performed.	Staff Ecologist	60 Months	20%	6/2010-5/2015	
White River Stream Management Plan, ERO Resources, Meeker, CO- (\$28,000)	Ashley Ficke	Management Plan. See Resume for full description of project duties and responsibilities performed.	Fisheries Lead	20 Months	20%	05/2020 - 01/2022	
Yampa River Fisheries Assessment, The River Network, Routt & Moffat Counties, CO- (\$20,000)	Ashley Ficke	Fisheries Health Assessment. See Resume for full description of project duties and responsibilities performed.	Fisheries Lead	7 Months	30%	06/2020 - 01/2021	

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TITLE Permit Coordinator/Expeditor

FIRM GEi Consultants, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OFTHE REFERENCED PROJECT ( N MONTHS)	% of time During Duration Based upon a 40 hour week	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Continental Hoosier Systems Program Environmental Assessment (EA) Support, AECOM for Colorado Springs Utilities, Blue River, CO- (\$215,500)	Not Applicable	Environmental Assessment (EA) Support See Resume for full description of project duties and responsibilities performed.	Lead Ecologist	~ 30 Months	5%	4/2021 to Present	
Northern Integrated Supply Project (NISP) Environmental Impact Statement (EIS), ERO Resources, Fort Collins, CO- (\$725,800)	Not Applicable	Aquatic Ecological Support See Resume for full description of project duties and responsibilities performed.	Staff Ecologist	18 Months	17%	9/2011- 2/2013	
Montanore Environmental Impact Statement (EIS), ERO, Libby, MT-(\$110,200)	Not Applicable	Environmental Impact Statement See Resume for full description of project duties and responsibilities performed.	Lead Ecologist	29 Months	30%	4/2013 - 9/2015	

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NAME	
TITLE	Superintendent
FIRM	Hill International, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT ( IN MONTHS)	%OFTIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
PARQ Parsippany, NJ {CV \$180M}	Minno-Wasko	CM .	Senior Project Manager	23 Months	100%	1/22-Present	
QPAC/DASNY	JBB	CM	Senior Project Manager	6 Months	100%	7/21-12/21	
NYCDDC BIB Program {CV \$350M)	AECOM	CM Closeout	Senior Project Manager	12 Months	100%	7/20-6/21	
26 Federal Plaza (CV\$1S0M)	Jaros, Baum & Bolles	CM	Senior Project Manager	6 Months	100%	1/20-6/20	
New York City Department of Design and Construction, Superstorm Sandy Housing Recovery Build-it-Back (BiB) Program, New York, NY (CV \$SOM)	IBTS AECOM	Construction Management and Inspection Services See Resume for full description of project duties and responsibilities performed.	Inspector/Construction Manager	88 Months	100%	07/16-12/19	

TS Home Improvement, Residential Projects, Irvington, NY (CV \$00)	Multiple Projects	Construction Management See Resume for full description of project duties and responsibilities performed.	Construction Manager	84 Months	100%	2009-2016	
Interconnect Supplies Inc., Multiple Projects, Irvington, NY (CV \$30M)	Multiple Projects	Project Management See Resume for full description of project duties and responsibilities performed.	Project Manager	60 Months	100%	2004-2008	
Huntsman Advanced Materials (Formerly Ciba- Geigy), Multiple Projects, Multiple Locations, North America (CV \$60M)		See Resume for full description of project duties and responsibilities performed.	Construction Superintendent	432 Months	100%	1987-2003	

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	EMBER	PROJECT EXPERIENCE DATA SHEET
NAME		
TITLE	Superintendent	
<b>FIRM</b>	Hill International, Inc.	

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OFTHE REFERENCED PROJECT ( IN MONTHS)	%OFTIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
New York City Department of Design and Construction (NYC DOC), Superstorm Sandy Housing Recovery Build-it- Back (BiB) Program, New York, NY (\$3.28)	AECOM	Construction Management See Resume for full description of project duties and responsibilities performed.	Construction Manager	24 Months	100%	01/17-09/19	
New York City Department of Design and Construction (NYC DOC), Borough Based Jail Systems (BBJS) Rikers Island Project, New York, NY (\$8.78)	Urbahn/Marvel	Construction Management See Resume for full description of project duties and responsibilities performed.	Project Manager and Field Coordinator	48 Months	100%	11/19-Present	
New York City Department of Parks and Recreation (DPR), Construction Project Management Services Above	Various	Project Management See Resume for full description of project duties and responsibilities performed.	Project Manager	12 Months	100%	On-Call/On-Going	

\$3M, New York, NY				
(\$3M)				

<sup>\*</sup>TECHNICAL AND MANAGEMENT STAFF LEVEL 5 AND ABOVE ARE DEFINED AS "KEY TEAM MEMBERS"

**NAME** 

TITLE Superintendent

**FIRM** 

LiRo Program and Construction Management, PE P.C. (LiRo)

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OFTHE REFERENCED PROJECT ( N MONTHS)	%OFTIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT INTHE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
OPRHP, Site and Building Construction - Phase 2 Frederic Church Visitor Center Olana State Historic Site (\$12.7M)	(ARO) Architecture Research Office	Construction Management Services See Resume for full description of project duties and responsibilities performed.	Superintendent	16 Months	100%	01/23/23-Present	
Bergen County Department of Parks and Recreation, Riverside County Park South Capital Improvements, New Rowing Center (\$7.6M)	Clarke Caton Hintz, P.C. 100 Barrack Street Trenton, NJ08608 Tel: 609-883- 8383 Fax: 609- 883-4044	Construction Management Services See Resume for full description of project duties and responsibilities performed.	Superintendent	13.5 Months	100%	05/05/21- 06/28/22	
DASNY, Minnewaska State Park, Infrastructure/Storm Drainage and Parking Lot Restoration (\$20M)	LA Group Landscape Architecture & Engineering P.C. 40 Long Alley Saratoga Springs, NY 12866	Construction Management Services See Resume for full description of project duties and	Superintendent	27.5 Months	100%	08/23/18- 06/28/22	

BKSK	responsibilities			
Architects,LLP	performed.			
28 W. 25 Street				
New York, NY				
10010				

<sup>\*</sup>TECHNICAL AND MANAGEMENT STAFF LEVEL 5 AND ABOVE ARE DEFINED AS "KEY TEAM MEMBERS"

# KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME	
TITLE	Superintendent
D DN/I	Li Ro Program and Construction Management PF PC (Li Ro)

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OFTHE REFERENCED PROJECT ( IN MONTHS)	%OFTIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NYS Office of Parks, Recreation and Historical Preservation, Riverbank State Park Track & Field Replacements, Bronx, NY (\$4.3M)	WSP	Historical Preservation &Project Management See Resume for full description of project duties and responsibilities performed.	Superintendent	6 Months	100%	03/23-08/23	
NYS Office of Parks, Recreation and Historical Preservation, Riverbank State Park Aquatics Facilities Locker Rehabilitation Project, Bronx, NY (\$7.3M)	WSP	Project Management See Resume for full description of project duties and responsibilities performed.	Superintendent	6 Months	90%	06/23-11/23	
New York City DPR, Reconstruction of McDonald's Playground, NY (\$4.4M)	MKW Associates	Construction Management See Resume for full description of project duties and responsibilities performed.	Resident Engineer	18 Months	70%	06/17-12/19	

NYC DPR,	NYC Parks, In-	Construction	Resident Engineer	18 Months	30%	06/17-12/19	
Reconstruction of	House	Management					
Levy Playground,		See Resume for full					
NY (\$2.1M)		description of					
		project duties and					
		responsibilities					
		performed.					

<sup>\*</sup>TECHNICAL AND MANAGEMENT STAFF LEVEL 5 AND ABOVE ARE DEFINED AS "KEY TEAM MEMBERS"

# IIIIIIII EMBER PROJECT EXPERIENCE DATA SHEET

VAME	
TITLE	Scheduler
FIRM	Hill International, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OFTHE REFERENCED PROJECT ( IN MONTHS)	%OFTIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT INTHE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
New Jersey DPMC, Rebuild by Design Hudson River Project, Hoboken, Weehawken, and Jersey City, NJ	AECOM	Constructability and Scheduling Services See Resume for full description of project duties and responsibilities performed.	Lead Scheduler/ Constructability Manager	9 Months	30%	09/18-07/19	
GSA, Jacob K Javits Federal Building Backfill and Renovation, New York, NY	Perkins - Eastman	Scheduling Services See Resume for full description of project duties and responsibilities performed.	Project Scheduler	9 Months	10%	06/17-10/18	
Metropolitan Transportation Authority Police Department (MTAPD), New District 9 Police Facility, Staten Island, NY	diDomenico + Partners, LLP	Construction Management Services See Resume for full description of project duties and responsibilities performed.	Construction Manager/Commissioning Manager	27 Months	100%	1/19-4/21	
NYPA, One Police Plaza Energy Conservation	Parsons Brinkerhoff	Scheduling Services See Resume for full description of	Project Scheduler	9 Months	15%	10/15-06/18	

NY responsibilities	
performed.	

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# KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME	
TITLE	Scheduler
<b>FIRM</b>	Hill International, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT ( IN MONTHS)	% of time During Duration Based upon a 40 hour week	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Town of Brookline, Brookline High School, Brookline, MA	William Rawn Associates	Owner's Rep See Resume for full description of project duties and responsibilities performed.	Schedule Analyst	31 Months	35%	02/19 - 09-21	
UMASS Boston Renovations, Boston, MA	NBBJ Boston	Risk Management See Resume for full description of project duties and responsibilities performed.	Risk Management	79 Months	5%	04/17-Present	
Northeastern University, Interdisciplinary Science and Engineering Complex {ISEC), Boston, MA	Payette Associates Inc.	Scheduling Services See Resume for full description of project duties and responsibilities performed.	Scheduler	24 Months	20%	01/1501/17	
University of Massachusetts Building Authority, UMASS Amherst, Integrated Design Building, Amherst, MA	NBBJ Boston	Scheduling Services See Resume for full description of project duties and responsibilities performed.	Scheduler	9 Months	15%	10/15-07/16	

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# KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME	
TITLE	Scheduler
<b>FIRM</b>	Hill International, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (CM, CPM, COST ESTIMATING)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OFTHE REFERENCED PROJECT ( IN MONTHS)	%OFTIME DURING DURATION BASED UPON A40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT INTHE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
DASNY, Hunter College - West Building Plaza Rehabilitation Associated Asbestos Abatement, New York, NY-\$4 million	Pasquale "Pat" Giacalone, AIA Associate  Elemental Architecture LLC The Nature of Architecture  Sine Elemental LLC Identity & Media	Project Management and CPM Scheduling. See Resume for full description of project duties and responsibilities performed.	Project Manager and Scheduler	18 Months	15%	04/21-10/22	
DASNY, Hunter College - Cooperman Baker Walkway and Associated Asbestos Abatement, New York, NY-\$2 million	Calvert Wright Architecture I Spatial Discipline	Project Management and CPM Scheduling. See Resume for full description of project duties and responsibilities performed.	Project Manager and Scheduler	17 Months	10%	04/21-09/22	
MTA Bridges and Tunnels, Verrazzano- Narrows Bridge Miscellaneous Repairs, Staten	MTA Design Services	Project Management and CPM Scheduling. See Resume for full description of project duties	Project Controls Manager and Scheduler	21 Months	8%	12/20-09/22	

Island, NY-\$1.3 million		and responsibilities performed.					
DASNY, Medger Evers College - Bedford Avenue Building Site Reconstruction, Brooklyn, NY- \$4.23 million	Jacob Glazer, PLA, WEDG, ASLA Associate   Landscape Architect SWA/Balsley	Project Management and CPM Scheduling. See Resume for full description of project duties and responsibilities performed.	Project Manager and Scheduler	36 Months	12%	01/19-01/22	

<sup>\*</sup>TECHNICAL AND MANAGEMENT STAFF LEVEL 5 AND ABOVE ARE DEFINED AS "KEY TEAM MEMBERS"



# SECTION 2 CMF EXPERIENCE ON CONTRACTS/PROJECTS OF A SIMILAR SIZE & NATURE

# CMF EXPERIENCE ON CONTRACTS/PROJECTS OF A SIMILAR SIZE & NATURE

#### INTRODUCTION

Hill has extensive experience working for the State of New Jersey at various agencies such as the State of New Jersey, Department of Treasury Division of Property Management & Construction (DPMC), New Jersey Department of Environmental Protection (NJ DEP), New Jersey Transit (NJT), New Jersey Turnpike Authority (NJTA), New Jersey Department of Transportation (NJ DOT), Economic Development Authority (EDA), and Schools Development Authority (SDA). We have a full understanding of state regulations, administrative procedures and procurement requirements. We have worked on multiple project types from resiliency along the Hudson River and in the Meadowlands to renovations

Below are a few brie

highlights of our experience for DPMC and in New Jersey:

REBUILD BY DESIGN FLOOD MITIGATION AND ENVIRONMENTAL INFRASTRUCTURE PROJECTS, HUDSON RIVER AND MEADOWLANDS REGION, NJ DEP



Hill, in a joint venture, is providing project and construction management services to the New Jersey Department of Environmental Protection (DEP) under a contract with the New Jersey Division of Property Management and Construction (DPMC) for flood mitigation and environmental infrastructure projects. The Hill team is supporting the Rebuild by Design (RBD) program

consisting of six individual projects, two along the Hudson River and four in the Meadowlands.

# NYC EAST SIDE COASTAL RESILIENCY, NEW YORK, NY



Li Ro, in a Joint Venture, is providing project management/ construction management services for the Coastal Resiliency (CR) Program, an initiation undertaken by the City's primary capital construction project manager, the DOC, to confront the risks of extreme weather and climate change that have been more prevalent and recognizable in the last few years, especially extensive damage

caused by Hurricane Sandy in October 2012, by building a more resilient New York.

# SOUTH BATTERY PARK CITY RESILIENCY PROJECT, NEW YORK, NY



Li Po is providing construction management services for the South BPC Resiliency Project. This project includes resiliency measures at two points of severe flood vulnerability within Battery Park City. The Project includes all infrastructure construction related to the creation of a flood barrier system that will be constructed along an identified alignment that extends from the Battery Park City

Esplanade through Wagner Park ("Wagner Park"), and the Pier A Plaza, and then extending eastward along the northern edge of the Battery to a terminus at approximately the southwest corner of Battery Place and State Street.

# CITY OF NEW YORK PARKS AND RECREATION, NEW YORK, NY



Through a term requirements contract, Hill provides construction management services for the City of New York Department of Parks and Recreation (DPR) to manage the construction or renovation of Parks projects within the five boroughs of New York City. Hill has provided continuous staffing on more than 110 work orders totaling \$650 million.

# LARGE REQUIREMENTS CONTRACT, NEW YORK, NY



Since 1998, Hill has provided on-call construction management services to the New York City Department of Design and Construction (DOC) for large projects citywide in connection with the DDC's capital program. This three-year contract has been renewed three times, including multiple one-year extensions. Hill has managed more than 55 assignments for the DOC over the past two

decades, including interior and exterior renovations, rehabilitations, and new construction.

#### ON-CALL CM/GEC SERVICES, NEWARK, NJ



Hill has provided on-call Construction Management/General Engineering Consultant (GEC) Services for new construction and renovation of existing rail facilities and rail systems, on a task order basis for NJ TRANSIT under multiple contracts since 1996. Hill's services are provided for a variety of projects, including new stations, intermodal facilities improvements, subway track

extensions, new signals, systems integration and upgrades, and utilities.

# ON-CALL LICENSED SITE REMEDIATION PROFESSIONAL SERVICES, NEW JERSEY



South Jersey Port Corporation (SJPC) has multiple sites which have environmental issues and require evaluation for regulatory compliance. These sites include properties adjacent to SJPC facilities that are being remediated by third parties and have confirmed releases impacted SJPC property, properties currently owned by SJPC, and properties that SJPC is contemplating purchasing.

#### CMF PROJECT EXPERIENCE

The projects on the following pages provide further detail on our vast experience in this area and provide examples of our experience on projects of similar size and nature.





# REBUILD BY DESIGN FLOOD MITIGATION AND ENVIRONMENTAL INFRASTRUCTURE PROGRAM, NJ DEP

Meadowlands Region, Hoboken, Weehawken and Jersey City, NJ

Hill, in a joint venture, is providing project and construction management services to the New Jersey Department of Environmental Protection (DEP) under a contract with the New Jersey Division of Property Management and Construction (DPMC) for flood mitigation and environmental infrastructure projects. The Hill team is supporting two Rebuild by Design (RBD) program consisting of six individual projects. The RBD projects originated with a design competition sponsored by the U.S. Department of Housing and Urban Development (HUD) to find effective ways to protect people, homes, businesses and infrastructure, and to increase resilience in regions affected by Superstorm Sandy. The Rebuild by Design Program's approach to flood reduction and resiliency consists of four interrelated components:

Resist: A combination of hard infrastructure (such as bulkheads, floodwalls and seawalls) and soft landscaping features (such as berms and/or levees which could be used as parks) will act as barriers along the coast during exceptionally high tide and/or storm surge events.

**Delay:** Policy recommendations, guidelines and urban green infrastructure will slow stormwater runoff.

**Store:** Green and grey infrastructure improvements (such as bioretention basins, swales and green roofs) will slow down and capture stormwater.

**Discharge:** Development of new stormwater lines and pumping facilities to support Delay and Store infrastructure.

#### THE RBD HUDSON RIVER PROGRAM

This Program takes a multi-faceted approach to address flooding from both

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Client
New Jersey Division of
Property Management
and Construction (DPMC)

Services Project Management Construction Management Disaster Mitigation

Completion Date Ongoing



major storm surge and high tide as well as from heavy rainfall events. The project seeks to benefit flooding areas in Hoboken, Weehawken and Jersey City. The state has received \$230 million in CDBG-DR funds to implement this project.

Hill's scope of services includes assisting the DEP in managing the Hudson River RBD program throughout the phases of the project life cycle. The first work order was for the Feasibility Study and Environmental Impact Statement (FS/EIS) phases, with an emphasis on meeting goals relating to project deliverables, schedule, budget, scope and quality. The JV is also assisting the DEP attaining final approval from HUD for the EIS, Action Plan Amendment (APA) and Record of Decision (ROD).

The Rebuild by Design Hudson River program consists of two parts:

The **Sewer Separation Modification (SSM)** contract was the first phase of the Rebuild By Design Hudson River (RBDH) Project. The SSM contract was awarded in January 2021 and was completed in July 2022 for approximately \$7 million.

The **Resist** contract is the second phase of the RBDH project. It is defined by two distinct locations. The first is the North work zone, which encompasses northern Hoboken and parts of Weehawken; the second is the South work zone, which is comprised of southern Hoboken and parts of Jersey City. The \$250 million project was just started.

#### THE RBD MEADOWLANDS PROGRAM

Hill, in a Joint Venture, is providing construction management services on the RBD Meadowlands Program. This is a multi-year effort to plan, design and implement various flood reduction and resiliency measures. New Jersey will receive \$150 million in CDBG-DR funds to implement "Pilot Area 1" of the flood mitigation project known as the "New Meadowlands - Protect, Connect, Grow" (New Meadowlands). Pilot Area 1 encompasses portions of the towns of Carlstadt, Little Ferry, Moonachie, South Hackensack and Teterboro.

Hill assisted the DEP in determining the best, most cost effective way to implement comprehensive flood protection as well as reviewing the designer's FS/EIS for the project.

The four projects within the Meadowlands Program include:

- 1. Liberty Street Pump Station and Force Main (\$45M) just began construction.
- 2. East Riser Ditch Pump Station in final 100% design review, out to bid in 2024
- 3. East Riser Ditch Channel Improvements at 95% design review
- 4. Parks and Green Infrastructure Early design phase





# NYC EAST SIDE COASTAL RESILIENCY

New York, NY

LiRo, in a Joint Venture, is providing project management/construction management services for the Coastal Resiliency (CR) Program, an initiation undertaken by the City's primary capital construction project manager, the DOC, to confront the risks of extreme weather and climate change that have been more prevalent and recognizable in the last few years, especially extensive damage caused by Hurricane Sandy in October 2012, by building a more resilient New York.

The project scope and mission is to combat the effects of climate change by strengthening the City's coastal defenses, by upgrading and fortifying buildings, by protecting the City's Infrastructure and services and making neighborhoods safer and more vibrant. The goals include providing a reliable, integrated flood protection system; minimizing use of closure structures; improving waterfront open spaces and access; achieving implementation milestones and project funding allocations as established by HUD; and responding quickly to the urgent need for increased flood protection and resiliency. Proposed Locations for these Coastal Resiliency Projects include The East Side Coastal Resiliency (ESCR), E 25thStreet to Montgomery Street includes an integrated coastal protection system that will reduce the risk of flooding and facilitate access to the waterfront, creating improved public spaces and enhanced natural areas.

