



Prepared For

Morris County

Engineering & Design  
Municipal Utilities Authority

#01 Engineering Services – Water Division

**ORIGINAL**

January 28, 2025

Proposal No. 25001437P

400 Valley Road, Suite 304

Mt. Arlington, New Jersey 07856

Accelerating success.

400 Valley Road, Suite 304  
Mt. Arlington, NJ 07856  
Main: 877 627 3772



January 28, 2025

Morris County Municipal Utilities Authority  
370 Richard Mine Road  
Wharton, NJ 07885  
Attn: Larry Gindoff

RE: Request for Qualifications for Professional Services  
RFP#01 – Engineering Services – Water Division  
Colliers Engineering & Design Project No. 25001437P

Dear Mr. Gindoff,

Colliers Engineering & Design (DBA Maser Consulting) appreciates the opportunity to submit one original of our qualifications to the Morris County Municipal Authority. Colliers Engineering & Design is an award-winning, multi-disciplined firm with a team of experienced professionals who have been providing an extensive array of services to public sector clients throughout New Jersey since 1984.

I, Jordan R. Volk, PE, PMP, will serve as the Client Contact. It is our goal to provide the Morris County Municipal Utilities Authority with the utmost level of professional services. As you will see in our Statement of Qualifications, we have the experience and qualified staff necessary to ensure that projects are completed on time and within budget.

As you review our submittal, we hope that you will find our firm to possess the specific expertise and design capabilities that the Morris County Municipal Utilities Authority is currently seeking. It is our goal to provide our clients with the utmost level of professional consulting services to ensure that projects are completed on time, within budget, and to our client's satisfaction.

On behalf of Colliers Engineering & Design, I would like to thank you in advance for your time and consideration. We look forward to working with you. If there are any questions or further information is required, please contact me at 732 704 5408 or by e-mail at [jordan.volk@collierseng.com](mailto:jordan.volk@collierseng.com).

Sincerely,

Colliers Engineering & Design, Inc.  
(DBA Maser Consulting)

A handwritten signature in blue ink, appearing to read "Jordan Volk".

Jordan Volk, PE, PMP  
Principal Associate | Regional Manager | Water/Wastewater



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# Table of Contents

- Section 1 Project Understanding
- Section 2 Firm Overview
- Section 3 Key Personnel
- Section 4 Project Experience
- Section 5 Schedule of Hourly Rates
- Section 6 Required Forms & Certificates



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# Section 1

Project Understanding

### Water/Wastewater Engineer

Colliers Engineering & Design (CED) has significant experience in providing the requested engineering services for your municipality. The depth and breadth of the experience and services offered by CED's staff allows our firm to act as a one-stop shop. In addition to water and wastewater engineering, CED offers services that also include feasibility studies, asset management, strategic planning, surveying, GIS, permitting assistance, grants and funding, facility needs assessments, structural engineering, and construction management and inspection. Our broad range of available services will allow us to quickly and efficiently respond to any issues that may arise during this engagement.

Our engineers also have direct experience with the goals and demands unique to your region. With our extensive group of licensed Professional Engineers (PE), Certified Municipal Engineers (CME), and Certified Public Works Managers (CPWM), CED can provide any aspect of engineering services that you may need, from water and wastewater treatment and collection/distribution system planning, to design, construction administration, and inspection services.

CED has the expertise to meet the needs of your municipality regarding the day-to-day operations as well as planning for future goals. We will provide you with competent personnel that have experience in providing engineering, technical and administrative expertise. Our project experience includes wastewater treatment plants (equipment replacement and plant expansion), wastewater pumping stations, sanitary sewers (new and rehabilitation), water treatment plants, supply wells, water storage tanks, lead service replacement, and chemical feed stations.

Our approach to every project, large or small, is met with the same conviction. We have empowered our team of professionals to supply you with the highest level of customer service and expertise. Together we will plan for future projects effectively and efficiently, while maintaining the quality of life for your residents.



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## Section 2

Firm Overview



# Municipal Firm Overview

Colliers Engineering & Design (CED) is a trusted provider of multi-discipline engineering, architecture, consulting and design services, delivering customized solutions to our clients.

With **75+ offices** and more than **2,600 employees** nationwide, New Jersey is the home of CED's headquarters. Dedicated to serving our New Jersey communities for nearly **40 years** (originally established as Maser Consulting), we've made a commitment to maintain the highest level of quality, accountability, and work safety throughout each of our office locations.

Having a regional presence throughout the state allows us to offer a full range of engineering consulting and design services on a local level as our experienced team of professionals are extremely knowledgeable about the

demands unique to area communities. Our employees are vested in our communities as residents where they live, work and play. Many have also had the privilege of representing those communities by serving as engineers and planners within our local municipalities, which has given us a unique view of our clients' needs and enabled us to provide customized solutions to meet their goals.