Among LiRo's scope of PM/CM duties will be to manage, supervise, coordinate and cooperate with construction contractors and any consultants; provide Construction Management services and be tasked with ensuring overall program compliance with agencies; procurement Management and Support; development of construction site access logistics; project and construction administration; adhering to scope baseline, schedule baseline and cost baseline; and project compliance with various grant criteria.

#### Firm LiRo

Client

New York City Department of Design and Construction

Services

Project management Construction Management

Total Project Value \$1.4 Billion

Completion Date Ongoing





# SOUTH BATTERY PARK CITY RESILIENCY PROJECT

New York, NY

Li Ro is providing construction management services for the South BPC Resiliency Project. This project includes resiliency measures at two points of severe flood vulnerability within Battery Park City. The Project includes all infrastructure construction related to the creation of a flood barrier system that will be constructed along an identified alignment that extends from the Battery Park City Esplanade through Wagner Park ("Wagner Park"), and the Pier A Plaza, and then extending eastward along the northern edge of the Battery to a terminus at approximately the southwest corner of Battery Place and State Street. The Barrier System Construction Project will also include, among other things, the demolition of the existing Wagner Park Pavilion; the modification of landscape and plaza components throughout the Project Site; modifications and upgrades to the storm drainage systems serving the Project Site; upgrades to the southern section of the Battery Park City Esplanade's relieving platform to accommodate flood protection measures and associated structural loads; the implementation of certain modifications to the water inlet and associated edge conditions separating Pier A from Pier A Plaza and Wagner Park; upgrades and modifications to storm water drainage systems within the Project Site; and temporary relocation and reinstatement of existing artwork in Wagner Park. The Barrier System will be certified and accredited by the Federal Emergency Management Agency ("FEMA"). The Project will also include the construction of a new Wagner Park Pavilion that will replace the existing Wagner Park Pavilion.

Firm LiRo

Client Battery Park City Authority

Services Construction Management

Total Project Value \$230 Million

Completion Date Ongoing







# SUPERSTORM SANDY HOUSING RECOVERY BUILD-IT-BACK (BIB) PROGRAM

New York, NY

Hill provided program, project, and construction management and related support to the New York City Department of Design and Construction (NYCDDC) and the Housing Recovery Office (HRO) in the repair, rebuilding, and elevation of homes damaged by Superstorm Sandy. Through the HRO's Build-it-Back (BiB) program, residents and owners of the more than 11,000 residences impacted by Sandy were ultimately be able to return to their homes. Funding for the BiB program was provided through Community Development Block Grant - Disaster Recovery (CDBG-DR) funds from the U.S. Department of Housing and Urban Development (HUD).

Hill provided comprehensive construction management services for the BiB Program and was responsible for providing construction and inspection management, program advisors, environmental health and safety (EHS) support, program controls and document management, customer service support, contract management, standard protocols for work execution, utility coordination and permit compliance, quality assurance/quality control auditing, and other services on an as-needed basis.

Program management tasks and services included CDBG-DR and HUD compliance management, QA/QC and Environmental Health and Safety. Staff augmentation and inspection services were provided in each of the affected regions including task leaders, document control technicians, safety professionals, call center representatives, and contract administrators to maintain the program goals.

#### Firm

Hill International, Inc.

#### Client

New York City Department of Design and Construction

#### Services

Program Management
Construction
Management
Disaster Recovery
Inspection
Project Controls
Document Control

Total Project Value \$1.4 Billion

**Completion Date** 2019



# COMMUNITY DEVELOPMENT BLOCK GRANT DISASTER RECOVERY INFRASTRUCTURE PROGRAM

Statewide, NY

Hill provided program management services for the New York Governor's Office of Storm Recovery (GOSR), overseeing the distribution of funds from the Housing and Urban Development (HUD) Community Development Block Grant Disaster Recovery (CDBG-DR) and the Housing Trust Fund Corporation (HTFC). GOSR's program repaired and mitigated storm damaged infrastructure and critical assets. Assets included low-income residences, government buildings, water and sewage treatment facilities, and transportation systems affected by Superstorm Sandy.

For GOSR, Hill established documentation processes, developed CDBG-DR pre-applications, executed legal documents, and completed permitting and other administrative responsibilities. Hill's program management tasks included coordination of contract and vendor goals with program goals, program reporting, and compliance services from pre-construction through closeout. These tasks supported GOSR's mission to return affected New York State residents and business owners to normalcy. In addition, Hill's support helped the program increase the State's overall resiliency against flooding and other disasters.

#### **Firm**

Hill International, Inc.

#### Client

Governor's Office of Storm Recovery

#### Services

Program Management Inspection

**Completion Date** 2020





# CITY OF NEW YORK PARKS AND RECREATION

New York, NY

Through a term requirements contract, Hill provides construction management services for the City of New York Department of Parks and Recreation (DPR) to manage the construction or renovation of Parks projects within the five boroughs of New York City. Hill has provided continuous staffing on more than 110 work orders totaling \$650 million.

Hill's construction management services include: continuous on-site supervision, maintaining accurate records, preparing detailed construction reports, ensuring adherence to contract documents, maintaining schedules, establishing lines of communication, reviewing contractor payments, preparing change orders and addressing community outreach needs. Hill's professional staff performs these services with a strict eye for schedule, budget and quality control.

# RIVERSIDE PARK SOUTH, PHASE V



Riverside Park is widely regarded as Manhattan's most spectacular waterfront park and is one of eight officially designated scenic landmarks in the City of New York. Since 1875, the landscapes of Frederick Law Olmsted have offered escape from the city and opportunities for people to relax, play and socialize.

## Firm

Hill International, Inc.

#### Client

New York City Department of Parks and Recreation

#### Services

Construction Management

Project Management

Total Project Cost \$650 Million

Completion Date Ongoing



Hill provided Construction Management services to the City of New York Department of Parks & Recreation (DPR) for the construction of the high-profile Phase V portion of Riverside Park on the west side of Manhattan, along the Hudson River, which is visited by New Yorkers and tourists alike.



Phase V is a 6-acre section of Riverside Park South with a total construction value of \$18 million. The scope of the project includes new active and passive amenities for all different types of park users. One of the main goals of the project was to provide access from elevated Riverside Boulevard down to the scenic Hudson River. This was accomplished by the construction of a grand staircase through the center of the site plus building long switchback ADA compliant ramps weaving back and forth through the site. Significant retaining walls with custom granite design

elements were required and are installed throughout the park.

Other new high-end material elements include paved plazas with abundant seating, playgrounds, spray showers, lawn areas, sport courts, site lighting, elaborate landscape installation, custom precast concrete planters, dog run and bike lane.

During construction, contaminated soil was discovered which required development of a detailed plan for safe storage, removal from site and disposal/treatment at approved facilities. The use of geofoam blocks was incorporated to limit fill material and help accommodate large grad changes. The project was partially funded by New York State Department of Transportation because a significant portion of the work was below the elevated section of the West Side Highway and work included a new half-mile access road with resurfaced bike lane.

Coordination with multiple stakeholders including Riverside Park Conservancy, NYC DPR, NYS DOT, NYC DEP and others was critical to the success of the project. Hill managed this coordination with open lines of communication and sharing of all relevant information.

#### BATTERY PLAYSCAPE



For more than 200 years, The Battery has been an invaluable part of New York City's history. The Battery Playscape reflects the sea, wind, sand, and surrounding park landscape of gardens. This horticultural haven will serve as a global exemplar of sustainable and climateresponsible playground design. The 1.4-acre Playscape responds to the growing number of Lower Manhattan families, the increase in the number of elementary schools, and the ever-increasing visitation by children from all five boroughs.



The project provided for the reconstruction and expansion of the existing playground, to include upgrading the play equipment, park lighting, and irrigation and drainage systems, along with other park amenities. This project was partially funded by HUD through Lower Manhattan Development Corporation (LMDC). Accurate documentation was critical at all times. The site conditions also required an MTA force account and compliance with all concerned other agency requirements regarding protecting existing utilities and other infrastructure. **Due to Superstorm Sandy, this project included resiliency components, including, drainage features consisting of bioswales of soil with perforated pipe underneath, which collect and drain rainwater into a 300,000-gallon Stormwater Detention Tank under the Dunes Zone. This tank discharges the water into the City sewer system. These features enhance the resiliency of the Playscape and help protect against flood events for the entire Park.** 



Hill provided construction management for this \$18 million reconstruction and expansion of the existing playground. The new Battery Park Playscape had its existing playground removed and replaced with new treehouses, playfeatures, a water and sand play area, an architectural concrete wall spanning 500 linear feet, park lighting, sand dune climbing wall with a retention tank underneath, new theatre, irrigation and drainage systems, exposed aggregate walkway, granite slides, and hexagon pavers new boulders around the park.

#### PLAY WITH PURPOSE

For children visiting the park, of course, the opportunity to learn and play on the park's many unique features and equipment is the most important consideration. The Playscape features five "zones:" Bluff with five granite slides; Riverbed and Marsh with salt-tolerant gardens, elevated tree houses, and sand/water play area; and Dune and Meadow presenting ShowBox, the first improv/puppet theater in a New York City playground.

Each zone reflects its own typology, with custom play equipment and structures and plantings. These zones encourage play while also educating children on the unique ecologies of marshlands and rocky bluffs. "The features here are amazing," says Short. "They come from around the world, and a lot are one-of-a-kind."

# CONFERENCE HOUSE PAVILION RECONSTRUCTION



Hill provided construction management services to New York City Department of Parks and Recreation (NYC Parks) for the reconstruction of the pavilion and associated site work at Conference House Park.

Located at the end of Hylan Boulevard and adjacent to Satterlee Street in Staten Island, the storm-battered pavilion was renovated into a new 3,000 SF water- and wind-resistant structure, providing the community with waterfront viewing.



The original pavilion was built in 1935 to honor Almer G. Russell, a community resident killed in battle during World War I. The renovation featured landscape enhancements and green infrastructure to better manage storm water runoff. Additionally, the project is fully ADA accessible and creates a pedestrian path leading to the pavilion from Hylan Boulevard. The scope of work included careful demolition of the existing structure, rehabilitation and extension of existing piles, installation of grade beams, and construction of new pavilion. The project also included landscape improvements, terrace seating area, and green infrastructure that helped manage storm water runoff.



Hill provided construction supervision services, including field inspection and contract administration. By monitoring payment and progress scheduling, and keeping the client informed through detailed reporting, the team helped NYC Parks oversee the entire construction process from preconstruction to closeout. Hill also conducted on-site observation to verify the contractor complied with contract documents.

# HIGHBRIDGE PARK ADVENTURE PLAYGROUND & SOCCER FIELD RECONSTRUCTION



As a part of a capital program to refurbish parks in New York City, NYC's Department of Parks and Recreation awarded Hill a contract to provide resident engineer services on the reconstruction of Adventure Playground. The playground was originally built in the 1970s and much of the equipment is worn out and dated. The Anchor Park program supports the refurbishment of a major park in each borough of NYC.

With the goal of improving the quality of play and recreational experiences as well as overall safety and security, Hill managed the installation of new discovery-based playground equipment, an open spray area, plantings, lighting, gathering areas, restrooms, synthetic turf soccer field, extensive lighting along the park's long, a winding path, and all relevant construction.

#### SKATE PARK AT ROCKAWAY BEACH



Rockaway Beach is enjoyed year-round by both residents and visitors and provides a range of outdoor attractions, including playgrounds and lounging areas along the entire Rockaway peninsula. Opened in 2004, the skate park was one of these popular destinations until it was damaged by Hurricane Sandy.

Hill demolished and removed the existing skate park, including fencing, paving, and steel skate elements. The skate park footprint was designed to fit within the new boardwalk access ramps to and overlooks the grandstand seating, which was an element installed as part of the boardwalk



reconstruction. Dedicated skate parks have become much more common place in New York City and provide a safe, welcoming place for a community that has often felt left out. Hill was proud to contribute to this project and looks forward to managing more like it in the future. A new and inviting plaza links the skate park to future development to the east as proposed by the Rockaway Parks Conceptual Plan.



The items and operations necessary to complete the reconstruction included, a new poured-in-place concrete skate park with custom metal work; supply and installation of new concrete walks, walls and curbs; new aluminum railing; new benches, shade structures; new drinking fountains and water supply work; new drainage structures and subsurface drainage system; supply and installation of new topsoil and plants. All drainage was infiltrated on site through a subsurface detention/infiltration system designed for the site soil conditions. Additionally, groves of pitch pines were

planted near the entrances, and native seashore shrubs and grasses within the park will serve as a linear rain garden.

### EMERGENCY WORK AT ROCKAWAY BEACH & CONEY ISLAND, ROCKAWAY BEACH & CONEY ISLAND, NY



Superstorm Sandy devastated the Rockaway peninsula, rendering the entire five-mile stretch of public access beach in Rockaway Beach to be inaccessible. The existing beaches were severely depleted, with a majority of the sand washed into the adjacent properties and streets. In addition, the wooden boardwalks were ripped off of their foundations and the historic Parks Services buildings were rendered useless by flooding and sand inundation. In addition to restoring the beaches, the clean-up project provided protective measures to withstand storm and tidal forces that may impact the coastline in future years.

Hill provided construction management and administrative services to manage multiple emergency capital projects facilitating the clean-up and "safe-up" of the public beaches and the adjacent Parks properties. The combined projects amounted to more than \$12 million dollars in emergency repairs being addressed in less than eight months. Hill coordinated the efforts of the City Department of Parks and Recreation contractor with all the various agencies associated with the beach rehabilitation efforts including with the New York State Office of Emergency Management, the National Park Service Rangers, the New York City Department of Design & Construction, the New York State Department of Environmental Conservation, the New York City Department of Environmental Preservation and the United States Army Corps of Engineers (USACE). Hill also developed multi-tiered project controls to satisfy the complicated needs of multiple federal, state and municipal agencies and to ensure that the fiscal expenditures were documented and monitored correctly.



#### CENTRAL FORESTRY - STREET TREE DIVISION & HORTICULTURAL

Hill provided the Central Forestry Division with construction management services and managed over 160 contracts. Hill successfully managed multiple contracts simultaneously with the Street Tree Division where a highly specialized team of field engineers manage different contractors throughout the City. This translates into 30,000 sites per year, located within one of the nation's most populated cities. Planting a tree in a rural or suburban environment may seem simple; however planting that same tree in a congested urban environment presents several challenges.

#### SYNTHETIC TURF BALLFIELDS



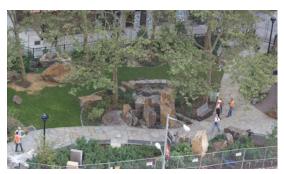
Hill managed over \$18 million in the transformation of multi-purpose asphalt fields into synthetic turf. The project included a new synthetic multipurpose turf field, curb and pavement improvements along with newly added fencing, benches, a water fountain and plantings. The new synthetic turf hosts a greater range of games, including contact sports, and eliminates the use of lawn mowers and pesticides.

#### **GREEN STREETS**



Hill has managed over \$8 million in Green Streets construction since 2007. The Green Streets program focuses on transforming baron, dangerous traffic islands and roadsides into lush parkland that beautify roadways and add safe areas for pedestrians. Hill has managed Green Streets construction in all five boroughs and worked closely with City Agencies such as the Department of Transportation (DOT). Recent project sites include Grand Central Parkway, Eastern Parkway, Kings Highway and Harlem River Drive.

# **DELURY SQUARE**



John DeLury Square is an important component of Mayor Bloomberg's Fulton Corridor Initiative focusing on the creation and refurbishment of several parks within the corridor. This existing park was demolished and expanded at the corner of Fulton and Gold Streets to create an attractive focal point between the World Trade Center and South Street Seaport sites. The new 8,850 SF park now included a fountain and pool, lush plantings, granite stone outcroppings and stone

benches, pathways, park lighting, steel fence, lawn area and game tables. Hill provided construction management services for the \$2.3 million project.



#### TITANIC PARK



Titanic Park is a small existing park that lies at the pedestrian entrance to Lower Manhattan's bustling South Street Seaport. The park features a lighthouse that was constructed in 1913 in remembrance of those lost on the Titanic. The surrounding area underwent a complete reconstruction. This work includes new water feature, light poles, abundant low and mid-level plantings, newly paved bluestone pathways and granite curbing. Hill provided construction management services for the \$1 million project.

#### SCHOOLYARDS TO PLAYGROUNDS



Through the new Schoolyards to Playgrounds division, Hill has been awarded multiple consultant supervision contracts totaling over \$9 million in construction installation costs. The renovation, beautification and improvements to these schoolyards will enhance their accessibility and allow them to be actively used by the surrounding community during after-school and weekend hours. These playground improvements include tree and shrub bed plantings, seating areas consisting of traditional and custom benches, custom metal shade structures, game tables, color seal

interpretive graphics, new athletic courts, synthetic turfs, new play equipment, spray features and accessible drinking fountains.

#### ROCKAWAY BEACH PARKS



The Rockaway regional park project area includes park property that was never fully developed. The PlaNYC initiative presents the opportunity to make the most of the beachfront setting to provide much needed park facilities for the rapidly growing residential community. The redeveloped park achieved sustainability benefits including storm water collection, urban heat island reduction and permeable surfaces. Improvements made on existing facilities included playgrounds,

sports courts and passive recreation space. In the East Park, a large parking lot was transformed into a rolling lawn for passive recreation and viewing events at a new performance venue. In the West Park, the site consists of a new comfort station, water play area and synthetic turf field. Natural habitats and coastal dunes will be protected and enhanced. The project included extensive tree plantings to provide shaded park areas. Hill provided construction management services for the \$23.8 million project.



## REFORESTATION

Hill manages over \$8 million in reforestation planting for DPR. Scope of project includes planting thousands of new balled and bur-lapped and container trees in and around parks and playgrounds in all five boroughs as part of the restoration initiative of PlaNYC.

#### TREES AND SIDEWALKS PROGRAM

The goal of the Trees & Sidewalks Program is to help homeowners repair sidewalks damaged by curbside trees while minimizing the impact of the sidewalk repair to the tree throughout Queens, Staten Island, and the Bronx. Hill supervises and report on the construction process of sidewalks around mature city trees and implement the \$4 million Trees and Sidewalks contracts.





# ON-CALL CM/GEC SERVICES

Newark, NJ

Hill has provided on-call Construction Management/General Engineering Consultant (GEC) Services for new construction and renovation of existing rail facilities and rail systems, on a task order basis for NJ TRANSIT under multiple contracts since 1996. Hill's services are provided for a variety of projects, including new stations, intermodal facilities improvements, subway track extensions, new signals, systems integration and upgrades, and utilities.

As NJ TRANSIT's CM/GEC, Hill's services are provided on an on-call basis. The range of assignments included construction management, design and constructibility reviews, scheduling, cost estimating, construction administration, site inspection, shop drawing review, change order, and claims assistance. Representative assignments included:

- Perth Amboy Station Accessibility Improvements. Hill is performing
  construction management services for improvements to make the
  historic Perth Amboy Station compliant with American with Disabilities
  Act (ADA) requirements. The improvements include modifying the
  historic pedestrian bridge and constructing stairs, ramps, and four new
  elevators to access the new high-level platforms.
- Frank R Lautenberg Intermodal Facility Soil Improvement. Hill
  provided an on-site Resident Engineer to oversee and coordinate all
  construction activities for the soil improvement project. NJ TRANSIT'S
  proposed expansion of the Lautenberg Intermodal Facility required
  significant site improvements including storm drainage, backfilling, soil
  stabilization, erosion and sediment controls, fencing and gates. The soil
  stabilization element of the project required the filling of approximately
  2.13 acres by an average 14' depth of wetlands. The method of Dynamic

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Client NJ TRANSIT

Services Construction Management Estimating

Total Project Value \$260 Million

Completion Date Ongoing



Replacement was utilized to achieve replacing the peat layer with rock and fill materials followed by preloading and then the installation of drainage structures and paving. This entire operation was completed without incident while maintaining a very busy bus operations just feet away from the work site. The ground improvements were necessary for phase II which will involve installation of 14 new bus slips and associated 475-foot-long canopies, a new auxiliary island platform to accommodate 10 buses, a planted island, and space for a five bus staging area.