Our full-service, in-house resources, advanced technologies, and proven project management approach combine to provide accessibility to resources and strategies that maximize the success of our clients' project potential in a timely, cost-effective manner. Our multidisciplinary approach to design, combined with a deep understanding of the industry, local knowledge, and decades of experience, has positioned us as leaders shaping the built environment.

## NEW JERSEY OFFICE LOCATIONS

Our dedicated staff team takes great pride in their commitment to providing the following services:

- Aerial & Mobile LiDAR Mapping
- Architecture
- Bridge/Structures
- Civil & Site Development
- Construction Engineering & Inspection
- Geo-Environmental Engineering
- Geographic Information Systems (GIS)
- Highway Design
- Landscape Architecture
- Land Use Planning
- Materials Testing Laboratories
- Municipal Engineering
- Natural Resources
- Subsurface Utility Engineering
- Survey/Geospatial
- Stormwater Management
- Telecommunications
- Transportation
- Utilities/Energy & Renewables
- Water/Wastewater



877 627 3772 | [colliersengineering.com](http://colliersengineering.com)



# Firm Advantages

Colliers Engineering & Design has provided Water/Wastewater engineering evaluation, planning, design, and construction services to utility authorities, municipal water and sewer departments, educational facilities, and clients in the private sector. Our professionals understand the significance of ensuring that communities have consistently safe and reliable Water/Wastewater treatment, storage, and conveyance facilities.



- Valued services and expertise in Water/Wastewater engineering for over three decades
- Extensive expertise in evaluating existing facilities and planning new facilities, extensions, and upgrades
- In-depth knowledge of sanitary sewer collection systems, pumping stations, treatment facilities, sanitary sewer rehabilitation, potable water supply and treatment, transmission and distribution systems, water storage tanks, and irrigation systems
- Experienced municipal water/wastewater experts well-versed in the design and troubleshooting of biological and chemical treatment processes
- Proven experience with the latest technology, including computer modeling, to analyze multiple scenarios and component mixes for a community's needs
- More than 2,600 experienced professionals under one organization for a single source solution
- Responsive Project Managers who provide customized solutions to meet our clients' needs
- Knowledge and experience with critical local issues and state regulations

# New Jersey Municipal Presence

Colliers Engineering & Design, established as Maser Consulting in 1984, has been delivering customized solutions to New Jersey clients for over three decades. Our deep-rooted experience and familiarity with our local municipalities is served through nine strategic offices to provide our clients with best-in-class services. Currently, the firm holds appointments in the 17 counties depicted below.

## Current Appointments

### **Atlantic County**

Absecon City  
City of Somers Point

### **Bergen County**

Demarest Borough  
Edgewater Borough  
Englewood Cliffs  
Fort Lee Borough  
Hillsdale Borough  
Mahwah Township  
Montvale Borough  
New Milford Borough  
Park Ridge Borough  
Ridgefield Borough  
Saddle Brook Township  
Tenafly Borough

### **Burlington County**

Fieldsboro Borough

### **Camden County**

Berlin Borough

### **Cape May County**

Sea Isle City

### **Essex County**

Belleville Township  
Roseland Borough  
West Caldwell Township

### **Gloucester County**

Mantua Township  
Monroe Township  
Pitman Borough

### **Hudson County**

Union City  
Weehawken Township

### **Hunterdon County**

Bloomsbury Borough  
Delaware Township  
Franklin Township  
Frenchtown Borough  
Hampton Borough  
High Bridge Borough  
Holland Township  
Stockton Borough  
Tewksbury Township  
West Amwell Township

### **Middlesex County**

Metuchen Borough  
Middlesex Borough  
North Brunswick Township  
Perth Amboy City

### **Monmouth County**

Englishtown Borough  
Highlands Borough  
Holmdel Township  
Long Branch City  
Manasquan Borough  
Oceanport Borough  
Shrewsbury Township

### **Morris County**

Dover Town  
East Hanover Township  
Mine Hill Township  
Montville Township  
Pequannock Township  
Riverdale Borough



Over 40 Years  
of Serving Our  
Public Clients



Over 70  
Municipalities  
in 17 Counties

### **Ocean County**

Bay Head Borough  
Manchester Township  
Ocean Gate Borough  
Point Pleasant Beach Borough

### **Passaic County**

Clifton City  
Pompton Lakes Borough  
Woodland Park Borough

### **Somerset County**

Bridgewater Township  
Green Brook Township

### **Union County**

Cranford Township  
New Providence Borough  
Roselle Borough  
Roselle Park Borough  
Summit City  
Union Township

### **Warren County**

Belvidere Town  
Frelinghuysen Township  
Hackettstown Town  
Knowlton Township  
Lopatcong Township  
Mansfield Township  
White Township