- Newark City Subway Broad Street Extension MOS-1. Hill provided project management services for the final design and construction of the 1 mile extension of the Newark City Subway. Project includes the construction of a new Tunnel, 5 new stations, new track, signals, communication, catenary, street lighting, traffic signals and the upgrade and integration into the existing systems, and light rail vehicles. Coordination with NJ TRANSIT Operations, multiple contractors, utilities and City of Newark are extensive. Hill responsibilities included design and constructability reviews, developing phasing plans, reviewing schedules, and interfacing with the Design Engineers and NJ TRANSIT Operating Departments for final design and operation of the system. Hill also provided technical assistance for change orders, conflict resolution, and interface with public utilities and outside agencies.
- Newark City Subway Track Rehabilitation. Hill provided construction management services
  including, contract and document administration, submittal reviews, field coordination, and
  construction inspection during reconstruction of crossovers and the addition of switch point
  guarding (i.e. housetops).
- Claims Avoidance Support Services for the Hudson Bergen Light Rail Transit System (HBLRTS).
   Hill provided staff to assist NJ TRANSIT in assessing potential construction claims for the HBLRT,
   a Design-Build-Operate-Maintain (DBOM) contract. Tasks include review of mandatory contract
   documents, project monitoring to identify potential impacts to project schedule and cost, analyze
   the potential impact and determine the potential cost and/or schedule impact to the project, and
   provide recommendations for resolution
- Newark City Subway (NCS) Signal Modernization. This project was the complete reconstruction
  of the existing signal system and the addition of a new 1 mile extension of the NCS. The existing
  signal system for the PCC's was retired and a new cab signal system equipped light rail vehicles
  was introduced. Hill provided construction management and inspection services to the project.
  Hill's responsibilities included contract and document administration, submittal reviews, schedule
  impact analysis, field coordination and construction inspection during reconstruction and start-up
  of the signal system in the Newark City subway.
- Newark City Subway (NCS) Overhead Contact System (OCS). Hill provided a full-time construction
  inspector with electrical engineering background and experience on overhead traction power contact
  system. Assignment was to inspect reconstruction of the overhead contact system on the Newark
  City Subway to provide power for the fleet of new light rail vehicles equipped with pantographs. Work
  was completed in a 2 week shutdown period. Estimated construction cost was \$5 million.
- Branchbrook Park Station. Hill provided a full-time Resident Engineer to manage the construction of the new Newark City Subway passenger station. Project included the station, plaza area bus lanes, lighting, signage the installation of special track work, and new overhead contact systems.



- Newark City Subway (NCS) Penn Station Traction Power Negative Return. Hill provided construction
  management services, including contract administration, field coordination, constructibility reviews,
  and inspection for the new NCS Penn Station disconnect switches and negative return system.
- Assessment of Potential Construction Claims (Southern New Jersey Light Rail Transit System (SNJLRTS). Hill provided staff to assist NJ TRANSIT in assessing potential construction claims for the Southern New Jersey Light Rail Transit System's (SNJLRTS) Design-Build-Operate-Maintain (DBOM) contract. Tasks initially included review of contract documents, project schedules, meeting minutes, third-party agreements, permits, other related documentation, and conduct of project staff interviews. This was followed by identification and analysis of potential claim entitlements, related to third-party coordination (e.g. environmental design and permitting issues), impacts of change orders, schedule delays, presentation of findings, and recommended courses of action.
- Bergen Tunnel Reconstruction. Hill provided an Assistant Resident Engineer and a Construction
  Inspector for support services during reconstruction of the 4,400 foot long north tube of the Bergen
  Tunnel. The existing tunnel, built of brick, stone, and rock was reconstructed to provide the following:
  - Demolish and remove existing liner and roadbed and reconstruct with new concrete and waterproof membrane liner
  - Replace typical rail, wooden ties and ballast roadbed with reinforced concrete direct fixation slab.
  - · New catenary hardware.
  - New drainage, lighting, ventilation, and communications systems.
  - New substations and full-length conduit banks for signal, electrical, and communications systems.
- Hackensack River Bridge Fender Repair. Hill provided field inspection services for the repair
  of the bridge fender system. Hill's responsibilities included processing all shop drawings,
  conducting progress meetings, monitoring the schedule, reviewing payment requests for approval,
  correspondence, and coordinating and inspecting the work while under construction.
- Newark Penn Station Modernization. This project was to upgrade the station roof, HVAC, and
  electrical systems. Hill provided construction and construction management services. Hill's
  responsibilities included processing all shop drawings, conducting progress meetings, monitoring
  the schedule, reviewing payment requests for approval, correspondence, arranging for all required
  track and electrical outages, as well as flag protection, and coordinating and inspecting the work
  while under construction.
- NJCL Woodbridge Train Station Rehabilitation. This project included the installation of a new
  elevator, new electric service, upgrading rest rooms for ADA compliance, constructing a new station
  entrance, and adding a platform tactile warning system. Hill's responsibilities included processing
  all shop drawings, conducting progress meetings, monitoring the schedule, reviewing payment
  requests for approval, correspondence, arranging for all required track and electrical outages, as
  well as flag protection, and coordinating and inspecting the work while under construction.



Rehabilitation of the NJCL Avenel Station. The existing station platforms, stairways, pedestrian
tunnel, station lighting, and communication were completely reconstructed. The project was a designbuild form of contract. During the design phase, Hill provided design and constructibility reviews
to bring the contract documents to a 100% design completion. During construction Hill provided
construction management and inspection services. Hill's responsibilities included processing all
shop drawings, conducting progress meetings, monitoring the schedule, reviewing payment requests
for approval, correspondence, arranging for all required track and electrical outages, as well as flag
protection, and coordinating and inspecting the work while under construction.











# LARGE REQUIREMENTS CONTRACT

Various Locations, NY

Since 1998, Hill has provided on-call construction management services to the New York City Department of Design and Construction (DOC) for large projects citywide in connection with the DDC's capital program. This three-year contract has been renewed three times, including multiple one-year extensions. Hill has managed more than 55 assignments for the DOC over the past two decades, including interior and exterior renovations, rehabilitations, and new construction. These projects encompass a wide range of projects from courthouses to cultural institutions and other high-profile projects throughout the five boroughs. Projects completed under this contract include:

#### Queens Theatre in the Park



Queens Theatre in the Park is housed in a highly aesthetic building that originally was constructed as the New York State pavilion at the 1964 World's Fair. Converted for use as a theatre in 1972, the building includes a highly acclaimed 464-seat main stage theatre and 99-seat studio theatre. Hill

managed both the exterior and interior renovations and was involved in all major project phases-from preconstruction to construction, to owner acceptance and close-out.

#### Bronx Zoo Lion House



Hill provided CM services for the \$60 million reconstruction of the historic Lion House at the Bronx Zoo. The 1970s facility required major infrastructure improvements before it could be safely opened to the public. The reconstruction of the 18,000-SF building

involved significant structural, roof, and fa9ade work, including preservation of much of the historic character of the building and terra cotta lion figures.

#### Firm

Hill International, Inc.

#### Client

New York City Department of Design and Construction

#### Services

Construction Management

# Total Project Value

\$75 Million (total of three consecutive contracts not-to-exceed capacity)

Completion Date Ongoing



#### Ronald M. Donaldson Center Shower Reconstruction, Rikers Island

Hill provided construction and project management services for a six-phase, \$5.5 million shower renovation project including selective demolition of 36 shower rooms. Hill served as liaison between contractors, Department of Design and Construction (DOC), and the Department of Corrections (DOC) to provide daily on-site inspections and conducted job walks with DOC inspectors.

#### Queens Library and Children's Discovery Center



Jamaica Central Library Children's Library Discovery Center and Central Library renovation is the construction of a new library wing of roughly 24,000 SF to house a new Children's Library Discovery Center (CLDC) and staff areas, as well as the construction of a new central mechanical plant of roughly 1,800 SF. Once the Children's Reading Room has been relocated to the new building, the existing public areas adjacent to the new building will also be renovated.

#### Kingsbridge Library



Hill provided CM services for the new \$8 million, 12,625 SF Kingsbridge Library, a division of the New York City Public Library System. The new building on the northwest corner of Corlear Avenue and 231st Street, replaced the Library's former site, a 6,857 SF space across the street rented since 1959, alleviating overcrowded conditions in the current branch and providing enhanced public services.

Museum of the City of New York, Phase 2 and Phase 3



Hill has been involved in all phases of the project to repair, renovate, and expand this historic museum. Phase I covered an area of 56,000 SF and included complete renovation of the fourth floor, fifth floor, and attic and partial renovation of the cellar, ground floor, and first, second, and third floors. The final phase involved the renovation of the north wing of the building, including the first-, second-, and third-floor galleries, the auditorium, and other spaces, as well as associated MEP work.

#### North Infirmary Command (N.1.C), Rikers Island

The N.I.C. complex serves as one of the primary health care facilities for inmates on Rikers Island. Constructed approximately 80 years ago, it consists of two components: a six-story high rise main building (N.I.C) and an adjacent one-story Annex building constructed several years after the main building. The project consisted of the reconstruction of the inmates' shower/toilet rooms in both of these buildings to correct existing deficiencies and provide new fixtures, finishes, and facilities that comply with the current design standards of the Department of Corrections (DOC).

#### Weeksville Visitor's Center



A new 23,000 SF facility for the Weeksville Heritage Center in Brooklyn supports their goals of documenting and preserving the history of free African American communities in Brooklyn by providing a multipurpose room/black box theater, exhibition space, space for educational workshops, and a resource center/library, as well as support spaces.



#### Brooklyn Supreme Court Fire Alarm Upgrade



Hill is providing construction management services for fire alarm upgrades at Brooklyn Supreme Court. The project will replace the non-compliant system in the 700,000 SF building, which was originally built in 1955. Hill is also assisting DOC with the installation of a Building Management System for more efficient monitoring of the new fire alarm and improved control of the HVAC system.

#### Bronx Supreme Court Fire Alarm and Fire



Hill is providing construction management services for the inspection, supervision, management, coordination, and administration of the Bronx Supreme Court Fire Alarm (FA) and Fire Suppression Upgrade and Exterior Rehabilitation. The 14-story, 555,000 GSF building was built between 1931 and 1933 and was designated a New York City Landmark in 1996.





# ON-CALL LICENSED SITE REMEDIATION PROFESSIONAL SERVICES

New Jersey

SJPC has multiple sites which have environmental issues and require evaluation for regulatory compliance.

These sites include properties adjacent to SJPC facilities that are being remediated by third parties and have confirmed releases impacted SJPC property, properties currently owned by SJPC, and properties that SJPC is contemplating purchasing. GE reviews project documents on an as-needed basis and provides feedback to SJPC to support the decision-making process regarding the properties and proposed activities of third-party remediators.

#### Select Projects:

- Site is owned by SJPC and a former responsible party is completing remediation associated with chemical manufacturing. Œ work includes communications with prior operator LSRP, review of engineering controls, deed notice, forms, and engineering specifications prior to SJPC certification.
- Site is owned by SJPC and a tenant/operator is completing an ISRA
  Closure. Œ work includes review of historical documentation related
  to former site operations dating back to the early 1900s, prior ISRA
  closure documents, draft documents prepared by the current tenant/
  operator, evaluation of Remedial Action efficacy, communications with
  ISRA LSRP, and review of all forms prior to SJPC certification.
- Separate phase product and impacted ground water are present on SJPC owned property from an adjacent remediation project. GEI work includes a review of technical specifications for remediation on

Firm GEI Consultants

Client South Jersey Port Corporation (SJPC)

## **Key Elements**

- LSRP Services
- Emergency
   Response/On-Call
   Services



SJPC property, evaluation of potential impact to site tenants/operations and assistance with the technical aspects of access agreements/contracts with the remediating party.

 Due diligence and transactional support for potential acquisition of a former property used for industrial activities since the 1800s. Work includes evaluation of all available historical documents, assessment of current regulatory status of open remediation cases, communications with associated LSRPs, identification of potential risks and associated costs.







# ON-CALL LICENSED SITE REMEDIATION PROFESSIONAL SERVICES

New Jersey

GE Consultants Inc. (GEi) has responded with support staff and Licensed Site Remediation Professional (LSRP) services to JCP&L transformer spills that have discharged to surface soil and surface water from 2018 through the present.

GE directed spill cleanups, collected post-excavation soil samples to evaluate the effectiveness of the cleanups, and compared data to relevant residential, non-residential, and ecological standards.

Upon the client's request, an LSRP and/or other support staff quickly respond to JCP&I's service needs relating to emergency response spills. GEi's licensed professionals and support staff throughout New Jersey are available to respond to spills and other environmental issues in a diverse range of technical areas including the closure of polychlorinated bi pheny "PCB" spill cases, providing ISRA support services, complete UST closure services, and providing Linear Construction Project (LCP) support services.

Firm GE Consultants

# Client

Jersey Central Power & Light/First Energy Corp.

#### **Key Elements**

- LSRP Services
- Emergency
   Response/On-Call
   Services
- Soil, Surface Water, Sediment and Groundwater Contamination
- Transformer Releases from Weather Related Events
- Coordination with JCP&L Personnel and Approved Remediation Contractors
- Reporting







# **ENVIRONMENTAL PERMITTING SUPPORT SERVICES**

Allenhurst, NJ

GE is providing ongoing permitting and ecological assessment services to the client in support of their efforts to replace a series of wooden utility poles along a 2-mile segment (primarily comprised of rail siding) between two electrical substations.

The majority of the limit of disturbance parallels an active rail corridor operated by NJ TRANSIT. GEi's scope of services for this project includes completion of desktop and field verification activities to delineate wetlands in the project right-of-way and completion of National Resource Inventory (NRI), Water Resource Area (WRA) stream delineation, and raptor nest survey.

Deliverables completed to date as part of this project included a WRA Letter Report detailing the survey findings accompanied by a Map Book of the entire 2-mile right-of-way. Based on the survey findings, GE also compiled a permitting assessment to identify permitting requirements to implement the project beyond JCP&L's existing blanket permit for utility maintenance. At this time, GE is preparing the respective permit applications for those identified in the assessment.

Firm GE Consultants

Client
Jersey Central Power
& Light (JCP&L) / First
Energy Corporation

#### **Key Elements**

- · Land Use Permitting
- Wetlands Permitting
- Natural Resource Delineation
- GIS Map Book Preparation







# ENVIRONMENTAL AND ECOLOGICAL SERVICES AT FLEMINGTON FORMER MANUFACTURED GAS PLANT SITE

Flemington, NJ

GE was retained to conduct a supplemental Phase III RI program, a Phase IV Remedial Investigation (RI), and a Baseline Ecological Evaluation to address environmental conditions at this 7-acre former Manufactured Gas Plant (MGP) site. GE provided ecological services to complete a Remedial Action for soil and sediment within an Ecologically Sensitive Natural Resource (ENSR).

GEI performed the Phase III RI program in order to verify the existence and/ or delineate the extent of soils containing MGP residuals in the original MGP area, the later MGP area, and the wooded area south of the later MGP area; further evaluate the groundwater flow in the fractured bedrock aquifer beneath the site; assess the presence of dense, nonaqueous phase liquid (DNAPL) on-site; and develop a better understanding of potential migration pathways.

The Phase N RI was designed as a component of the larger, phased investigation program for the site. The purpose of the Phase N RI was to gather sufficient information to complete vertical and lateral delineation of MGP-related impacts in surface soils, subsurface soils, and groundwater at the site. GEI developed the RI scope to supplement previous investigation findings documented in the 1998 Phase III RI Addendum Report and to incorporate comments provided by NJDEP. The results of our RI were used to evaluate the best remediation techniques to control contamination at the site.

GEI submitted a Phase IV Remedial Investigation Report and a Supplemental Phase IV Remedial Investigation Work Plan to further investigate surface and shallow subsurface soils, groundwater, surface Firm Œ Consultants

#### Client Elizabethtown Gas

## Key Elements

- Remedial Investigation
- Soil and Groundwater Sampling
- Surface Water and Sediment Sampling
- Coal Tar DNAPL in Bedrock
- Bedrock Fracture
   Packer Testing
- Hydrogeologic Evaluation
- Ecological Evaluation
- Ecological Risk Assessment
- NUDEP Division of Land Use



water, and sediment and to complete a baseline Ecological Evaluation (EE) to assess the potential for ecological effects due to the presence of on-site contaminants and identified migratory pathways. The EE concluded that an Ecological Risk Assessment was required to evaluate potential risks to ecological receptors and to establish preliminary remediation goals.

The Division of Land Use Regulation, Freshwater Wetlands, Hazardous Site Investigation and Cleanup (General Permit 4 [GP-4]) and Individual Flood Hazard Area (FHA) Permits were required to conduct soil and sediment removal within the stream, wetlands, and wetland buffer soils. Sensitive habitat and trout maintenance restricted the permissible work interval to a four-month window between November and March. Wetland mitigation design was required for permit approval, mitigation, and restoration field oversight.

- Regulation, Freshwater Wetlands,
- GP-4/Individual Flood Hazard Area
- Permitting
- Wetland Mitigation and Restoration
- Design
- Mitigation and Restoration Field
- Oversight
- Bioengineered
   Streambank
- Stabilization







## **ERIE STREET MGP REMEDIAL INVESTIGATION & DESIGN**

Elizabeth, NJ

GE has performed a series of Remedial Investigations, Interim Remedial Measures, and Remedial Actions at the 24-acre Erie Street former manufactured gas plant (MGP) site and its adjacent offsite properties located in Elizabeth, New Jersey. These efforts commenced in 1999 and continue to the present day.

As of March 2023, GE has remediated approximately 18 acres of the 24-acre site footprint. The remediated areas include six former gas holders and the main area of former MGP operations. The remediation work consisted of demolition of derelict structures, excavation and offsite disposal of more than 300,000 tons of contaminated soil, and in-situ solidification of more than 100,000 cubic yards of contaminated soil. GE expects that remediation of the remaining 6 acres of the site will require installation of approximately 2,400 linear feet of subsurface barrier wall for containment of some inaccessible impacts.

During the entire period of investigation and remediation, the Erie Street site was an active liquefied natural gas (LNG) storage and distribution facility with high-pressure natural gas transmission pipelines, high-voltage overhead transmission lines, and other critical infrastructure. GE safely performed the remedial investigation and pre-design investigation work around this infrastructure, and designed the remedies to be implemented in a phased approach around the operating LNG facility. GE expedited the design and implementation of several phases of remediation to achieve mission-critical schedule milestones to allow the owner to implement a series of major capital improvements to the facility, including relocation of the control room building, installation of an LNG liquefaction system, and replacement of the LNG vaporization system. The final phase of on-site remediation is planned to begin in late 2023.

Firm Œ Consultants

Client Elizabethtown Gas

#### **Key Elements**

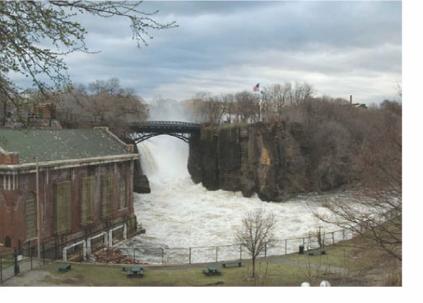
- Federal, State, County
   & Local Permitting
- Ecological Evaluation
- Non-Domestic
   Wastewater
- Discharge Permit to POTW
- Aquifer testing
- Remedial Investigation Work
   Plan
- Remedial Design
- Groundwater Monitoring
- Sediment and Soil Sampling



As part of the Remedial Investigation, GEI also conducted an extensive ecological risk assessment (ERA) which evaluated aquatic toxicity to fauna from potential sediment and surface water impacts. The ERA included receptor ingestion modeling, benthic invertebrate toxicity studies and polycyclic aromatic hydrocarbon biological availability determinations.

GEI executed the submittal of numerous permits that contributed to the success of the project including: NJDEP Coastal Zone GP-11 permits, FWW GP12 permits, FHA Individual permits, SESC, Municipal Utility Authority Discharge Permits, USACE 408 Requests, USACE Drilling Program Plans.





## BROWNFIELD SITE INVESTIGATION AND REMEDIATION SERVICES

Paterson, NJ

Established in the late 1970s, the Paterson Great Falls Historic District is an approximately 30-acre tract surrounding the Paterson Great Falls National Park intended to support and enhance redevelopment and use of this area of Paterson. GE is working with the city's redevelopment and historic commissions to ensure that remedial activities are protective of human health and the environment, consistent with the goals of the National Park Service (NPS), and to minimize impacts associated with the future development, use, and enjoyment of the property.

In 2015 The City of Paterson retained GE to provide environmental and Licensed Site Remediation Professional (LSRP) related services for city-owned properties within and adjacent to the Historic District and National Park. GE currently is investigating and working on six properties that, once remediated will either be made available for development or be transferred to NPS. These include:

## ALLIED TEXTILE PRINTING (ATP) SITE

The former Allied Textile Printing or ATP site, now covered with Historic Fill and remains of buildings from former manufacturing operations. A portion of this property is intended for redevelopment as the "Quarry Lawn" for community and recreational events through the joint efforts and funding from the US National Park Service, NJ Department of Environmental Protection, NJ Green Acres, and the city of Paterson. GE has identified soil impacts associated with organic solvents, metals, and polychlorinated biphenyls (PCBs) and is finalizing plans for capping and "hot spot" excavation.

## Firm

**GEi Consultants** 

#### Client

Great Falls National Park Historic District. Paterson, New Jersey

#### **Key Elements**

- Brownfield
   Redevelopment
- Environmental Site Investigations
- · Remedial Action



GEI's proposal to abandon and/or remove eight Underground Storage Tanks (USTs) at the ATP site has been approved by the city of Paterson, and a grant from the NJ Department of Environmental Protection to partially fund this work has been secured. UST closure activities will be performed in accordance with the American Petroleum Institute Recommend Practice 1604, "Closure of Underground Petroleum Storage Tanks" and applicable NJDEP regulations and guidance documents. As part of this work, GEI will screen soil for evidence of a discharge and collect soil samples from beneath the USTs and associated product piping. For USTs that will be abandoned in place, holes will be cut into the bottom of the tanks to facilitate sample collection. The UST Closure and soil sampling work will be performed under the direction of one of GEI's LSRPs.

#### MCBRIDGE AVENUE EXTENSION PARKING LOTS

The former Parking Lot Sites, owned by the city of Paterson, adjoining the ATP site along McBride Avenue near the entrance to the Great Falls National Historic Park has been investigated and has been issued final no restriction remediation documents for redevelopment. The site is scheduled to be redeveloped into much needed parking and access to the Historic District of Paterson.

#### DAIRY QUEEN SITE

GEI has completed the remedial investigation for the former Dairy Queen site, owned by the state of New Jersey, and developed the remedial action plan. Slated for redevelopment as a parking and picnic/scenic area overlooking the Great Falls, the former Dairy Queen site contains residues of petroleum products and mercury that will be excavated and disposed of off-site resulting in an unrestricted use remedy for this parcel one remediation will be completed by the State of New Jersey.

#### ADDY MILL SITE

The former Addy Mill property, where heavy manufacturing took place for over 150 years and where the raceways – narrow channel power canals – diverted water from the Passaic River for use in operating machinery. GEI is evaluating the status of the now sealed raceways as well as underlying soil and ground water quality to determine the most cost effective and timely remedial alternatives for this parcel.







#### PENNS GROVE FORMER MPG SITE

Penns Grove, NJ

Releases from the former Penns Grove MGP located in Penns Grove, New Jersey had migrated off-site underneath the active Penns Grove secondary railroad right-of-way.

Remedial Investigation of the former MGP consisted of soil and groundwater sampling within the right-of-way to determine extent of impact. GE is working with our client and the rail operator to develop a Remedial Action Plan to address the presence of MGP residuals (coal tar) within the rail line right-of-way. Work is being conducted under the supervision of a New Jersey LSRP and in strict adherence to the railroad's safety protocol with on-site representatives from the railroad present during all work activities. Additionally, GE staff had managed an earlier phase of remediation consisting of the excavation of 20,000 tons of MGP impacted (coal tar) soil adjacent to the railroad right-ofway.

#### Firm Œ Consultants

#### Client South Jersey Gas

#### **Key Elements**

- Soil & Groundwater Investigations
- Remedial Investigation & Feasibility Studies
- Field Sampling/Lab Analysis
- Cost Estimating for Environmental Management Remediation & Investigation
- Implementation of Environmental Management Systems
- Data Management/ Analysis/Visualization







## SWEDESBORO FORMER MGP SITE

Swedesboro, NJ

Releases from the former Swedesboro MGP located in Swedesboro, New Jersey had migrated off-site underneath the active Pennsylvania Reading Seashore Line - Salem Branch railroad right-of-way.

As part of the Remedial Investigation of the former MGP, GE conducted soil investigation activities within the right-of-way to determine extent of impact. GE then designed and oversaw remedial activities consisting of the excavation of 1,200 tons of soils impacted with MGP residuals (coal tar) for off-site treatment and beneficial reuse. Working with our client and the rail operator, GE completed the Remedial Action with no interference to the freight operations.

As part of the scope of services, GE designed the earth support system required to protect the operational railway and conducted geotechnical and perimeter air monitoring as part of the project safety plan. In an earlier phase of remediation, GE had designed and oversaw the excavation of 46,000 tons of MGP impacted (coal tar) soil adjacent to the railroad right-of-way. Work has been conducted under the supervision of a New Jersey LSRP to result in the unrestricted reuse of the property.

#### **Key Elements**

- \* NPDES Permitting & Inspections
- Emergency Planning & Community Right to Know
- Wetlands Assessments & Permitting
- Preliminary/Phase I Assessments
- Soil & Groundwater

- Investigations
- Remedial Investigation & Feasibility Studies
- · Remedial Design & Construction
- Field Sampling/Lab Analysis
- Cost Estimating for Environmental Management Remediation & Investigation

Firm

GEi Consultants

#### Client

South Jersey Gas

- · Wastewater Treatment Systems
- Storm Sewer & Combined Sewer Investigations
- Implementation of Environmental Management Systems
- Asbestos & Lead Paint Surveys



## CONFIDENTIAL CLIENT

Parsippany, NJ

Hill is performing PM/CM services for the development of approximately 50 acres in a phased program. Our services have included full pre-construction services providing the developer with budget estimates, preliminary schedules, design reviews and bid/procurement management. During construction our team has a staff that is interfacing with the developer, architect/engineer and multiple trade contractors as Hill manages all aspects of the construction activities. The first phase of the development includes the dismantling of existing office structures, to make way for the construction of new multi-use residential/retail building structures. The development included excavation as well as extreme cut and fill earthwork to redevelop the sites elevations. Work scope included bringing in new utility feeds and connections such as water, sanitary and gas service to the new facilities, as well as drainage systems throughout the development. New access roadways will be developed by constructing new routes into the site and exit roadways to the adjacent arterial roadways. Development will include street lighting, as well as drainage structures, and systems.

As Program Manager, Hill has been coordinating all activities including the progress of designs, procurement, delivery of materials, and the overall supervision of construction. The development includes the management of multiple trade contractors. The phased program includes the dismantling of the existing structures, site work upgrades to bring in utility services from the local municipalities and the construction of the multi-use residential/retail structures. Once that phase is complete the next phase of the development will include the creation of recreation space, community pool and a green space border area. The planned final phase will be the construction of private townhomes beyond the green space border.

## Client

Confidential

#### Services

Project management/ Construction management

**Total Project Value** \$9.6 Million

**Completion Date** 2024





#### FACILITIES IMPROVEMENT PROGRAM

Various Locations, NJ

Hill provided program and construction management services for the New Jersey Turnpike Authority's five-year, \$530 million Facilities Improvement Program. The primary goal of the program was to bring NJTA maintenance facilities into a state of good repair. Many of the Authority's facilities date back 60 years, and various modifications and additions have reduced their efficiency. Additionally, several widening projects and changes to the Turnpike have increased the amount of roadway maintenance the facilities must support.

The Facilities Improvement Program replaced and rehabilitated maintenance buildings, storage facilities and salt facilities. Hill managed all phases of final design and construction and assisted the NJTA with the management, oversight, coordination and reporting of activities. A focus of our work was evaluating the Authority's processes and recommending improvements to the NJTA's facilities construction procedures. All operations had to be maintained during construction.

New structures were standardized to NJTA prototypes where possible and adapted to suit the individual needs of each maintenance district. The new prototype four-bay maintenance building was standardized into two- or three-bay layouts to accommodate varying maintenance needs and crew sizes. The new facilities were placed at each District to result in more efficient operations of the sites.

Security improvements included a video surveillance and access control system. The project incorporated sustainability guidelines based on LEED design principles. NJTA elected not to submit for LEED certification, but required the buildings to comply with the baseline certification level.

Firm
Hill International, Inc.

Client New Jersey Turnpike Authority

Services Program Management

Total Project Value \$530 Million

Completion Date



Site improvements for the maintenance district yards included new utility services, roadway and parking lighting; relocation of Intelligent Transportation System facilities; and drainage, grading, paving work, signing, striping, fuel island, office trailer with concrete pad and installation of a magnesium chloride (MgCl) de-icer system. Other building improvements included the demolition and construction of new multi-use buildings and storage buildings.

#### SALT SHEDS

A main component of NJTA's Facilities Improvement Program was the demolition of eight salt domes and the construction of 12 new 4,500-ton salt sheds statewide, including site and utility upgrades. Eight of the 12 salt sheds are part of a larger maintenance district yard improvements, which included site and utility upgrades and new maintenance and storage facilities. The salt shed construction required strict sequencing of work to construct the replacement salt shed, and associated site improvements and utilities, within a tight area while maintaining existing NJTA maintenance summer and winter operations.

The building design consists of a poured-in-place concrete foundation, a glue laminated wood portal frame system with structural wood decking and a concrete floor slab. The exterior wall system is fiberglass reinforced plastic siding over a sub-girt framing system, metal siding and steel brackets at overhangs. The roof systems include a steep sloped standing seam metal roof and a curved roof area at the vehicle canopy and portico entries to the shed. The mechanical systems are limited to provide ventilation air only; there are no provisions for heating or cooling. The electrical systems provide service for building interior and exterior lighting, site lighting, roll-up doors, convenience outlets, shed exhaust fans, trailers and magnesium chloride (MgCl) de-icer system.





### UNIFIED SCIENCE BUILDING EXPANSION AND NEW ACADEMIC CLASSROOM

Galloway, NJ

Hill provided Stockton University with construction management services to support a major expansion. This expansion created a new entrance and student learning facilities for the Galloway Campus. These contemporary buildings allow Stockton to support an increase in campus enrollment and prepare students for successful careers in science, technology, engineering, and mathematics (STEM). The academic "quad" expansion included a new main entrance featuring a gateway and center green, the Unified Science Center II and an academic classroom building. These projects were designed in accordance with Stockton University's Facilities Master Plan.

#### SCOPE OF WORK

Designed as an open, distinct ingress to a modern campus, the main entrance of the academic quad is comprised of a gateway feature and a center green facing Vera King Farris Drive. This entrance provides an inviting space for community gatherings during small events and offers space for outdoor studying. The gateway serves as a central drop off/pickup point, with access to the quad allowing free movement to other buildings through the center green. Features include landscape, hardscape, and walkways.

The new 56,000 SF Unified Science Center II was an expansion to the existing 64,000 SF Unified Science Center. The three-story, 56,000 SF building houses teaching and research labs for various science disciplines, classrooms, faculty offices, a cadaver lab, a vivarium, a multi-purpose room, and demonstration theater. This building is also be connected to the recently completed Unified Science Center I and was designed with LEED-equivalent principles.

The new, 36,000 SF academic classroom building includes space for the Health Science Department Sustainability Program, classrooms, faculty and

#### Firm

Hill International, Inc.

#### Client

Stockton University

#### Services

Construction Management Project Management Project Controls Owner's Representative

## Total Project Value

\$58 Million

# **Completion Date** 2017

#### Green Design

Built to LEED standards but no plans to certify



staff offices and collaboration areas with tables and chairs. Designed with LEED-equivalent principles, the work included landscape components, stormwater management, and utility infrastructure installment.

#### **SERVICES**

As Owner's Representative, Hill managed the entire program from conceptual design through bid and award of the contractor, field construction, and final closeout. Hill's services encompassed preconstruction administration, constructability and design review, project management, sustainable oversight, value engineering, and change order management. Hill's multidisciplinary team delivered project controls services using specialized software to manage scheduling and cost control and worked closely with campus officials and Stockton stakeholders, addressing any challenges to keep the project on-schedule and within budget. In addition, Hill provided full time staffing, managed safety, and confirmed quality measures were met throughout the project life cycle.





## RIVERSIDE COUNTY PARK IMPROVEMENTS

Bergen County, NJ

Li Ro is providing construction management services to the Bergen County Department of Parks and Recreation for the Capital Improvements projects at Riverside County Park South. Services include preconstruction, construction and closeout phase services for the following projects:

Boathouse Building/Rowing Center - LiRo provided construction management services for the \$7.4M Rowing Center/Boathouse, a new two story 14,285-sf multi-purpose boathouse building. It was designed as a venue for the advancement of rowing and paddle sports on an amateur, high school, and collegiate scale. It provides indoor storage of sculls and equipment on the first floor and on the second floor indoor training facilities, bathrooms and showers, locker rooms, and meeting space. It supplements the existing rowing center facility in place that consists of a one-story storage building at approximately 2,600-sf along with in-water improvements consisting of piers, gangways, and floating docks leading into the Passaic River.

Comfort Station/Stage & Maintenance Garage - The comfort station and stage will be a new 1,636-sf building integrating two park amenities into one building to serve as a focal gathering space for park users. It will incorporate a bathroom facility on one side of the building with a community performance area on the other. It will provide separate bathroom facility for men and women as well as a family bathroom that will be located in between the two gendered bathrooms. A small plaza in front of the comfort station will serve as a gathering spot in the park and will have walkways leading to other sections of the park. The stage will have a canopy roof and audience members will sit in a tiered grass amphitheater

Firm LiRo

Client

Bergen County Department of Parks and Recreation

Services Construction management

Total Project Value \$13 Million

Completion Date
Ongoing



with a variety of different seating types. The maintenance garage will be a new 1,091-sf building with three 10-foot wide vehicle bays and limited storage, lockable storage and a bathroom. (\$3.1 million)

Underground Utility Loop and Road - This project will include a new roadway layout connecting the two park entrances, parking lots, striping, signage, new upgraded utilities, storm water management design measures, grading, soil erosion and sediment control measures, new force main design, and sanitary sewer system report for the sewer connection application with the Passaic Valley Sewerage Commission. A main component of this project is an underground high voltage loop to existing park features, the multiple new buildings and yet to be developed features in the park. The new loop road will minimize the amount of trenching and provide better connections/coordination between the new buildings. (\$2.5 million)







## NEW SPORTS BUILDING AT PAPAIANNI PARK

Township of Edison, NJ

Li Ro is providing full structural engineering design services for the construction of a new multi-purpose sports building at Papaianni Park in Edison, New Jersey, adjacent to the Edison Jets football field.

The proposed building features a central steel-portal frame gymnasium structure with mixed-use spaces around the perimeter. The gymnasium space has a footprint of approximately 16,500 SF and a clear height of 36'-6" at the center. Li Ro will coordinate the design of the portal frame structure with a steel manufacturer to satisfy all building code requirements and provide full design of the concrete foundations. The mixed-use podium structure around the gym is 1 to 2 stories tall and will include offices, restrooms, storage, concessions, meeting rooms, a viewing lounge, and an occupiable roof terrace for watching games at the adjacent football field. The structure for the podium will be fully designed and detailed by Li Ro and multiple framing systems are being considered for cost comparison, including structural steel, load bearing masonry, composite slab on metal deck and precast plank.

The building will include several architectural features including a shade canopy over the main entrance, exterior stairs, and an ornamental metal trellis fa9ade. LiRo will provide structural consultation for each of these features. Full design services including design development, bid documents, permitting, and construction administration will be provided.

Firm LiRo

Client Township of Edison

Services Structural engineering design

Total Project Value \$5 Million

Completion Date Ongoing





## DASNY CONSTRUCTION MANAGEMENT TERM CONTRACT

New York, NY

Under three consecutive term contracts, LiRo has been providing construction management services to the Dormitory Authority of the State of New York on a variety of projects for various public agency clients including the City University of New York (CUNY), State University of New York (SUNY), Housing Trust Fund Corporation (HTFC), NYS Office of Parks Recreation and Historical Preservation, New York City Housing Authority (NYCHA), and other DASNY clients. Some of the projects under these contracts have included the following:

#### NEW YORK RISING HOUSING RECOVERY PROGRAM

Working with the NYS Homes and Community Renewal (HCR) under a contract with DASNY on this CDBG-DR funded Sandy housing recovery program, LiRo coordinated the efforts of more than a dozen firms and over 500 professionals to complete 4,984 inspections in 30 days - in time for HCR to issue award letters to registered homeowners by the first Sandy anniversary. This program has been innovative and allowed more than \$304M in checks to be issued to more than 6,807 applicants thru March 2014. Our work continues with the implementation of the next phases of the program to allow HCR to help homeowners get back into their homes and maximize reimbursement from HUD CDBG funds. These tasks include ongoing development of data management/IT systems, policies and procedures, and an added environmental program.

#### GOSR GREEN INFRASTRUCTURE

LiRo is providing construction management services on this project that consists of the installation of 138 Right of Way Bioswales (ROWBs) and on-site Rain Gardens located on NYCDOE Property. This project is being

Firm LiRo

Client
Dormitory Authority of the State of New York

Services Construction management

Total Project Value \$150 Million+

Completion Date Ongoing



constructed in collaboration with DASNY, DEP and GOSR. (\$6M)

#### MINNEWASKA STATE PARK INFRASTRUCTURE, VISITOR'S CENTER, AND PARKING LOT IMPROVEMENTS



LiRo provided construction management services on this infrastructure/storm drainage and parking lot restoration project. The new construction needed to be phased to accommodate the millions of hikers who parked their cars at the top of the mountain to further explore the trails. At the end of each workday, work areas were fenced in to protect pedestrians. The scope of work for this project included: selective demolition; cast-in-place concrete for stair system foundations; stone masonry for stacked boulder walls,

accent boulders, and stair system treads; metal railings for stair systems; exterior signage for regulatory and wayfinding signs; facility sanitary sewers for septic tank, pump structure, sanitary sewer, sanitary force main; electrical service; underground conduit system; exterior lighting; automated access gates; site clearing and disposal; earth moving; rock removal; asphalt paving for access roads and parking areas; maintenance and protection of traffic; stone curbs for parking area bump-outs; trees, plants, groundcovers, and site restoration; planting soils for plant beds and turf areas; and storm utility drainage piping and storm drainage structures. (\$27M)

#### NYCHA SECURITY ENHANCEMENTS AND EXTERIOR SITE LIGHTING PROGRAM

Li Ro managed a total of 36 projects and coordinated multiple JOCs contractors on this project that included the installation of security enhancement systems and exterior site lighting upgrades at various NYC HA housing developments. The Security Enhancement project's scope of work included the installation of closed circuit television, layered access Control and/or building entrance/exit door Improvements. The scope of Exterior Site Lighting work included the replacement of existing high/low pressure sodium vapor light fixtures with new energy efficient LED light fixtures. Identifying and understanding the desired scope of work was an integral component to ensuring the successful completion of these projects. Conducting Stakeholders meetings and joint scope meetings allowed us to capture and clearly define the detailed scope of work in the JOC proposal through the E-Gordian System. The construction of these projects were performed in an occupied environment where Pedestrians and Residents move around freely. As such, protection of the public and property is of high priority. (\$12M)

## NYCHA QUALITY OF LIFE PROGRAM

Li Ro provided construction management services on this project that consisted of the renovation of xisting playgrounds, basketball courts, and interior renovation of Community/Senior/Youth Centers located at 15 NYCHA properties. These projects were completed under DASNY's Job Order Contracting program. The playground and basketball court scope of work includes the replacement of existing playground equipment, benches, safety matting and water features. The renovation of existing basketball courts includes the installation of new basketball pole, foundation, backboard and rim, repaving of the asphalt and painting. The interior renovation scope includes environmental abatement (lead, asbestos and PCBs), installation of new VCT flooring, painting, foldable partition walls, stage



curtain and wood flooring, replacement of fluorescent light fixtures to LED, renovation of the existing kitchen and bathrooms. (\$10M)

#### BOROUGH OF MANHATTAN COMMUNITY COLLEGE



LiRo is providing construction management services for multifaceted projects at the Borough of Manhattan Community College, under a CM Term Contract with the Dormitory Authority of the State of New York (DASNY). The scope of the work involves general construction, mechanical, electrical, and plumbing upgrades, and asbestos abatement. The breakdown of each project follows:

- Emergency Generator Replacement (\$8M)
- Plaza and Roof Restoration (\$9M)
- Electrical Feeder Replacement (\$1.2M)
- Gym AHU Replacement and Asbestos Abatement (\$2M)

#### CUNY JOHN JAY COLLEGE, HAAREN HALL RENOVATIONS



LiRo is providing construction management services during the preconstruction, construction and post construction phases for the HVAC Upgrades and Interior Renovation Project at John Jay College Haaren Hall. The project scope includes HVAC upgrades, new chilled water risers and branch lines, and removal of existing cooling tower and steel dunnage located on the roof. Renovations will take place on each floor, at various locations. (\$22M)

#### SUNY COLLEGE AT GENSEO RED JACKET DINING HALL RENOVATIONS



The Red Jacket Dining Complex underwent a major renovation to transform the existing building into a new student dining experience combining food service and student interaction. The newly renovated building features Red Jacket, the payone- price dining hall located on the lower level, as well as Jack's, a retail style restaurant located on the upper level. Red Jacket food stations include Twisted Fork (chef-driven creative cuisine), American Grill (traditional

favorites), Roots (plant-based offerings that accommodate vegan and vegetarian driven diets), Clean Eats (serving food free of the top 8 food allergens), soup, salad, dessert stations and more. The various stations are laid out to allow performance preparation where diners can see their meals prepared. Back of the house provisions include food receiving and prep, bulk storage and freezers, and dishwashing. (\$7M)



#### NIAGARA FALLS STATE PARK IMPROVEMENTS



LiRo provided construction management services for the renovation work at all major vistas within Niagara Falls State Park and restore the Olmsted Vision from 1887. The work took place in phas s to permit continual visitor access, in excess of 1CM annually, to the falls and surrounding attractions. The work included, but was not limited to: landscape restoration, new drainage, new railings, benches, light fixtures, walkway surfaces of granite and asphalt. New small and large structures were also included in this scope

such as a Visitor's Pavilion, Comfort Stations, Police Station Headquarters and Various Trolley/Bus Shelters. The Landscape Improvement Plan was launched to revitalize the Niagara Falls State Park and to ensure that the park's public use facilities match the grandeur of the Niagara River, Falls and Gorge. In total, 25 various projects were completed throughout the Park. (\$75M)

#### SUNY UNIVERSITY AT BUFFALO GOVERNORS HALL COMPLEX RENOVATIONS

LiRo provided CM Services to SUNY University at Buffalo for oversight of renovations at the Governors Hall Complex, a two-person per room dorm-style housing complex that houses nearly 800 students. Renovation work included asbestos abatement, bathroom gut and rehabilitation and exhaust and makeup air/HVAC upgrades.