## Contact, Qualifications & Technical Criteria

### Colliers Engineering & Design

Jordan Volk, PE, PMP  
Principal Associate | Regional Manager |  
Water/Wastewater  
Email: [jordan.volk@collierseng.com](mailto:jordan.volk@collierseng.com)

400 Valley Road, Suite 304  
Mt. Arlington, NJ 07856

Direct Line: 732 704 5408  
Cell: 732 518 8655

### Water/Wastewater Services

Water management provides unique challenges from environmental, health, and economic issues to regulatory concerns. Our experts comprehend these complexities, particularly the value of water as a precious natural resource, and apply their expertise in all areas of feasibility, design, and master planning. We have been providing water/wastewater engineering design and construction inspection services to municipal and regional utility authorities, sewer departments, private utilities, educational facilities, and private industry since 1984. We fully comprehend the significance of ensuring that communities have safe, consistent, and reliable water/wastewater treatment, distribution, and collection facilities and work with our clients in a partnership to meet these objectives. We employ the latest technological advances while providing a creative approach and effective solutions to water management projects of any size.

### Services Provided

- Master Planning
- Planning & Design
- Wastewater Management Plan Amendments
- User Rate Studies
- Inflow/Infiltration Studies
- Regulatory Permitting & Compliance
- Water Allocation Permits
- Environmental Assessments
- Geotechnical/Soil Assessments
- Industrial Treatment
- Construction Administration & Inspection
- Operations & Maintenance Programs
- Rehabilitation of Existing Systems
- Structural Design
- Capital Budgets & Bonding Estimates
- Distribution System Modeling
- Hydrogeologic Investigations and Engineering
- Asset Management Plans

### Technical Criteria

#### Project Understanding and Scope

Please refer to Section 1 of our Qualifications Statement.

#### Innovative Technology

Colliers Engineering & Design (CED) can be on-call to assist your staff with interceptor system issues and problems as requested. Our engineers are skilled in the operation, troubleshooting, and upgrading of these facilities. They are also extremely knowledgeable in operating and upgrading wastewater collection system. The depth and breadth of our firm allows us to implement cutting edge technology and techniques in our approach to problems.

# Management & Cost Criteria

## **Management Criteria**

### **Project Management Plan**

Please refer to Section 2 of our Qualification Statement.

### **Ability to Perform Services in a Timely Fashion**

Colliers Engineering & Design (CED) will be providing services to Morris County MUA primarily from our Mt. Arlington office, which is located within 30 minutes of the Authority's offices. Our close proximity ensures our ability to provide services in a timely fashion. In addition to in-person meetings and on-site visits, our team is also able to work remotely and utilize video conferencing to communicate in a timely and efficient manner.

### **Project Experience**

Please refer to Section 4 of our Qualifications Statement.

### **In-House Resources vs. Contracted Resources**

Colliers Engineering & Design would perform all services for this engagement in-house. We do not anticipate a need to sub-contract out any of the required work.

### **Cultural Sensitivity/Cultural Diversity**

Colliers Engineering & Design formed a Diversity & Inclusion Committee in 2021 to magnify its commitment to inclusivity internally as well as externally by establishing and implementing policies. Diversity & Inclusion strengthen our business by enriching our culture, accelerating success for our clients, and helping us deepen relationships among our people, teams, and communities.

We have a diverse workforce in which all contributions and differences are valued. We recognize that each of our employees plays a vital role by bringing unique skills, creativity, and perspectives to the Company which adds value to our success. This diversity in our workforce enables us to bring more perspectives, thus more solutions to our clients, ensuring that we provide the best project results.

### **EEO Statement**

Please refer to Section 2 of our Qualification Statement.

## **Cost Criteria**

### **Rate Schedule**

Please see Section 5 for our Rate schedule

### **Quality Control and Assurance Program**

QA/QC Procedures - Colliers Engineering & Design has a strict policy to establish, commit to, implement, and monitor a Quality Assurance/Quality Control (QA/QC) program for every project, allowing for the production of quality deliverables for our clients. This QA/QC program is continually monitored to maximize its success and to identify possible improvements. Each Colliers Engineering & Design employee is a part of this QA/QC program. Their use of carefully managed processes, guidelines, and state-of-the-art tools is conducive to the creation of products and services which meet defined client requirements.

## Management & Cost Criteria

The Colliers Engineering & Design QA/QC program applies to all of our disciplines and office locations.

Throughout the organization, each Department Manager is responsible for the following:

- Communicating the firm's QA/QC policy to employees
- Developing quality plans and reviews
- Implementing a quality management system to consistently achieve superior services
- Monitoring and continually improving the level of client satisfaction
- Providing mentoring and training to develop and continually improve employee performance

Colliers Engineering & Design QA/QC Program manual is distributed to all Project Managers, Department Managers, Division Directors, and Executives of the firm. The manual is designed to help Project Managers implement practices for effective project management and incorporates department-specific guidelines as they are developed.