## SUNY COLLEGE AT BROCKPORT, RESIDENCE HALL IMPROVEMENTS

Li Ro provided CM Services for the eight distinct renovation projects across the campus' residence halls. Projects ranged from HVAC and bathroom upgrades to various site improvements. Projects included:

- · Mortimer Hall Residence Hall, Bathroom Renovations
- · Bramely Hall Exterior Renovation
- Perry Hall Exterior Renovation
- McLean Hall Bathroom, Mechanical Upgrades
- · Macvicar Hall Sitework Improvements
- Student Townhomes Community Center Buildings 1 thru 8 Renovations

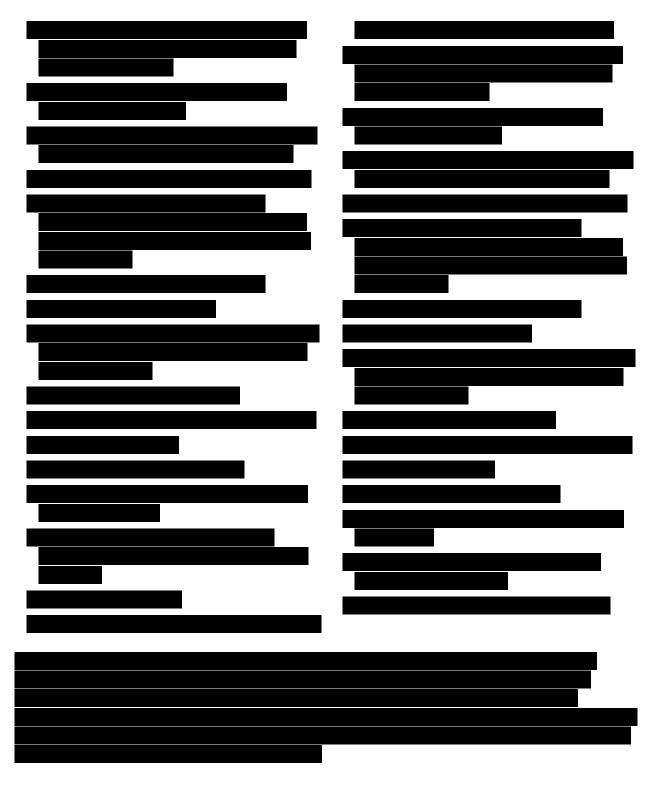




# SECTION 3 PROJECT APPROACH/MANAGEMENT PLAN FOR POTENTIAL PROJECTS

# PROJECT APPROACH/MANAGEMENT PLAN FOR POTENTIAL PROJECTS

Successful construction of projects assigned under this IDIQ contract will be delivered in compliance with all requirements, including the environmental impact statement (EIS), construction budgets, and schedules.	Feasibility and Design Phase
BID AND AWARD PHASE, AND CONSTRUCTION PHASE	



## **PROJECT MANAGEMENT PLANS**







## **TECHNICAL APPROACH**







## FEASIBILITY AND DESIGN REVIEW



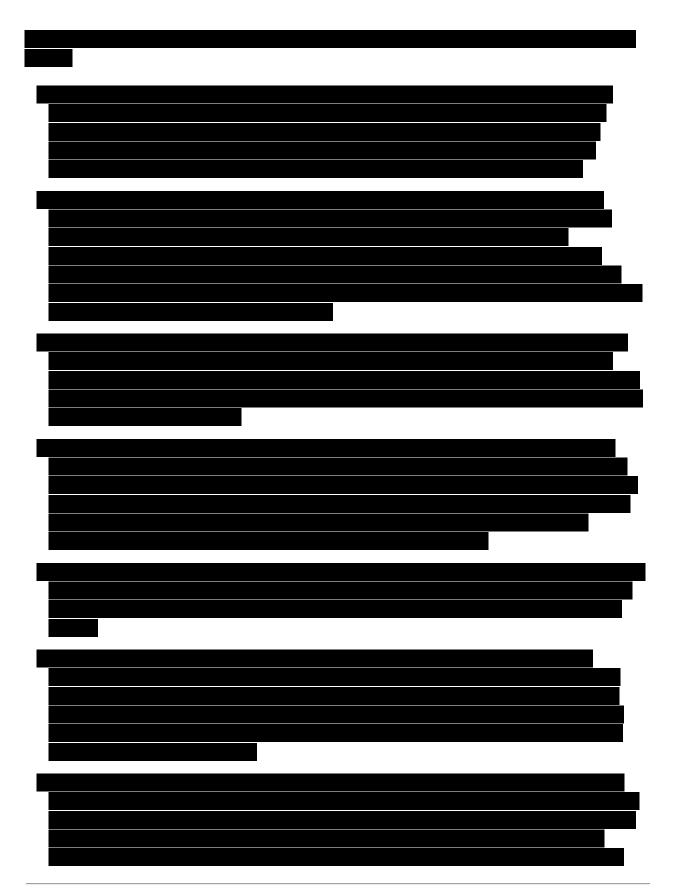




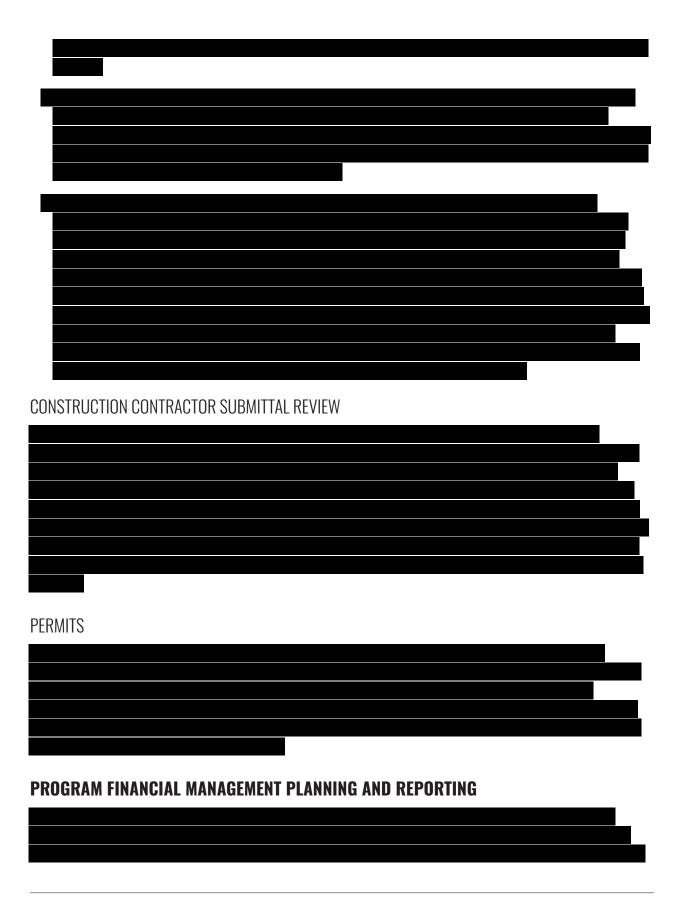








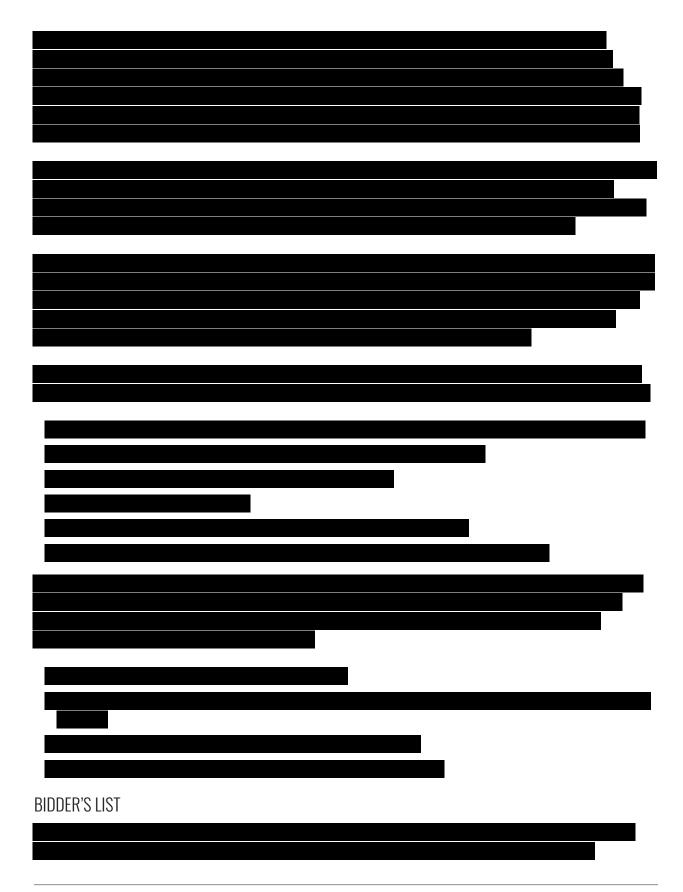






VALUE MANAGEMENT
VALUE MANAGEMENT
BID AND AWARD PHASE SERVICES AND REQUIREMENTS
PROJECT LEADERSHIP THROUGH PRECONSTRUCTION INTO CONSTRUCTION







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RE-BID CONFERENCE	
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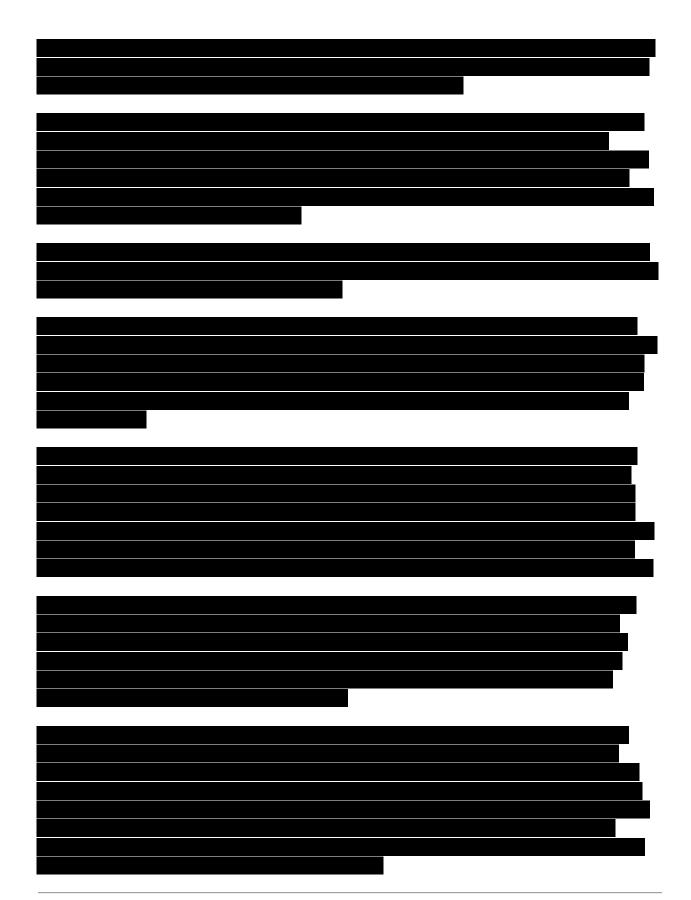


INFORMATION TO BIDDERS
BID OPENING AND EVALUATION
PRE-AWARD MEETING
SCHEDULE AND BUDGET ADJUSTMENTS
NOTICE TO PROCEED (NTP)



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# PRE-CONSTRUCTION CONFERENCE RECORD KEEPING AND DOCUMENTATION

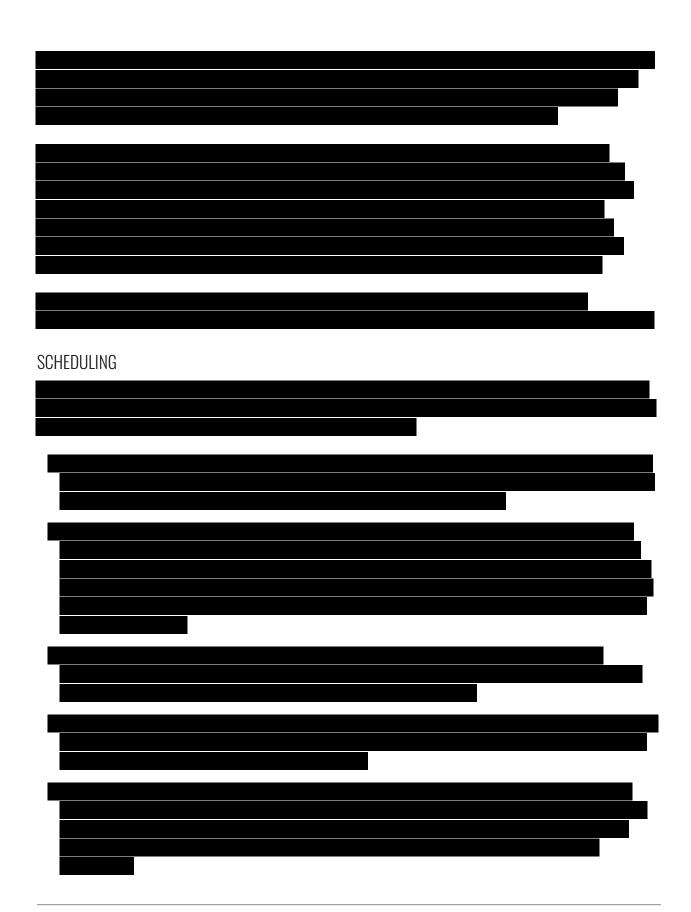


PROGRESS REPORTING	
BUDGET CONTROL AND COST ACCOUNTING/AUDITIN	IG

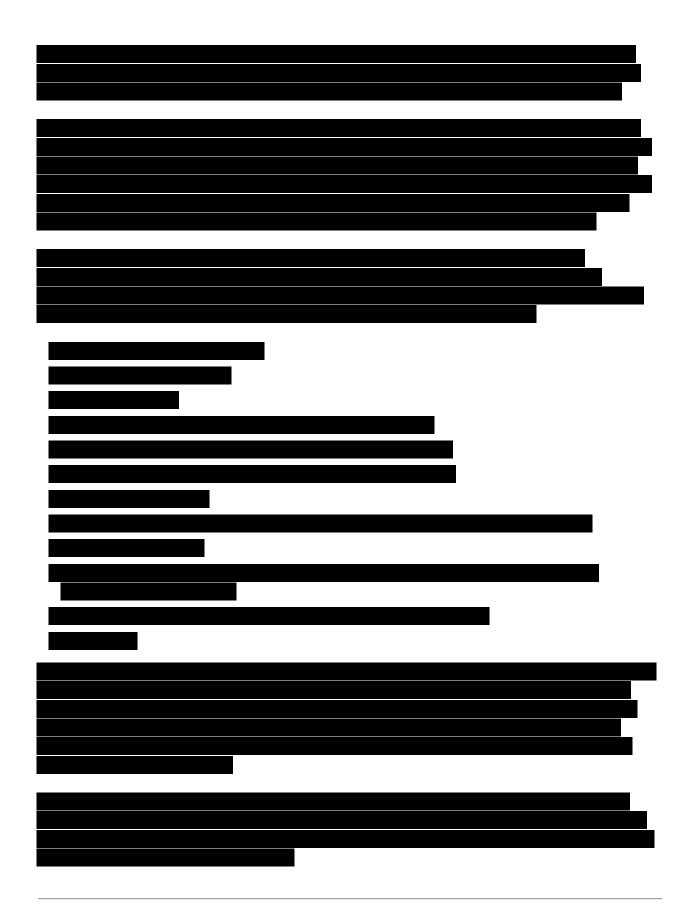








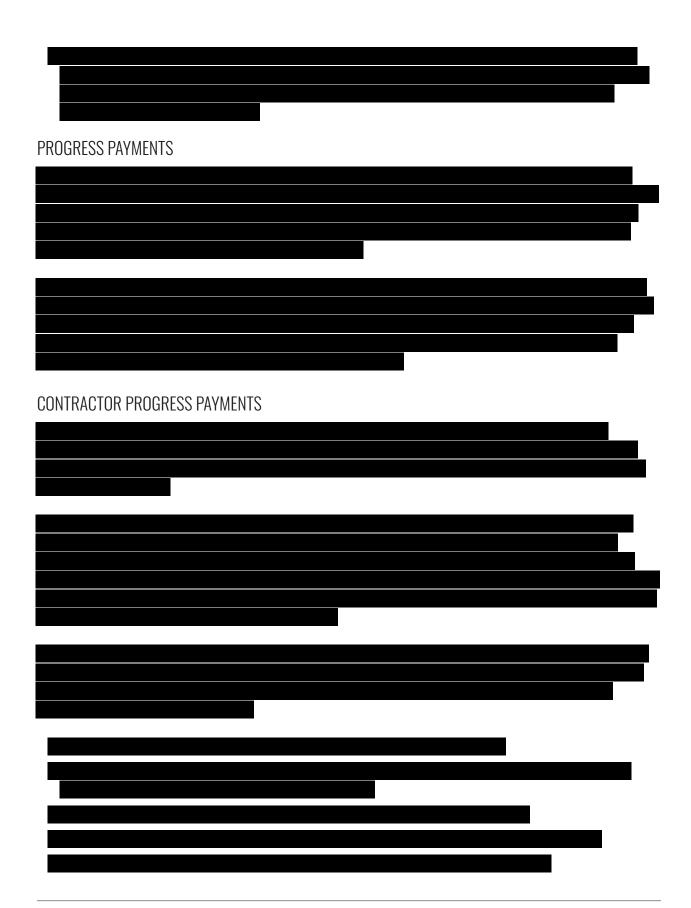




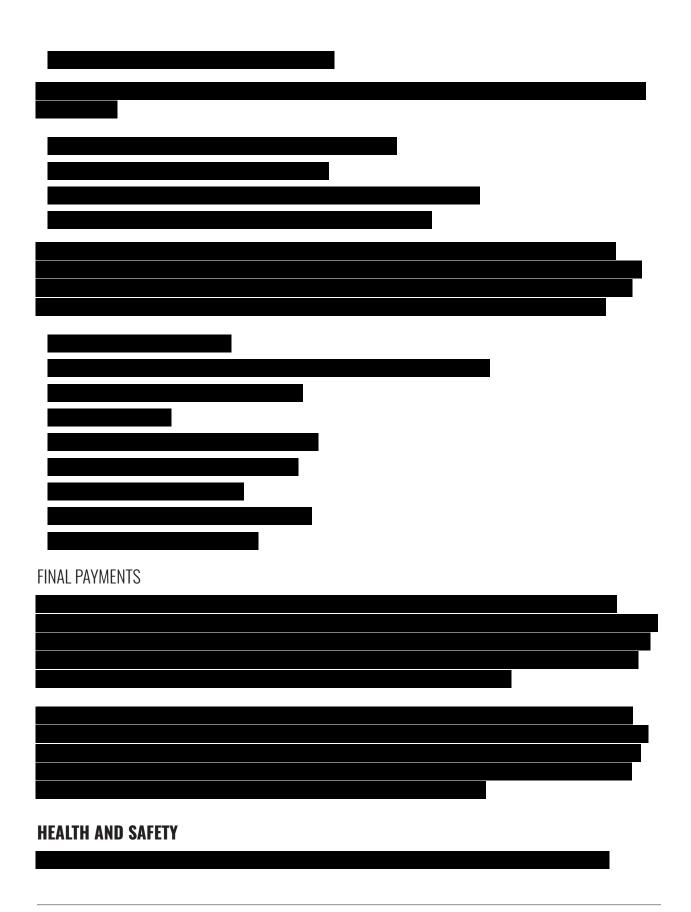


SHOP DRAWINGS	
TURNOVER SCHEDULE	
SHOP DRAWINGS AND SUBMITTALS	
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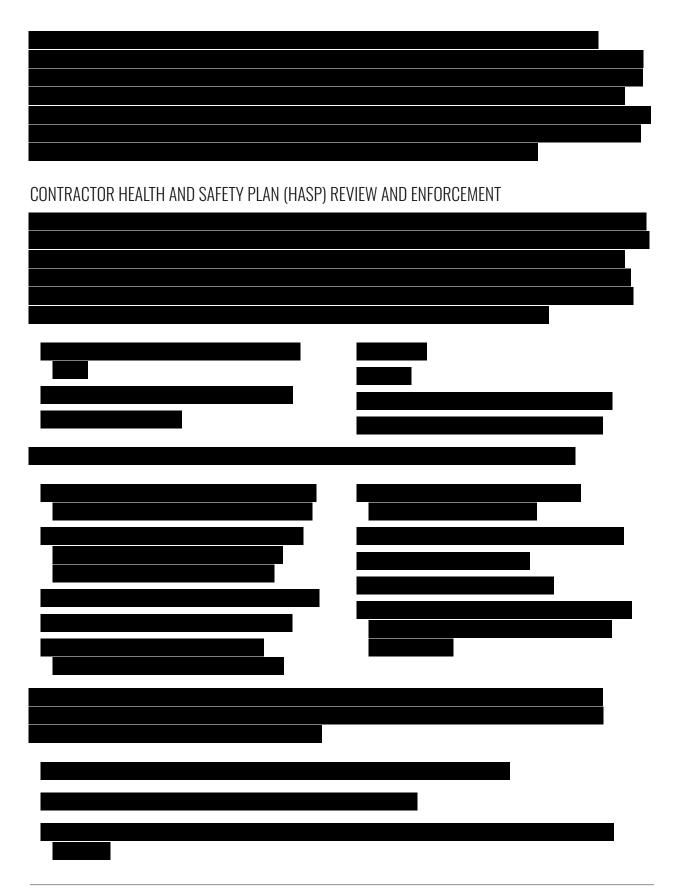












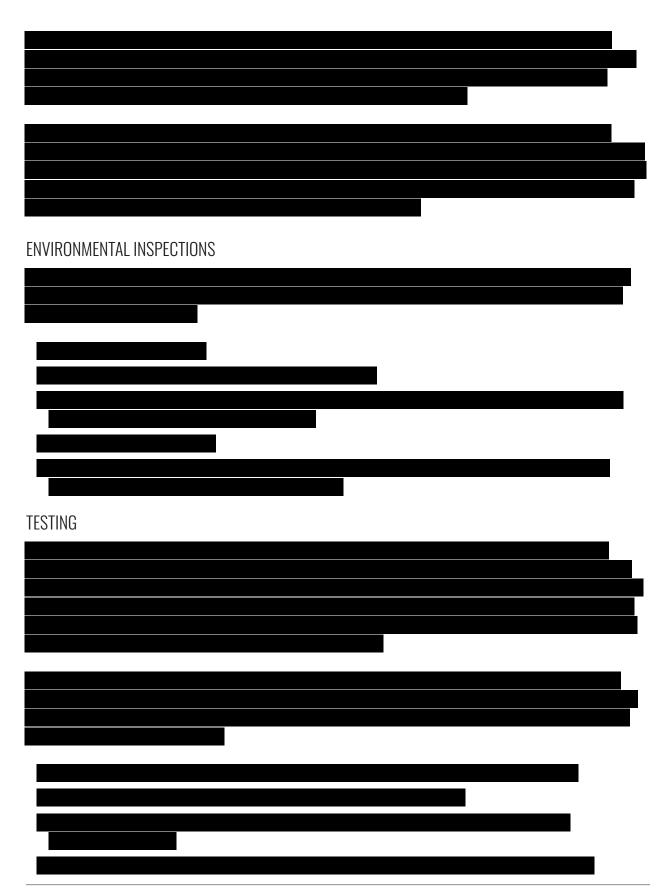


## DEVELOPMENT AND IMPLEMENTATION OF CM TEAM HASP SAFETY MANAGER



WASTE CHARACTERIZATION, TRANSPORTATION, AND DISPOSAL THE	
	MAINTAINING DUST, LEACHING/EROSION, AND DE-WATERING OF LIQUID WASTES
INSPECTIONS	WASTE CHARACTERIZATION, TRANSPORTATION, AND DISPOSAL THE
INSPECTIONS	
	INSPECTIONS







INFORMATION REQUESTS	
CONTRACT MODIFICATIONS	
CLAIMS ANALYSIS AND MANAGEMENT	

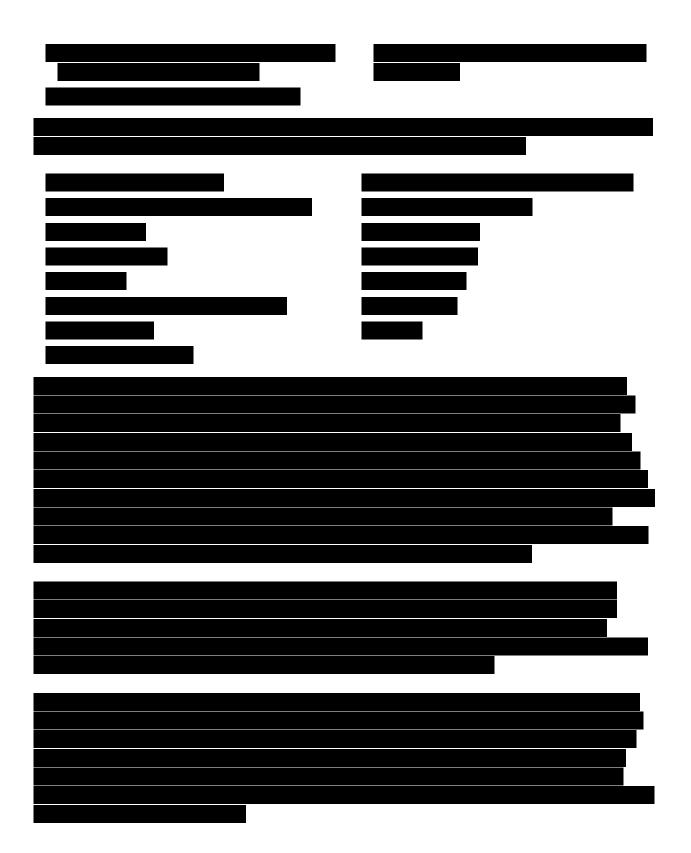












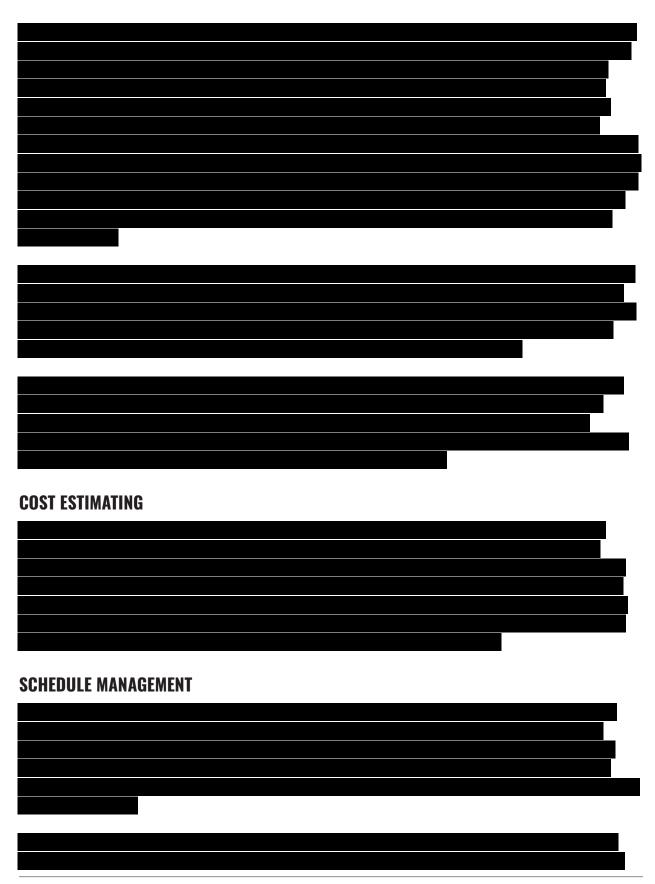


## **SUBMITTAL MANAGEMENT REQUESTS FOR INFORMATION**

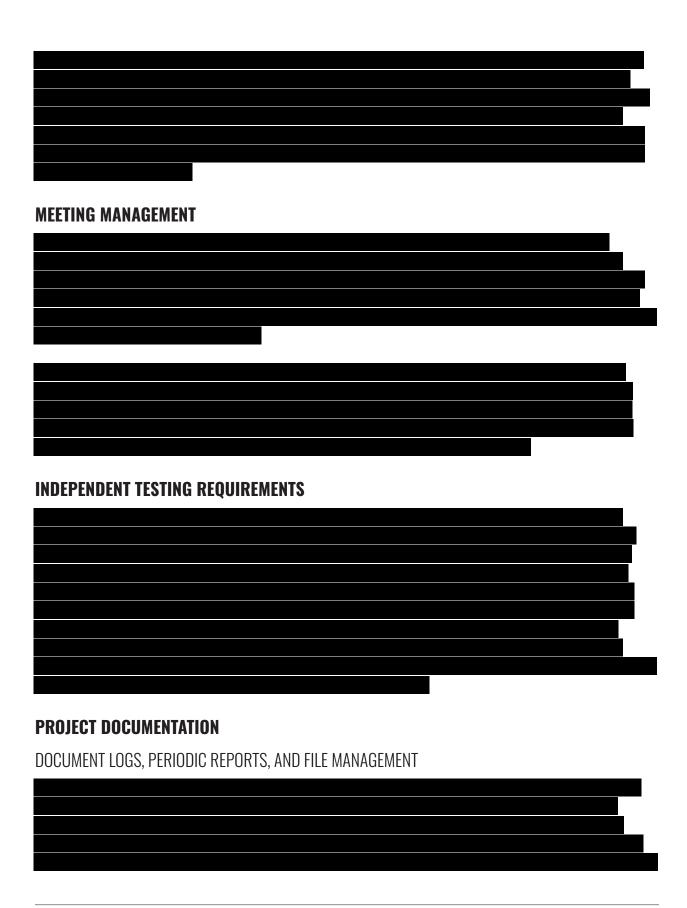


PAYMENT APPLICATIONS	
FUNDING MANAGEMENT	
CHANGE MANAGEMENT	











FIELD PROJECT MANAGEMENT
MAINTENANCE OF AS-BUILT RECORDS
ACCEPTANCE INSPECTIONS, SUSBSTANTIAL COMPLETION, AND BENEFICIAL OCCUPANCY



PROJECT CLOSEOUT	
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S-BUILT DRAWINGS	
SYSTEM TRAINING	
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CONTRACT CLOSEOUT
FINAL INSPECTION
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TRAINING, START-UP, AND OCCUPANCY
GUARANTEES AND WARRANTEES



O&M MANUALS	
SETTLEMENT	
SUBSTANTIAL COMPLETION/BENEFICIAL OCCUPANCY	
ACCEPTANCE TESTING	



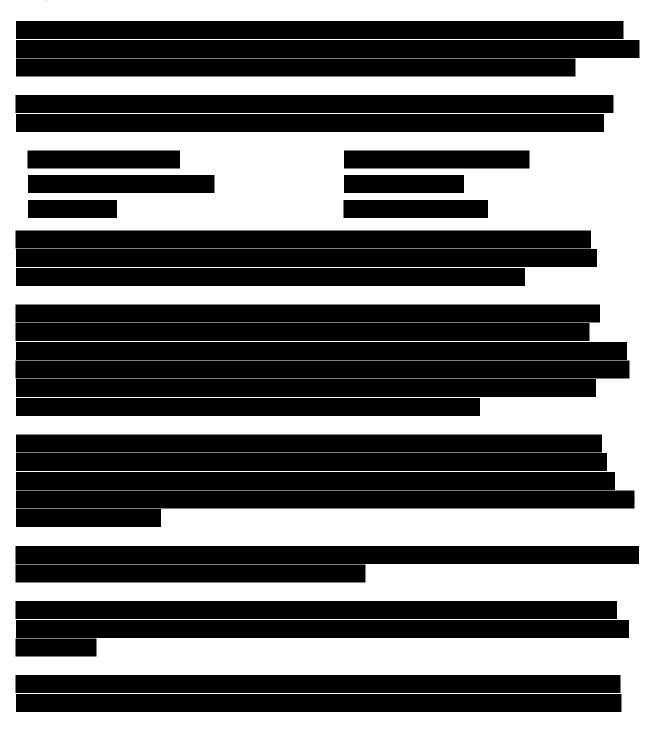


### SECTION 4 CPM SCHEDULING EXPERIENCE AND CAPABILITIES

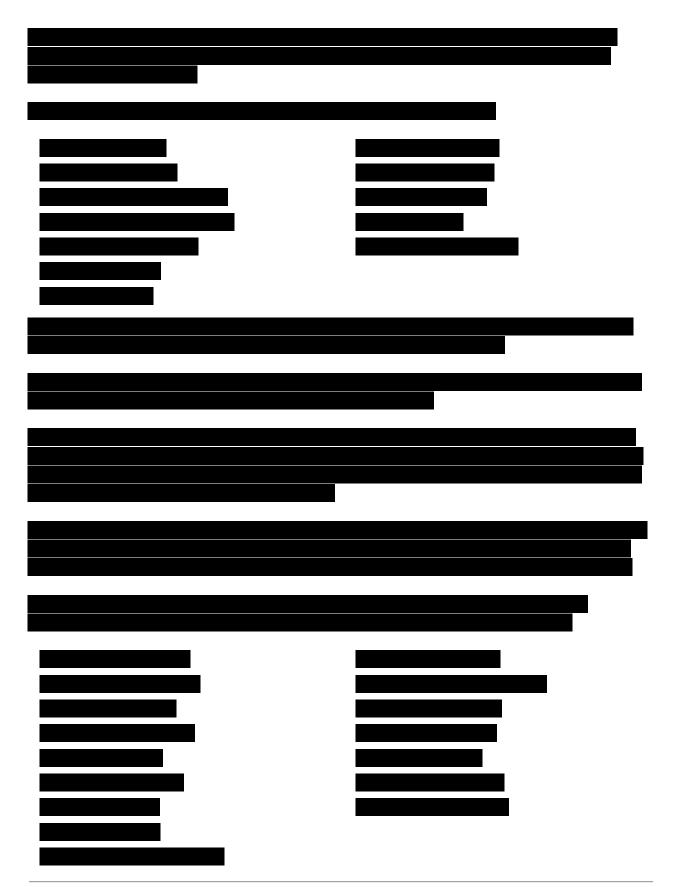
### **CPM SCHEDULING** | COMPETITIVENESS AND VALUE OF RATES

### **SCHEDULING APPROACH**

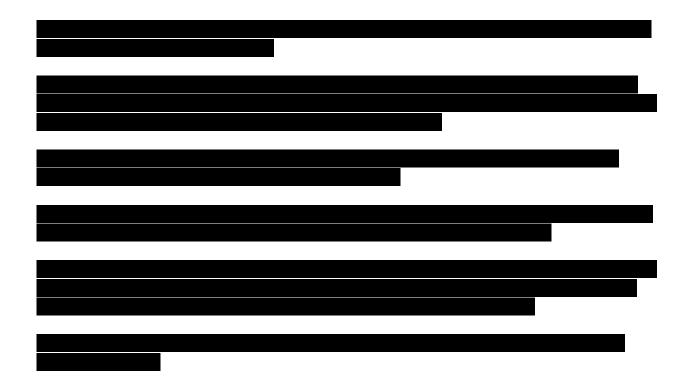
The Hill team will work with DPMC to evaluate and develop a project control system that utilizes best practices, lessons learned and proven technology to best fit the needs of each project under this IDIQ contract. We believe that developing accurate working schedules is key successful project completion.













### SECTION 5 COST ESTIMATING/BUDGET CONTROL EXPERIENCE AND CAPABILITIES

### **COST ESTIMATING/BUDGET CONTROL** | COMPETITIVENESS AND VALUE OF RATES

The Hill team understands that each project assignment under this contract will be procured via task order. Budget /Cost services we will provide the DPMC with include but are not limited to estimating, bid evaluation, cost reports, cost-benefit analyses, value engineering and claims analysis services.







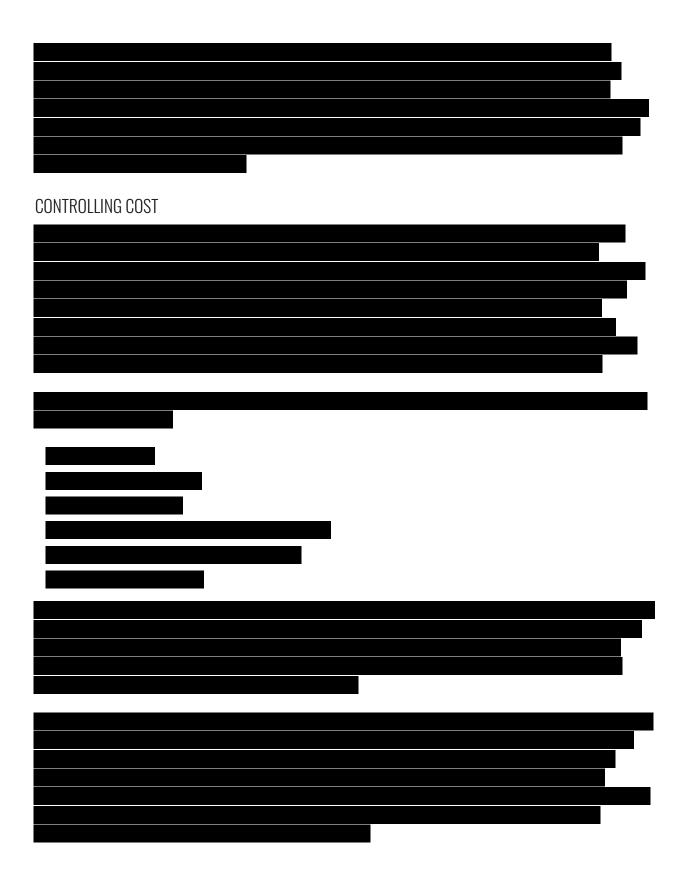


ESTIMATE METHODOLOGY
ADOD MATERIALS AND COLUMENT COSTS
LABOR, MATERIALS, AND EQUIPMENT COSTS
PRODUCTIVITY ESTIMATED
NODOGITVITT EGTIMINIED
COST ESTIMATING FRAMEWORK

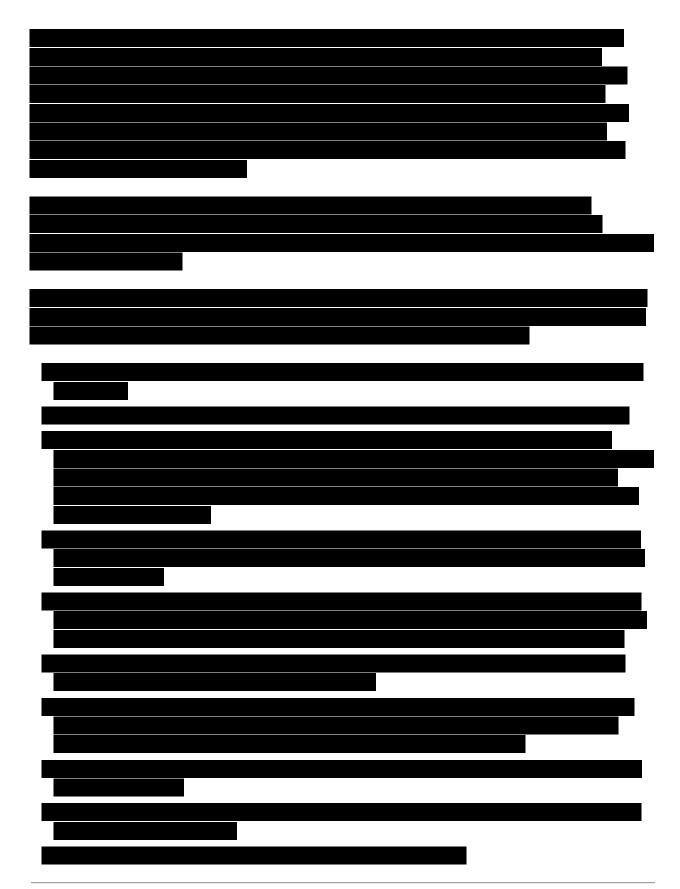


















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# SECTION 6 PRICE/COST PROPOSAL COMPETITIVENESS AND VALUE OF RATES

#### PRICE/COST PROPOSAL I COMPETITIVENESS AND VALUE OF RATES

#### TERM CONTRACT CMF 004

Hill is pleased to submit our Price/Cost Proposal to provide for Construction Management Services on various state agency projects for the Division of Property Management & Construction (DPMC) Indefinite Delivery Indefinite Quantity (IDIQ), Multiple Award Term Contract (CMF 004).