## References

### **Township of Belleville**

Brian Banda, Township Manager  
152 Washington Avenue  
Belleville, NJ 07109  
bbanda@bellevillenj.org  
973 450 3407

### **Brick Township Municipal Utilities Authority**

Chris Theodos, PE, PP, CME, CPWM, CFM  
Executive Director  
1551 Highway 88 West  
Brick, NJ 08724  
ctheodos@brickmua.com  
732 458 7000

### **Jersey City Municipal Utilities Authority**

Jose Cunha, PE, Executive Director  
13-15 Linden Avenue East  
Jersey City, NJ 07305  
j.cunha@jcmua.com  
201 433 8731

### **Lakewood Township MUA**

Justine Flancbaum, Executive Director  
390 New Hampshire Avenue  
Lakewood, NJ 08701  
justinef@lakewoodmua.com  
732 363 4422

### **New Jersey American Water**

Patrick Westhoven, PE  
One Water Street  
Camden, NJ 08102  
patrick.westhoven@amwater.com  
609 916 6113

### **Philadelphia Water Department**

William Dobbins, PE, Mgr. Design Branch  
Jefferson Tower, 2<sup>nd</sup> Floor  
1101 Market Street  
Philadelphia, PA 19107-2994  
william.dobbins@phila.gov  
215 685 6286

### **Borough of Point Pleasant Beach**

Christine Riehl, Borough Administrator  
416 New Jersey Avenue  
Point Pleasant Beach, NJ 08472  
criehl@pointbeach.org  
732 892 8770

### **Sea Isle City**

Leonard C. Desiderio, Mayor  
233 John F. Kennedy Boulevard  
Sea Isle City, NJ 08243  
ldesiderio@seaislecitynj.us  
609 263 4461

### **Veolia**

Antonio A. Vicente, PE  
461 From Road, Suite 400  
Paramus, NJ 07652  
Antonio.vicente@veolia.com  
201 525 2334

## **Project Management**

Colliers Engineering & Design established procedures that are utilized uniformly throughout the corporate enterprise. Our professional's work diligently with our clients to ensure successful project delivery in compliance with the approved schedules, design, budgeting, permitting, and administration while maintaining quality standards from initial assessment through project completion.

### **Objectives**

Projects are managed in accordance with corporate procedures to ensure successful project delivery in compliance with the approved schedule, budget and quality standards. Colliers Engineering & Design project managers operate within a team environment, and we value our clients as team members and partners. A key factor in successful project management is communications. Keeping our clients and other team members informed throughout the project life cycle is viewed as critical to overall project success. The use of a high-speed computer network linking all corporate offices together along with access to the Internet provides for a real-time communication platform.

### **Strategy**

Colliers Engineering & Design consistently accomplishes project goals and objectives by performing professional services in conformity with our project management procedures. As part of the corporation's commitment to sound management practices, Colliers Engineering & Design has made a substantial investment in the latest computer technology. Our network and computer systems are based on the up-to-date operating platform. All offices are connected through Wide Area Network connections. These connections enable all offices to access data on any of the fourteen servers that service the all-regional offices. The company has a dedicated T1 connection to the Internet, web servers and a dedicated server for e-mail and project scheduling are based on Microsoft Exchange®. The project management software used is "best-of-breed", Enterprise-Wide Project Management® by Primavera Systems, Inc. and Microsoft Project®. The use of project scheduling software provides the capability of pooling various staff resources across the organization. Colliers Engineering & Design Internet capability also allows for the creation of a dedicated and secured web site for selected projects.

### **Risk Analysis/Assessment**

During the initial review of the project scope of work a Project Risk Analysis/Assessment will be performed for selected projects. Projects that are complex, high-cost, high-risk, fast tracked or at the client's request, will undergo a risk analysis assessment. The purpose of this assessment is to identify project related impediments that may have the potential to negatively impact the schedule, budget or both. Identifying potential problems early during the initial project life will help determine a more realistic project schedule and budget, and increase project success. Early identification of potential impacts and mitigation measures will prevent these impediments from occurring at a future date that may overwhelm project resources with devastating effects. The project manager will reach-out to the various Subject Matter Experts (SME) in the various disciplines within Colliers Engineering & Design to assist in the risk assessment.

### **Project Scope of Work/CPM Project Schedule**

The final scope of work authorized by the client forms the baseline for the official project budget and project schedule. The project schedule is developed based on a "time-is-of-the-essence" philosophy that identifies the logical work path through all activities, thus defining the project Critical Path (Critical Path



## Project Management

Method- CPM). The CPM schedule identifies project milestones and deliverables and reflects the approved person-hours and costs needed to complete the project based on the approved project budget (cost-loaded schedule). This cost loaded CPM schedule is updated periodically from actual time charged against the project, including project direct expenses.



## Colliers Engineering & Design EEO Statement

It is the policy of Colliers Engineering & Design not to discriminate against any employee or applicant for employment because of his or her race, color, religion, sex, sexual orientation, gender identity, national origin, or because he or she is an individual with a disability or protected veteran. It is also the policy of Colliers Engineering & Design to take affirmative action to employ and to advance in employment, all persons regardless of their status as individuals with disabilities or protected veterans, and to base all employment decisions only on valid job requirements. This policy shall apply to all employment actions, including but not limited to recruitment, hiring, upgrading, promotion, transfer, demotion, layoff, recall, termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship, at all levels of employment. Furthermore, the company will provide qualified applicants and employees who request an accommodation due to a disability, with reasonable accommodations as required by law.

Colliers Engineering & Design prohibits harassment of employees and applicants because they are individuals with disabilities or protected veterans. Colliers Engineering & Design also prohibits retaliation against employees and applicants for filing a complaint, opposing any discriminatory act or practice, assisting or participating in any manner in a review, investigation, or hearing or otherwise seeking to obtain their legal rights under any Federal, State, or local EEO law requiring equal employment opportunity for individuals with disabilities and protected veterans. Prohibited retaliation includes, but is not limited to, harassment, intimidation, threats, coercion or other adverse actions that might dissuade someone from asserting their rights.

The CEO/President of Colliers Engineering & Design is committed to the principles of affirmative action and equal employment opportunity. In order to ensure dissemination and implementation of equal employment opportunity and affirmative action throughout all levels of the company, Allison Colantuoni has been appointed as the EEO Officer for Colliers Engineering & Design. One of the EEO Officer's duties will be to establish and maintain an internal audit and reporting system to allow for effective measurement of Colliers Engineering & Design's programs.

In furtherance of Colliers Engineering & Design's policy regarding affirmative action and equal employment opportunity, Colliers Engineering & Design has developed a written Affirmative Action Program (AAP) which sets forth the policies, practices and procedures that Colliers Engineering & Design is committed to in order to ensure that its policy of nondiscrimination and affirmative action for qualified individuals with disabilities and qualified protected veterans is accomplished. This AAP is available for inspection by any employee or applicant for employment upon request between normal business hours at the Human Resources department. Any questions should be directed to Allison Colantuoni, Director of Human Resources.



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## Section 3

Key Personnel



## Jordan R. Volk, PE, PMP

Principal Associate | Regional Manager | Wastewater/Water

Mr. Volk has over 20 years of experience in the potable water and wastewater engineering fields, including project management, design, investigation, preparation of plans and specifications, permitting, and construction administration and observation for water and wastewater infrastructure. Specific projects have included water treatment plants, water pump stations, water distribution mains, water storage tanks, supply wells, and chemical feed stations.

Mr. Volk also has experience in hydraulic modeling, site feasibility studies, water system valuations, strategic planning, and asset management practices. His wastewater experience includes the design of wastewater pumping stations, as well as new sanitary sewers and the rehabilitation of existing sanitary sewers. He also has experience in large scale stormwater resiliency and mitigation projects.

### Education

BS Mechanical Engineering,  
Lehigh University, 2002

### Professional Registrations

Professional Engineer (PE)  
New Jersey, New York, North  
Carolina, Texas, Connecticut,  
Massachusetts, Florida

Project Management  
Professional (PMP)

### Affiliations & Memberships

New Jersey American Water  
Works Association

New York Water Environment  
Association

### Software Skills

ArcGIS

AutoCAD

WaterGems

## Key Projects

### Wastewater Treatment Plant Evaluation and Capital Plan

*Borough of Florham Park, Morris County, NJ*

Preparation of a wastewater treatment plant upgrade evaluation, optimization and capital plan to account for future flow increases in the Borough.

### 235th Street Pump Station Reconstruction, New York City Department of Environmental Protection

*Bronx Borough, New York City, NY*

Project Manager for the planning and design of a 3.5 MGD combined sewer pump station with an estimated construction cost of \$20M.

### Rebuild By Design - Living With the Bay, Governor's Office of Storm Recovery

*Various Locations, Nassau County, NY*

Project Manager for the design of four stormwater resiliency projects with an estimated construction cost of \$50M.

### JFK Airport Floodgate Installation, Port Authority of New York and New Jersey

*Queens Borough, New York City, NY*

Project Manager for the planning and design of two separate projects with the goal of mitigating storm surge flooding at the airport with an estimated construction cost of over \$50M.

### **Holland Tunnel Prefabricated Storage Building, Port Authority of New York and New Jersey**

*Jersey City, Hudson County, NJ*

Project Manager for the planning and design of a prefabricated storage building on the NJ side of the Holland Tunnel to store flood mitigation equipment.

### **Building 111 Mechanical and Electrical Resiliency, Port Authority of New York and New Jersey**

*Port Newark, Hudson, County, NJ*

Project Manager for the planning phase of a fire protection and potable water pump station to evaluate options for flood resiliency.