#### CMF 004 TERM CONTRACT RATE SCHEDULE BASE PERIOD (EST. 10/1/23 - 9/30/25)

NAME OF FIRM:Hill International, Inc	
--------------------------------------	--

#### **INSTRUCTIONS**

Give an hourly rate(\$ per hour; no cents please) below for all Personnel for each of the years listed. Please refer to the RFP for a description of each of the personnel types. Your proposal may be considered unresponsive if you leave blanks. Provided and hourly rate for ALL Personnel Levels even though you may not at the present time have staff for some of these levels. The estimated man hours below are only being provided as an example, and should not be relied upon for purposes of total hours or relativity of personnel type during the course of the resulting contract or work orders.

PERSONNEL TYPE	Estimated Man Hrs.	CMF Proposed Houri y Rate	Estimated Price
LEVEL 7			
LEVEL 6			
LEVEL 5			
LEVEL 4			
LEVEL 3			
LEVEL 2			
LEVEL 1			
TOTAL ESTIMATED PRICE			

RETURN THIS COMPLETED DOCUMENT TO DPMC (PAGE 2 OF 8)

#### CMF 004 TERM CONTRACT RATE SCHEDULE OPTION YEAR 1 (Est. 10/1/25 • 9/30/26)

NAME OF FIRM: \_\_ Hillnternationalnc.-----

#### INSTRUCTIONS

Give an hourly rate(\$ per hour; no cents please) below for all Personnel for each of the years listed. Please refer to the RFP for a description of each of the personnel types. Your proposal may be considered unresponsive if you leave blanks. Provided and hourly rate for all Personnel Levels even though you may not at the present time have staff for some of these levels. The estimated man hours below are only being provided as an example, and should not be relied upon for purposes of total hours or relativity of personnel type during the course of the resulting contract or work orders.

PERSONNEL TYPE	Estimated Man Hrs.	CMF Proposed Houri y Rate	Estimated Price
LEVEL 7			
LEVEL 6			
LEVEL 5			
LEVEL 4			
LEVEL 3			
LEVEL 2			
LEVEL 1			
TOTAL ESTIMATED PRICE			

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#### CMF 004 TERM CONTRACT RATE SCHEDULE OPTION YEAR 2 (Est. 10/1/26 - 9/30/27)

NAME OF FIRM: \_\_ Hillhternationalhc.-----

#### INSTRUCTIONS

Give an hourly rate(\$ per hour; no cents please) below for all Personnel for each of the years listed. Please refer to the RFP for a description of each of the personnel types. Your proposal may be considered unresponsive if you leave blanks. Provided and hourly rate for all Personnel Levels even though you may not at the present time have staff for some of these levels. The estimated man hours below are only being provided as an example, and should not be relied upon for purposes of total hours or relativity of personnel type during the course of the resulting contract or work orders.

PERSONNEL TYPE	Estimated Man Hrs.	CMF Proposed Houriy Rate	Estimated Price
LEVEL 7			
LEVEL 6			
LEVEL 5			
LEVEL 4			
LEVEL 3			
LEVEL 2			
LEVEL 1			
TOTAL ESTIMATED PRICE			

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TERM CONTRACT CMF 004

NAME OF FIRM: Hill International, Inc.

#### **INSTRUCTIONS**

Give an hourly rate (\$ per hour; no cents please) below for all Personnel for each of the years listed. Please refer to the RFP for a description of each of the personnel types. Your proposal may be considered unresponsive if you leave blanks. Provided and hourly rate for all Personnel Levels even though you may not at the present time have staff for some of these levels. The estimated man hours below are only being provided as an example, and should not be relied upon for purposes of total hours or relativity of personnel type during the course of the resulting contract or work orders.

PERSONNEL TYPE	Estimated Man Hrs.	CMF Proposed Houriy Rate	Estimated Price
LEVEL 7			
LEVEL 6			
LEVEL 5			
LEVEL 4			
LEVEL 3			
LEVEL 2			
LEVEL 1			
TOTAL ESTIMATED PRICE			

RETURN THIS COMPLETED DOCUMENT TO DPMC (PAGE 5 OF 8)

DATE: 8/24/23 Page 30



## SECTION 7 REQUIRED FORMS

#### REQUIRED FORMS, NJDPMC CERTIFICATIONS, AND ADDENDA

#### **REQUIRED FORMS TERM CONTRACT CMF 004**

Consultant Affidavit

Mac Bride Principles Compliance Certification

Disclosure Of Investment Activities in Iran Form

Source Disclosure Certification Form

#### **CERTIFICATION REGARDING LOBBYING**

Hill International, Inc.

#### **NEW JERSEY DPMC PREQUALFICATION CERTIFICATION (FORM 48A)**

Hill International, Inc. (Exp. 9/31/25)
LiRo Program & Construction Management P.C. (Exp. 8/15/24)
GEI Consultants, Inc. (Exp. 8/31/25)
M TO-PROS Development, Inc. (MBE-WBE) (SBE) (Exp. 9/30/24)
M&E Engineers, Inc. (SBE) (T&M Engineers) (Expires 4/30/25)

#### **NEW JERSEY SBE CERTIFICATION**

M TO-PROS Development, Inc. (MBE-WBE) (SBE) (Exp. 8/30/28) M&E Engineers, Inc. (SBE) (Expires 3/30/28)

#### **ADDENDA**

Addendum "A" dated November 03, 2023 Addendum "B" dated November 17, 2023



#### CMF 004 TERM CONTRACT

#### **CONSULTANT AFFIDAVIT**

#### IMPORTANT - PLEASE READ, SIGN AND PROVIDE INFORMATION REQUESTED BELOW

Affidavit: I, being duly swom upon my oath, hereby represent and state the foregoing information contained In the Term contract Proposal and any attachments thereto the best of my knowledge are true and complete. I acknowledge that the State of New Jersey (Owner) is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the Owner, or its contractors, to notify the Owner in writing of any changes to the answers or information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to cr!minal prosecution under the law and that it will also constitute a material breach of my agreements(s) with the Owner and that the Owner, at its option, may declare any contract(s) or sub-contract(s) resulting from this certification void and unenforceable.

Signature of the consultant below attests that the Consultant has read, understands and agrees to all terms, conditions and specifications set forth in the CMF 004 Term Contract Request for Proposal (RFP). Signature of the Consultant signifies that a contract is established immediately upon notice of award by the Stale of New Jersey for any or all of the items and the length of time indicated in the proposal. Failure to accept a contract award, to hold prices or to meet any other terms or conditions as defined in the request for proposal and agreement, and subsequently the Notice of Award, during the term of the contract, shall constitute a breach of contract an may result in suspension or debarment from further contractual agreements with the Owner.

Signature and Title of Principle or Individual of the firm authorized to sign contractual documents:

Signature:		Print Name:			
Title:		Date: Nove	mber 27, 2	023	
ATTESTED:	Sworn and subscribed to before me on the	2 1-	day of_	<u>!Jov</u>	9023 , <del>199</del> 8. ми
Signatur <sub>i</sub>	(Notary Public-Not an Officer of the Firm)				

RETURN THIS COMPLETED DOCUMENT TO DPMC (PAGE 1 OF 8)

TERM CONTRACT CMF 004 DATE: 8/24/23

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#### MAC BRIDE PRINCIPLES COMPLIANCE CERTIFICATION

Pursuant to Public Law 1995, c 134, a responsible consultant selected, after public bidding, by the Director of the Division of Property Management and Construction, pursuant to N.J.S.A. 52:32-2, must complete the certification below by checking one of the two representations listed and signing where indicated. If a consultant who would otherwise be awarded a contract or agreement does not complete the certification, then the Director may determine, in accordance with applicable law and rules, that it is in the best interest of the State to award the contract or agreement to another consultant who has completed the certification and has submitted a fee proposal within five (5) percent of the most advantageous fee proposal. If the Director finds the consultant to be in violation of the principles which are the subject of this law, he shall take such action as may be appropriate and provided for by law, rule or contract, including, but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the consultant in default and seeking debarment or suspension of the consultant.

I certify, pursuant to N.J.S.A. 52:34-12.2, that the entity for which I am authorized to bid:

has no ongoing business activities in Northern Ireland and does not maintain a physical presence therein through the operation of offices, plants, factories, or similar facilities, either directly or indirectly, through intermediaries, subsidiaries or affiliated companies over which it maintains effective control; or

\_\_ will take lawful steps in good faith to conduct any business operations it has in Northern Ireland in accordance with the MacBride principles of nondiscrimination in employment as set forth in N.J.S.A. 52:18A-89.8 and in conformance with the United Kingdom's Fair Employment (Northern Ireland) Act of 1989, and permit independent monitoring of their compliance with those principles.

I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

Signature of Consultant A

Dated: November 22, 2023

RETURN THIS COMPLETED DOCUMENT TO DPMC (PAGE 6 OF 8)

TERM CONTRACT CMF 004

DATE: 8/24/23

#### DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN FORM

BID SOLICITATION# AND TITLE: <u>J0405-00BIDDERNAME</u>; Hill International, Inc.

Pursuant to N.J.S.A. 52:32-57, et seq. (P.L. 2012, c.25 and P.L. 2021, c.4) any person or entity that submits a bid or proposalor otherwise proposes to enter into or renew a contract with the State of New Jersey must certify that neither the person nor entity, nor any of its parents, subsidiaries, or affiliates, is identified on the New Jersey Department of the TreasUiy's Chapter 25 List as a person or entity engaged in investment activities in Iran. The Chapter 25 list is found at htt.vs://www.state.ni.us/treasUiv/pmchase/pdfi'Chapter25List.pdf. Bidders must review this list prior to completing the below certification. If the Director of the Division of Property Management and Construction finds a person or entity to be in violation of the law, s/he shall take action as may be appropriate and provided by law, mle or contract, including but not limited to; imposing sanctions, seeking compliance, recovering damages, declaring the party in default and/or seeking debarment or suspension of the party.

CHECK.THE.APPROPRIATE.BOX

XX	I celtify, pursuant to N.J.S.A. 52:32-57, et seq. (P.L. 2012, c.25 and P.L. 2021, c.4), that neither the Bidder listed above nor any of its parents, subsidiaries, or affiliates is listed on the New Jersey Depa1tment of the Treasury's Chapter 25 List of entities determined to be engaged in prohibited activities in Iran.
OR	
	I am unable to certify as above because the Bidder and/or one or more of its parents, subsidialies, or afftliates is listed on the New Jersey Depa1tment of the Treasury's Chapter 25 List. I will provide a detailed, accurate and precise description of the activities of the Bidder, or one of its parents, subsidiaries or affiliates, has engaged in regarding investment activities in Iran by completing the information requested below.
	Entity Engaged in Investment Activities Relationship to Bidder Desc1iption of Activities
	Duration of Engagement Anticipated Cessation Date Attach Additional Sheets I fNecessary.
	CERTIFICATION
	I, the undersigned, certify that I am authorized to execute this certification on behalf of the Bidder, that the foregoing information and any attachments hereto, to the best of my knowledge are true and complete. I acknowledge that the Stite of

unenforceable. November 22, 2023 Date Signature Print Name and Title

> RETURN THIS COMPLETED DOCUMENT TO DPMC (PAGE 7 OF 8)

New Jersey is relying on the information contained herein, and that the Bidder is under a continuing obligation from the date of this certification through the completion of any contract(s) with the State to notify the State in writing of any changes to the information contained herein; that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification. If I do so, I will be subject to criminal prosecution under the law, and it will constitute a material breach of my agreement(s) with the State, permitting the State to declare any contract(s) resulting from this certification void and

TERM CONTRACT CMF 004 DATE: 8/24/23

Page 82

### Public Law 2005, Chapter 92 Formerly: Executive Order 129

#### SOURCE DISCLOSURE CERTIFICATION FORM

Bidder:	Hill International, Inc.
I hereby	certify and say:
I have p Bidder.	personal Imowledge of the facts set forth herein and am authorized to make this Certification on behalf of the
of New .	der submits this Certification as part of a bid proposal in response to the referenced solicitation issued by the State Jersey, Department of TreasUiy, Division of Property Management and Construction (DPMC), in accordance with rements of Public Law 2005, Chapter 92, (N.J.S.A. 52:34-13.2 et seg., superseding Executive Order 129 (2004)).
The follo	owing is a list of every location where services will be performed by the bidder and all subcontractors.
Bidd	ler or Subcontractor Description of Services Performance Location(s) by Country
1) Bidder:	Hill International, Inc.
Project N	nges to the information set forth in this Certification dUiing the tenn of any contract awai-ded under the referenced Number will be immediately reported by the Bidder to the Contract Compliance Unit in the DPMC, Department of State of New Jersey, PO Box 034, Trenton, NJ 08625.
above to Director, or that the	tand that, after awaid of a contract to the Bidder, it is determined that the Bidder has shifted services declaied be provided within the United States to somees outside the United States, prior to a written determination by the Division of Property Management and Construction, that extraordinary circumstances require the shift of services he failme to shift the services would result in economic haidship to the State of New Jersey, the Bidder shall be in breach of contract, which contract will be subject to termination for cause under its contract with DPMC.
	understand that this Certification is submitted on behalf of the Bidder in order to induce DPMC to accept a bid, with Imowledge that the State of New Jersey and DPMC are relying upon the truth of the statements contained
	that, to the best of my lmowledge and belief, the foregoing statements by me are true. I am aware that if any of the ats are willfully false, I am subject to punishment.
Bidder:	Hill International, Inc.  [Name of OrtioJ! or Entity]
By:	Title:
Print Na	me: November 27, 2023

RETURN THIS COMPLETED DOCUMENT TO DPMC (PAGE 8 OF 8)

TERM CONTRACT CMF 004 DATE: 8/24/23



### SECTION CERTIFICATION REGARDING LOBBYING

#### CERTIFICATION REGARDING LOBBYING

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents of all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, United States Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Organization:	Hill International, Inc.	
Street address:		
City, State, Zip:		
CERTIFIED BY	type or print)	
TITLE:		
	(signature)	November 27, 2023

Disclosure of Lobbying Activities

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

(See reverse for public burden disclosure)

1. Type of Federal Action:  a. contract  b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance		er/application award	3. Report Type:  a. initial filing  b. material change  For material change only:  Year quarter Date of last report
4. Name and Address of Reporting Enti-  XX Prime Subawardee  Tier, if Kn		Name and A	g Entity in No. 4 is Subawardee, Enter ddress of Prime:
Congressional District, if known:			nal District, if known:
6. Federal Department/Agency:  8. Federal Action Number, if known:  10. a. Name and Address of Lobbying Re (if individual, last name, first name, MI):		CFDA Number,  9. Award Amou	Performing Services (including address if o. 10a)
11. Information requested through this for authorized by title 31 U.S.C. section 1352. disclosure of lobbying activities is a mater representation of fact upon which reliance by the tier above when this transaction was entered into. This disclosure is required p U.S.C. 1352. This information will be reported Congress semi-annually and will be availated inspection. Any person who fails to file the disclosure shall be subject to a civil penalt than \$10,000 and not more than \$100,000 failure.	This rial e was placed as made or oursuant to 31 orted to the able for public e required ty of not less	Title:	Date:
Federal Use Only			Local Reproduction - LLL (Rev. 7-97)



# SECTION STATE OF NEW JERSEY DPMC PREQUALFICATION CERTIFICATION (FORM 48A)

### Hill International, Inc. NJDPMC Prequaliftcation Certification-copy

FORM A.'-(REVISED 109)



STATE OF NEW JERSEY DEPARTMENT OF THE TREASURY DMSION OF PROPERTY MANAGEMENT AND CONSTRUCTION

#### NOTICE OF CONSULTANT PREOUALIFICATION

FIRM: ADDRES	SS:	HILL IN	TERNA	TION	AL, INC.	0	INITIAL	0	REVISED	RE1"EWAL	
0 MBE		WBE	0 S	BE	o vob	EX	TE OF ISSU PIRATION DERAL ID I	DATE			
invite	d to subr	nit proposa	ls for pro	jects i	18A), submitted l involving the che A = no fixed amo	l by your finn, has bee necked discipline(s) ha nount.	en reviewed. aving a not to	As a re	esult of this re d Construction	eview, your finn may n Cost Estimate (CCI	E)
ARCHITE	CTURE						G CONSULTA	NT		-	

LI ARCHITECTURE	LI ROOFING CONSULTANT	
☐ ELECTRICAL ENGINEERING	ACOUSTICS	
☐ HVAC ENGINEERING	ASBESTOS DESIGN	
☐ PLU1\1BING ENGINEERING	☐ ASBESTOS SAFETY MONITORING	
□ C M L ENGINEERING	✓ CLAIMS ANALYSIS	
☐ SANITARY ENGINEERING	TELECOMMUNICATIONS	
☐ STRUCTIJRAL ENGINEERING	☐ FEASIB!LITY PLANNING	
☐ ELEVATOR/CONVEYOR ENGINEERING	☐ FIRE DETECTION SYSTEMS	
□ SOILS ENGINEERING	☐ FIRE PROTECTION SYSTEMS	
☐ FIRE PROTECTION ENGINEERING	☐ FOOD SERVICE	
☐ ENVIRONMENTAL ENGINEERING	☐ HYDRAULICS/PNEUMATICS	
☐ MARINE ENGINEERING	☐ HYDROLOGY	
☐ LANDSCAPE DESIGN	□ SECURITY SYSTEMS	
□ PLANNING	□ SITEPLANNING	
☐ LAND SURVEYING	☐ HISTORIC PRESERVATION CONSULTANT	
☐ AERIAL SURVEYING	☐ ENERGY AUDITING	
☐ HYDROGRAPHIC SURVEYING	□ TRAFFIC	
☐ FIRE & LIFE SAFETY RENOVATIONS	✓ TRANSPORTATION	
✓ BUILDINGCOMMISSIONING	☐ WASTF)WATER TREATMENT	
☐ BOILER/STEAM LINES/HIGH PRESSURE SYS	☐ ENERGY MANAGEMENT CONTROL SYSTEM	
□ DAM/LEVEE DESIGN	☐ RENEWABLE ENERGY CONSULTANT	
☐ BARRIERFREE/ADADESIGN	✓ CONSTRUCTION FIELD INSPECTION	
✓ ESTIMATING/COST ANALYSIS	✓ PROJECT MANAGEMENT	
☐ INTERIOR DESIGN/SPACE PLANNING	■ ENVIRONMENTALCONSULTANT	
☐ ROOFING INSPECTION	□ STORAGETANKREMOVAL	16 (154)
✓ CONSTRUCTION MANAGEMENT	☐ STORAGETANKINSTALLATION	
✓ CPM	☐ PER™ETER SECURITY FENCING	
□ ARCHAEOLOGY	☐ INDOOR AIR QUALITY TESTING	
□ GEOLOGY	☐ LANDFILL CLOSURE	
✓ VALUE ENGINEERING	☐ LEADPAINTEVALUATION	
☐ HISTORIC PRESERVATION/RESTORATION		

PREPARED BY: MANAGER, PREQUALIFICATION UNIT APPROVED BY:

DEPUTY DIRECTOR

By Christopher Geary, Assistant Deputy Director

NOTE: THIS IS AN ORIGINAL DOCUMENT. IT MAY BE REQUIRED AS PROOF OF YOUR PREQUALIFICATION STATUS. PLEASE RETAIN THIS FORM FOR YOUR RECORDS.