### **Port Newark Resident Engineer's Office, Port Authority of New York and New Jersey**

*Port Newark, Hudson County, NJ*

Project Manager for the planning phase to evaluate options for a new flood resilient resident engineer office.

### **Long Beach Bulkhead Replacement**

*City of Long Beach, Nassau County, NY*

Project Manager for the design of a new section of bulkhead along the north shore of Long Beach to provide storm surge resiliency.

### **Newark Avenue Bridge Water Main Replacement, Jersey City Municipal Utilities Authority**

*Jersey City, Hudson County, NJ*

Project Manager for the design and permitting of the replacement of a 36-inch water main and bridge above an active Conrail railroad line.

### **Newark Avenue CIPP, Jersey City Municipal Utilities Authority**

*Jersey City, Hudson County, NJ*

Project Manager for the design of rehabilitation of 4,000 LF of 6-inch, 8-inch, and 12-inch water mains using a structural cured-in-place pipe (CIPP) liner.

### **Sodium Permanganate Chemical Feed, Jersey City Municipal Utilities Authority**

*Jersey City, Hudson County, NJ*

Project Manager for the design, permitting, and construction administration of the installation of a sodium permanganate chemical feed system at the JCMUA Water Treatment Plant.

## **Journal Square North Water Main Rehabilitation, Jersey City Municipal Utilities Authority**

*Jersey City, Hudson County, NJ*

Project Manager for the design and permitting of rehabilitation and replacement of 20,000 LF of 6-inch and 8-inch water mains within the Journal Square North Ward. Prior to design, water main coupons were taken and analyzed to determine the condition of the existing water main and the best method of rehabilitation or replacement. The design included water main replacement, cleaning and cement mortar lining and structural cured-in-place pipe (CIPP) liner.

## **Emergency Water Main Relocation, Jersey City Municipal Utilities Authority**

*Jersey City, Hudson County, NJ*

Project Manager for the design of solutions for existing water mains conflicts with existing brick sewers. Seven locations were found where existing cast iron water mains ran through the interior of brick sewers. Each location was evaluated, and the most cost-effective solution was designed. The final design consisted of structural cured-in-place pipe (CIPP) lining of the existing brick sewer, replacement of brick sewer with ductile iron pipe, relocation of water mains, or abandonment of the existing water main.

## **Hydraulic Modeling Assignments, Jersey City Municipal Utilities Authority**

*Jersey City, Hudson County, NJ*

Performed hydraulic modeling of the water distribution system for various scenarios. Scenarios included potential developments and effects of main shutdowns.

## **Pulaski Highway Water Main Replacement, Jersey City Municipal Utilities Authority**

*Jersey City, Hudson County, NJ*

Project Manager for the construction administration of water main replacement associated with the NJDOT rehabilitation along the Pulaski Highway and Route 139.

## **Twin Rivers Water Main Replacement, East Windsor Municipal Utilities Authority**

*East Windsor Township, Mercer County, NJ*

Project Manager for the design of ductile iron water main replacement with HDPE in a residential neighborhood. HDPE was chosen due to the number of water main breaks in the area from corrosive soils.

## **Boonton Gravity Supply Project, Jersey City Municipal Utilities Authority**

*Jersey City, Hudson County, NJ*

Project Engineer for the design, permitting, and construction administration of upgrades to the existing water treatment plant to allow gravity flow from the reservoir in lieu of pumping at the existing raw water pump station. Design included constructing an 84-inch diameter pipeline from the lower gate house directly to a new traveling screen and rapid mix chamber. The design also included upgrades to the existing chemical feed and SCADA system. Prepared New Jersey Environmental Infrastructure Trust (NJEIT) financing application.

### **Livingston Wells 3, 5, 4 & 8 Improvements**

*Township of Livingston, Essex County, NJ*

Project Manager for the design, permitting, bid, and construction administration of upgrades to wells 3, 5, 4 and 8. The well 3/5 facility included the drilling of three new wells and process, electrical, and instrumentation upgrades to the treatment building. The well 4 and well 8 facilities included upgrades to the treatment process.

### **Livingston Interconnection Improvements**

*Township of Livingston, Essex County, NJ*

Project Manager for the design, permitting, and construction administration of upgrades to three potable water interconnections with NJAW. Upgrades included flow control of interconnections as well as SCADA improvements.

### **Livingston NHBS Upgrade Project**

*Township of Livingston, Essex County, NJ*

Project Manager for the design, permitting, and construction administration of upgrades to the North Hillside Booster Station (NHBS) and Tank SCADA, NHBS generator installation, East Orange Interconnection chamber improvements, and well 6 upgrades.

### **Livingston Wells 8, 9, and 12 Upgrade Project**

*Township of Livingston, Essex County, NJ*

Project Manager for the design and permitting of upgrades to the well 8, well 9, and well 12 facility. The design included upgrades to the process, electrical, and instrumentation at each facility.

### **Bergen Lafayette Cleaning and Lining, Jersey City Municipal Utilities Authority**

*Jersey City, Hudson County, NJ*

Project Engineer for the design, permitting, and construction administration of approximately 30,000 feet of cleaning and cement mortar lining and miscellaneous water main replacements. Design included the development of detailed plan drawings and specifications. Prepared New Jersey Environmental Infrastructure Trust (NJEIT) financing application.

### **Hamilton Tank Area Unidirectional Flushing Program, Trenton Water Works**

*City of Trenton, Mercer County, NJ*

Development of a unidirectional flushing program using the Trenton Water Works hydraulic model. Maps and spreadsheets were prepared for operations staff to use during flushing program.

### **Middletown Unidirectional Flushing Program, NJAW**

*Middletown Township, Monmouth County, NJ*

Development of a unidirectional flushing program using the hydraulic model. Maps and spreadsheets were prepared for operations staff to use during flushing program.



### **Pump Assessment, Bryant Street Pump Station, DC Water**

*Washington, D.C.*

Project Engineer for a condition assessment of two booster pumps at the Bryant Street pump station. Pump flow tests were performed, and the results analyzed.

### **Facilities Plan Update, DC Water**

*Washington, D.C.*

Project Engineer for hydraulic modeling of the water distribution system to determine capital improvement projects for inclusion in the Facilities Plan update.

### **Mountain Ridge Booster Pump Station**

*Livingston Township, Essex County, NJ*

Development of a hydraulic model of the Township's water system, which was used to analyze the need for the Mountain Ridge Booster Pump Station. The hydraulic model was also used to size the pumps for the proposed booster pump station.

### **Jockey Hollow Booster Pump Station Rehabilitation, Southeast Morris County Municipal Utilities Authority**

*Town of Morristown, Morris County, NJ*

Project Engineer for design, permitting, bidding, and construction administration for rehabilitation of the pump station. Design included new pump, motors, pump control valves, emergency generator, and upgrades to the electrical and controls system.

### **State Prison Water Booster System Replacement, New Jersey Department of Corrections**

*City of Trenton, Mercer County, NJ*

Project Manager for the upgrade and replacement of the existing domestic water booster pump system at the prison facility. The project included design, permitting, and construction administration.

### **Ventura Water System Comprehensive Planning Study, California American Water**

*Ventura County, CA*

Project Engineer for a study to address all aspects of planning for this system, including the planning process, demand projections, source of supply, production, and an analysis of the distribution system hydraulics. The report included prioritized recommendations for capital improvements in a 15-year program.

### **Coronado Water System Comprehensive Planning Study, California American Water**

*San Diego, San Diego County, CA*

Participated in this study to address all aspects of planning for this system, including the planning process, demand projections, source of supply, production, and an analysis of the distribution system hydraulics. The report included prioritized recommendations for capital improvements in a 15-year program.

### **Farney Booster Pump Station Transmission Main**

*Parsippany-Troy Hills Township, Morris County, NJ*

Project Engineer for bidding and construction administration services for the installation of 1,800 LF of 16-inch diameter water main. Construction included a jack and bore installation at a NJ Transit railroad crossing, a stream crossing, and work in an NJDOT roadway.

### **Generator Upgrade Project**

*Parsippany-Troy Hills Township, Morris County, NJ*

Project Manager for design, permitting, bid and construction administration services for the electrical upgrades and generator installation at wells 8, 10, 18, 19, and 20.

### **Water Main Rehabilitation, Jersey City Municipal Utilities Authority**

*Jersey City, Hudson County, NJ*

Design, permitting, bidding, and construction administration for rehabilitation of a 120-year old 36-inch diameter water main. Prepared New Jersey Environmental Infrastructure Trust (NJEIT) financing application.

### **Water Main Extension, Har Sinai Temple**

*Hopewell, Mercer County, NJ*

Project Manager for the design and permitting of a water main extension. Design included two jack and bores under NJDOT and county roads for a 16-inch and 12-inch diameter water main.

### **Stewart Air National Guard Base Water System Improvements, Air National Guard**

*City of Newburgh, Orange County, NY*

Design of a new potable water system for the entire base, including jack and bores and reconnection of existing and new potable water services. Hydraulic analysis was performed to analyze the water main design.

### **Nanni-Doyle-Urich Water System**

*Plumstead Township, Bucks County, PA*

Project Manager for the design of a potable water system including pump house, well, and water storage tank. Provided permitting and construction administration services.

### **Water System Interconnections**

*Mount Olive Township, Morris County, NJ*

Project Manager for the survey, design, permitting, and construction administration for the interconnection of the Tinc Farm, Goldmine, and Lynwood water systems. The project included hydraulic modeling to determine the size of the interconnecting mains and the location of pressure-reducing valves between existing water systems.