### LiRo Program & Construction Management P.C. NJDPMC Prequaliftcation Certification-copy

FORM A. (REVISED 109)

STATE OF NEW JERSEY

DEPARTMENT OF THE TREASURY

DMSION OF PROPERTY MANAGEMENT AND CONSTRUCTION

#### NOTICE OF CONSULTANT PREOUALIFICATION

FIRM:	D INITIAL □ REVISED RE1"EWAL
ADDRESS:	DATE OF ISSUE: EXPIRATION DATE: FEDERAL ID NUMBER:
D MBE D WBE D SBE D VOB	
The $E_{x p}$ erience Questionnaire (FORM 48A), submitted by your invited to submit proposals for projects involving the checked of noted. For the purposes of this form, $NA = no$ fixed amount.	r firm, has been reviewed. As a result of this review, your firm may be liscipline(s) having a not to exceed Construction Cost Estimate (CCE) as
□ ARCHITECTURE	□ ROOFING CONSULTANT
□ ELECTRICAL ENGINEERING	□ ACOUSTICS
☐ HVAC ENGINEERING	□ ASBESTOS DESIGN
□ PLUMBING ENGINEERING	□ ASBESTOS SAFETY MONITORING
☐ CIVIL ENGINEERING	✓ CLAIMSANALYSIS
□ SANITARYENGINEERING	☐ TELECOMMUNICATIONS
□ STRUCTIJRAL ENGINEERING	☐ FEASIBILITY PLANNING
☐ ELEVATOR/CONVEYOR ENGINEERING	☐ FIRE DETECTION SYSTEMS
□ SOILS ENGINEERING	☐ FIRE PROTECTION SYSTEMS
☐ FIRE PROTECTION ENGINEERING	□ FOOD SERVICE
□ ENVIRONMENTAL ENGINEERING	☐ HYDRAULICS/PNEUMATICS
MARINE ENGINEERING	□ HYDROLOGY
LANDSCAPE DESIGN	□ SECURITY SYSTEMS
□ PLANNING □ LAND SURVEYING	SITE PLANNING  HIGTORIC PRESERVATION CONSULTANT
☐ AERIAL SURVEYING	☐ HISTORIC PRESERVATION CONSULTANT
☐ HYDROGRAPHIC SURVEYING	□ ENERGY AUDITING □ TRAFFIC
☐ FIRE & LIFE SAFETY RENOVATIONS	☐ TRANSPORTATION
□ BUILDING COMMISSIONING	□ WASTE/WATER TREATMENT
□ BOILER/STEAM LINES/HIGH PRESSURE SYS	□ ENERGY MANAGEMENT CONTROL SYSTEM
□ DAM/LEVEE DESIGN	□ RENEWABLEENERGYCONSULTANT
□ BARRIERFREE/ADADESIGN	✓ CONSTRUCTION FIELD INSPECTION
✓ ESTIMATING/COST ANALYSIS	✓ PROJECT MANAGEMENT
☐ INTERIOR DESIGN/SPACE PLANNING	□ ENVIRONMENTALCONSULTANT
□ ROOFING INSPECTION	□ STORAGETANKREMOVAL
✓ CONSTRUCTION MANAGEMENT	□ STORAGE TANK INSTALLATION
✓ CPM	□ PERIMETER SECURITY FENCING
□ ARCHAEOLOGY	☐ INDOOR AIR QUALITY TESTING
□ GEOLOGY	□ LANDFILL CLOSURE
✓ VALUE ENGINEERING	☐ LEADPAINTEVALUATION
☐ HISTORIC PRESERVATION/RESTORATION	
PREPARED BY:	APPROVED BY:
MANAZER PREGNALISICATION UNIT	DEPUTY DIRECTOR

NOTE: THIS IS AN ORIGINAL DOCUMENT. IT MAY BE REQUIRED AS PROOF OF YOUR PREQUALIFICATION STATUS. PLEASE RETAIN THIS FORM FOR YOUR RECORDS.

### GEI Consultants, Inc. NJDPMC Prequaliftcation Certification-copy

FORM A. (REVISED 109)

STATE OF NEW JERSEY

DEPARTMENT OF THE TREASURY

DMSION OF PROPERTY MANAGEMENT AND CONSTRUCTION

#### NOTICE OF CONSULTANT PREOUALIFICATION

FIRM: ADDRESS:							0 II"1TIAL 0 REVISED	RENEWAI
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0 MBE	0	WBE	0	SBE	0	VOB	FEDERAL ID NUMBER:	

The  $E_{x,p}$  erience Questionnaire (FORM 48A), submitted by your finn, has been reviewed. As a result of this review, your finn may be invited to submit proposals for projects involving the checked discipline(s) having a not to exceed Construction Cost Estimate (CCE) as noted. For the purposes of this form, NA = no fixed amount.

noted. For the purposes of this form, $NA = no$ fi	ixed amount.
□ ARCHITECTURE	☐ ROOFINGCONSULTANT
☐ ELECTRICAL ENGINEERING	☐ ACOUSTICS
☐ HVAC ENGINEERING	ASBESTOS DESIGN
☐ PLUI\IBING ENGINEERING	☐ ASBESTOS SAFETY MONITORING
CIVIL ENGINEERING	☐ CLAIMS ANALYSIS
☐ SANITARY ENGINEERING	☐ TELECOMMUNICATIONS
STRUCIURAL ENGINEERING	☐ FEASIB!LITY PLANNING
☐ ELEVATOR/CONVEYOR ENGINEERING	☐ FIRE DETECTION SYSTEMS
SOILS ENGINEERING	☐ FIRE PROTECTION SYSTEMS
☐ FIRE PROTECTION ENGINEERING	☐ FOOD SERVICE
ENVIRONMENTAL ENGINEERING	☐ HYDRAULICS/PNEUMATICS
MARINE ENGINEERING	HYDROLOGY
☐ LANDSCAPE DESIGN	☐ SECURITY SYSTEMS
□ PLANNING	SITEPLANNING
☐ LAND SURVEYING	☐ HISTORIC PRESERVATION CONSULTANT
☐ AERIAL SURVEYING	☐ ENERGY AUDITING
☐ HYDROGRAPHIC SURVEYING	□ TRAFFIC
☐ FIRE & LIFE SAFETY RENOVATIONS	TRANSPORTATION
☐ BUILDING COMMISSIONING	☐ WASTE/WATER TREATMENT
☐ BOILER/STEAM LINES/HIGH PRESSURE SYS. ==	===
DAM/LEVEEDESIGN	☐ RENEWAL ENERGY CONSULTANT
☐ BARRIERFREE/ADADESIGN -	CONSTRUCTION FIELD INSPECTION
ESTIMATING/COST ANALYSIS	☐ PROJECT MANAGEMENT
☐ INTERIOR DESIGN/SPACE PLANNING	ENVIRONMENTAL CONSULTANT
☐ ROOFING INSPECTION	STORAGE TANK REMOVAL
☐ CONSTRUCTION MANAGEMENT	☐ STORAGETANKINSTALLATION
□ CPM	☐ PER™ETER SECURITY FENCING
□ ARCHAEOLOGY	☐ INDOOR AIR QUALITY TESTING
GEOLOGY	☐ LANDFILL CLOSURE
☐ VALUE ENGINEERING	☐ LEADPAINTEVALUATION
☐ HISTORIC PRESERVATION/RESTORATION	
PREPARED BY:	APPROVED BY:
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MANACED DECIMALIEICATION UNIT	DEDITY DIDECTOR

NOTE: THIS IS AN ORIGINAL DOCUMENT. IT MAY BE REQUIRED AS PROOF OF YOUR PREQUALIFICATION STATUS. PLEASE RETAIN THIS FORM FOR YOUR RECORDS.

### MTO-PROS Development, Inc. (MBE-WBE)(SBE) NJDPMC Prequaliftcation Certification-copy

FORM A.'-(REVISED 109)



STATE OF NEW JERSEY DEPARTMENT OF THE TREASURY DMSION OF PROPERTY MANAGEMENT AND CONSTRUCTION

#### NOTICE OF CONSULTANT PREOUALIFICATION

FIRM: ADDRESS:	0 II"1TIAL REVISED 0 RENEWAL
	DATE OF ISSUE:
	EXPIRATION DATE:
0 MBE 0 WBE 0 SBE 0 VOB	FEDERAL ID NUMBER:
The F erience Questionnaire (FORM 484) submitted	l by your finn, has been reviewed. As a result of this review, your firm may be
	necked discipline(s) having a not to exceed Construction Cost Estimate (CCE) a
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noted for the purpose of the form, 1.11 no meet the	
ARCHITECTURE	□ ROOFING CONSULTANT
ELECTRICAL ENGINEERING	□ ACOUSTICS
HVAC ENGINEERING	☐ ASBESTOS DESIGN
PLUI\IBING ENGINEERING	☐ ASBESTOS SAFETY MONITORING
CML ENGINEERING	CLAIMS ANALYSIS
SANITARY ENGINEERING	☐ TELECOMMUNICATIONS
☐ STRUCTIJRAL ENGINEERING	☐ FEASIB!LITY PLANNING
☐ ELEVATOR/CONVEYOR ENGINEERING	☐ FIRE DETECTION SYSTEMS
SOILS ENGINEERING	☐ FIRE PROTECTION SYSTEMS
FIRE PROTECTION ENGINEERING	☐ FOOD SERVICE
ENVIRONMENTAL ENGINEERING	☐ HYDRAULICS/PNEUMATICS
MARINE ENGINEERING	☐ HYDROLOGY
LANDSCAPE DESIGN	SECURITY SYSTEMS
] PLANNING	SITE PLANNING
LAND SURVEYING	☐ HISTORIC PRESERVATION CONSULTANT
AERIAL SURVEYING	☐ ENERGY AUDITING
HYDROGRAPHIC SURVEYING	□ TRAFFIC
FIRE & LIFE SAFETY RENOVATIONS	TRANSPORTATION
BUILDING COMMISSIONING	☐ WASTE/WATER TREATMENT
BOILER/STEAM LINES/HIGH PRESSURE SYS.	☐ ENERGY MANAGEMENT CONTROL SYSTEM
DAM/LEVEE DESIGN	☐ RENEWABLEENERGYCONSULTANT
BARRIERFREE/ADADESIGN	CONSTRUCTION FIELD INSPECTION
ESTIMATING/COST ANALYSIS	PROJECT MANAGEMENT
INTERIOR DESIGN/SPACE PLANNING	☐ ENVIRONMENTALCONSULTANT
ROOFING INSPECTION	☐ STORAGETANKREMOVAL
☐ CONSTRUCTION MANAGEMENT	☐ STORAGE TANK INSTALLATION
CPM	☐ PERIMETER SECURITY FENCING
☐ ARCHAEOLOGY	☐ INDOOR AIR QUALITY TESTING
GEOLOGY	LANDFILL CLOSURE
VALUE ENGINEERING	☐ LEADPAINTEVALUATION
HISTORIC PRESERVATION/RESTORATION	
PREPARED BY:	APPROVED BY:
20	
MANAGER, PREQUALIFICATION UNIT	DEPUTY DIRECTOR

NOTE: THIS IS AN ORIGINAL DOCUMENT. IT MAY BE REQUIRED AS PROOF OF YOUR PREQUALIFICATION STATUS. PLEASE RETAIN THIS FORM FOR YOUR RECORDS.

### M&E Engineers (SBE) NJDPMC Prequaliftcation Certification-copy

FORM A.V. (REVISED 109)

STATE OF NEW JERSEY

DEPARTMENT OF THE TREASURY

DMSION OF PROPERTY MANAGEMENT AND CONSTRUCTION

#### NOTICE OF CONSULTANT PREOUALIFICATION

FIRM:
ADDRESS:

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DATE OF ISSUE: EXPIRATION DATE: FEDERAL ID NUMBER:



The  $E_{x\,p}$  erience Questionnaire (FORM 48A), submitted by your finn, has been reviewed. As a result of this review, your finn may be invited to submit proposals for projects involving the checked discipline(s) having a not to exceed Construction Cost Estimate (CCE) as noted. For the purposes of this form, NA = no fixed amount.

□ ARCHITECTURE	☐ ROOFING CONSULTANT	
ELECTRICAL ENGINEERING	☐ ACOUSTICS	
H VAC ENGINEERING	☐ ASBESTOS DESIGN	
PLUMBING ENGINEERING	☐ ASBESTOS SAFEFYMONITORING	
☐ C M L ENGINEERING	☐ CLAIMS ANALYSIS	
□ SANITARY ENGINEERING	TELECOMMUNICATIONS	
☐ STRUCTURAL ENGINEERING	☐ FEASIB!LITY PLANNING	
□ ELEVATOR/CONVEYORENGINEERING	FIRE DETECTION SYSTEMS	
□ SOILS ENGINEERING	FIRE PROTECTION SYSTEMS	
FIRE PROTECTION ENGINEERING	☐ FOOD SERVICE	
☐ ENVIRONMENTAL ENGINEERING	☐ HYDRAULICS/PNEUMATICS	
☐ MARINE ENGINEERING	☐ HYDROLOGY	
☐ LANDSCAPE DESIGN	☐ SECURITY SYSTEMS	
□ PLANNING	☐ SITE PLANNING	
□ LAND SURVEYING	☐ HISTORIC PRESERVATION CONSULTANT	
□ AERIAL SURVEYING	ENERGY AUDITING NA	A
☐ HYDROGRAPHIC SURVEYING	☐ TRAFFIC	
FIRE & LIFE SAFETY RENOVATIONS	☐ TRANSPORTATION	
BUILDING COMMISSIONING	☐ WASTF)WATER TREAIMENT	
BOILER/STEAM LINES/HIGH PRESSURE SYS.	ENERGY MANAGEMENT CONTROL SYSTEM	
☐ DAM/LEVEE DESIGN	RENEWABLE ENERGY CONSULTANT	
☐ BARRIERFREE/ADADESIGN	CONSTRUCTION FIELD INSPECTION	
ESTIMATING/COST ANALYSIS	☐ PROJECT MANAGEMENT	
☐ INTERIOR DESIGN/SPACE PLANNING	☐ ENVIRONMENTAL CONSULTANT	
☐ ROOFING INSPECTION	□ STORAGETANKREMOVAL	
□ CONSTRUCTION MANAGEMENT	☐ STORAGETANKINSTALLATION	
□ CPM	☐ PER™ETER SECURITY FENCING	
□ ARCHAEOLOGY	☐ INDOOR AIR QUALITY TESTING	
□ GEOLOGY	☐ LANDFILL CLOSURE	
□ VALUE ENGINEERING	☐ LEADPAINTEVALUATION	
☐ HISTORIC PRESERVATION/RESTORATION		
PREPARED BY:	APPROVED BY:	
DOMESTA CHÈ DI SECTIONE		
, pr		
MANAGER, PREQUALIFICATION UNIT	DEPUTY DIRECTOR	
	By Christopher Geary, Assistant Dept	uty Director

NOTE: THIS IS AN ORIGINAL DOCUMENT. IT MAY BE REQUIRED AS PROOF OF YOUR PREQUALIFICATION STATUS. PLEASE RETAIN THIS FORM FOR YOUR RECORDS.



# SECTION STATE OF NEW JERSEY SBE CERTIFICATION

#### NJDPMC Prequaliftcation Certification-copy



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DEPARTMENT OF THE TREASURY
DIVISION OF REVENUE & ENTERPRISE SERVICES
P.O. BOX026
TRENTON, N 08625-026

PHONE: 609-292-2146 FAX: 609-984-6679

ELIZABETH MAHER MUOIO State Treasurer

5-YEAR RECERTIFICATION APPROVED

under the Small Business Set-Aside Act

This certificate acknowledges

PHIL MURPHY

Governor

SHEI LA OLIVER

Lt. Governor

as a

Category 2 & 5 Approved Small Business Enterprise (SBE) that has met the criteria established by N.J.A.C. 17:13.

In order for this certification to remain in effect throughout the 5 year certification **period, the business must submit annual verification statements attesting that there** has been no change in ownership, control, or any other factor of the business affecting eligibility for certification as a small business. The verification statements must be submitted not more than 60 days prior to the anniversary of the certification approval.

If the business fails to submit the annual verification statement by the anniversary date, or a renewal by its expiration date, the certification will lapse and the business will be removed from the system (SAVI) that lists small business entities. If the business seeks to be certified again, it will have to reapply by submitting a new application.

THE STATE OF THE S

Issued / 30/2023

Certification Numb 0397-34

Peter Jowishi

Peter Lowicki Deputy Director

\*Ex piration 9 /30/2028

18 noted above, in order to maintain its certification status, the business must submit verification statements for each of the five years.

#### NJDPMC Prequaliftcation Certification-copy



#### State of New Jersey

PHILMURPHY Governor DEPARTMENT OF THE TREASURY DIVISION OF REVENUE & ENTERPRISE SERVICES P.O. BOX 026

SHEILA OLIVER Lt. Governwr TRENTON, NJ 08625-026 PHONE: 609-292-2146 FAX: 609-984-6679 ELIZABETH MAHER MUOIO

State Treasurer

#### APPROVED

under the Small Business Set-Aside Act

This certificate acknowledges as a Category 2 & 5 Approved Small Business Enterprise (SBE) that has met the entena established by N.J.A.C. 17:13.

This certification will remain in effect for five years.

In order for this certification to remain in effect throughout the 5 year certification period, the business must submit annual verification statements attesting that there has been no change in ownership, control, or any other factor of the business affecting eligibility for certification as a small business. The verification statements must be submitted not more than 60 days prior to the anniversary of the certification approval.

If the business fails to submit the annual verification statement by the anniversary date, or a renewal by its expiration date, the certification will lapse and the business will be removed from the system (SAVI) that lists certified small businesses. If the business seeks to be certified again, it will have to reapply by submitting a new application.

THE STATE OF THE S

Issued: 3/30/2023

Certification Number: A0341-53

Peter Jowish

Peter Lowicki Deputy Director

Expiration: 3/30/2028

The expiration date is contingent on the proper and ontime filing of all Annual Verifications for nonprovisional certificates. Please see above for more

detail



### SECTION ADDENDA



#### tate of Ifletn 3/4r.sep

PHILIP D. MURPHY Governor

DEPARTMENT OF TREASURY DMSION OF PROPERTY MANAGEMENT & CONSTRUCTION PO Box 034 TRENTON NJ 08625-0034

ELIZABETH MAHER MUOIO State Treasurer

CHRISTOPHER CHIANESE Director

TAHESHAL. WAY Lt. Governor

DATE: November 03, 2023

All Participating Firms TO:

Christopher R Geary, Assistant Deputy Direct<(2A?a FROM:

Contracts & Procurement Unit · ?.J

SUBJECT: Addendum "A" dated November 03, 2023

Project: J0405-00

Indefinite Delivery Indefinite Quantity (IDIQ) Multiple Award Term Contract (CMF 004)

For Construction Management Services on Various State Agency Projects

Enclosed is the above referenced addendum. All competing firms shall acknowledge receipt by returning this form to:

> Division of Property Management & Construction Contracts and Procurement Unit Attention: Jennifer Roeckel P.O. Box 034 Trenton, NJ 08625-0034

Fax#: (609) 777-1970 Email: jennifer.roeckel@treas.nj.gov

November 3, 2023 Date Received Hill International. Inc. Firm Name Address Signature



#### \$!ate of ew

PHILIP D. MURPHY Governor

DEPARTMENT OF TREASURY DIVISION OF PROPERTY MANAGEMENT & CONSTRUCTION PO Box 034 TRENTON NI 08625-0034

ELIZABETH MAHER MUOIO Stole Treasurer

Director

CHRISTOPHER CHIANESE

TAHESHAL, WAY Lt. Governor

To pe text here

DATE: November 17, 2023

TO: AECOM

Armand Corporation

D'Huy Engineering, Inc. Epic Management

Gannett Fleming, Inc. Greyhawk North America, LLC

Hill International Jacobs

Jay Shapiro & Associates, Inc. JBC Associates

JCMS, Inc.

Johnson, Mirmiran, & Thompson, Inc. KS Engineers, P.C.

Anser Advisory

Colliers

Lehrer Cumming

Lendlease (US) Construction LMB Inc. M&M Construction Company Inc. Michael Baker International, Inc. Naik Consulting Group, PC NEW ROAD Construction Management Skanska USA Building, Inc.

STV Inc. T&M Associates

Turner & Townsend Heery Turner Construction Company

Christopher R. Geary, Assistant Deputy Directo(7A82FROM:

Contracts & Procurement Unit

SUBJECT: Addendum "B" dated November 17, 2023

Project J0405-00, IDIQ Multiple Award Term Contract (CMF-004)

For Construction Management Services on Various State Agency Projects

Enclosed is the above referenced addendum. All competing firms shall acknowledge receipt by returning this form to:

> Division of Property Management & Construction Contracts and Procurement Unit Attention: Jennifer Roeckel P.O. Box 034, Trenton, NJ 08625-0034

> > Fax#: (609) 777-1970 Email: jennifer.roeckel@treas.nj.gov

November 17, 2023

Date Received

Hill International, Inc.

Firm Name

Signature

Title