### **Water System Upgrades, Shore Owners Estates**

*Mahopac, Putnam County, NY*

Project Manager for the design and permitting of well house upgrades. The project included demolition of existing hydropneumatic tanks to be replaced with a new water storage tank, water booster pumps, and a smaller hydropneumatic tank.

### **Water Main Renewal Analysis, Jersey City Municipal Utilities Authority**

*Jersey City, Hudson County, NJ*

Project Engineer for a report on recommended water main renewals. The report included field testing, demand analysis, and hydraulic modeling to produce recommendations for capital improvement projects (CIP) and budgeting.

### **Small Diameter Water Main Renewal Alternative Materials and Technology Study, DC Water**

*Washington, D.C.*

Project Engineer for a study that detailed and analyzed available methods for the renewal of small diameter water mains. Water utilities were surveyed to obtain information on existing renewal technologies and materials.

### **Nanni-Doyle-Urich Water Connectivity Study**

*Plumstead Township, Bucks County, PA*

Project Manager for the preparation of a feasibility study for connecting the Nanni-Doyle-Urich sites to the Town water system. The project included the investigation of the possibility of connecting to an existing water main in US 611. This option was compared to the previous design of an on-site water system with wells. The study included recommendations for service options, approximate type and size of facilities needed for service, and preliminary costing.

### **Water System Feasibility Study, Cliffside Park Homeowner's Association (CPHA)**

*Cliffside Park Borough, Bergen County, NJ*

Project Engineer for a comprehensive evaluation of the existing CPHA water system, which consists of two production wells, a water filtration/treatment system, a converted water storage tank, approximately 4,250 LF of water mains, and 34 existing water services. Prepared a report detailing recommended system improvements with estimated costs.

### **Upper Elementary School Technical Managerial Financial (TMF) Report**

*North Hanover Township, Burlington County, NJ*

Project Manager for the preparation of a TMF report for the water system. The project involved submission to NJDEP and follow-up to receive approval.

### **Water System Study**

*Town of Marlborough, Ulster County, NY*

Engineer for a hydraulic analysis on the existing water system to determine necessary improvements to remedy problems in the system. A report was prepared detailing the analysis and recommending repairs to the system, as well as additional looping and a new ground tank location.

### **Asset Management Plan, South Branch Pumping Station, New Jersey Water Supply Authority**

*Clinton Township, Hunterdon County, NJ*

Project Engineer for the preparation of an asset management plan for the pumping station, which included inspection of the mechanical and process equipment as well as the preparation of a 10-year Capital Improvement Plan (CIP). Bid documents were prepared for the rehabilitation of the main raw water pumps, motors, and baseplates.

### **Utility Assessment, Brookdale Community College**

*Lincroft, Monmouth County, NJ*

As Potable Water Project Engineer, provided an analysis of the site utility systems including electrical, domestic and fire water, natural gas, heating, and chilled water distribution. The project also included a building system analysis of the College's Long Branch and Western Monmouth buildings.

### **Water System Asset Valuation**

*Mount Olive Township, Morris County, NJ*

Project Manager responsible for an Asset Valuation of the Township's water system. The project involved preparation of a report for the Township Council to evaluate sale of the Township-owned water system. The report detailed fixed costs of water system assets taking into account age and condition to get a present value.

### **Fixed Asset Valuation, Aqua New Jersey**

*City of Trenton, Mercer County, NJ*

Project Manager responsible for a fixed asset valuation of the Trenton Water Works' (TWW) outlying water systems. The project involved preparation of a report to assist the client with their bid for purchase of TWW's outlying water systems. The report detailed fixed costs of water system assets taking into account age and condition to get a present value, as well as a cost estimate for necessary water system improvements.

### **Water Application Reviews**

*Township of Livingston, Essex County, NJ*

Review applications for connection to the existing water system. Provide recommendations on new connections. Update water system hydraulic model and analyze new connections to ensure adequate pressure and fire flow.

### **Water Application Reviews, East Windsor Municipal Utilities Authority**

*East Windsor Township, Mercer County, NJ*

Review applications for connection to the existing water system. Provide recommendations on new connections. Update water system hydraulic model and analyze new connections to ensure adequate pressure and fire flow.

### **Derby Farms Hydraulic Water Modeling**

*Franklin Township, York County, PA*

Project Manager for the preparation of a hydraulic model for the proposed Derby Farms development. The Derby Farms development was evaluating water service from municipal water via a 12-inch diameter water main extension through an adjacent development.

### **Water Treatment Plant Improvements, Jersey City Municipal Utilities Authority**

*Jersey City, Hudson County, NJ*

Project Engineer for design, permitting, bidding, and construction administration for improvements and upgrades to the existing surface water treatment plant. Design included a new raw water meter, backwash supply system upgrades including a new backwash supply tank, upgrades and optimization for the existing backwash residuals disposal process, filter upgrades, and a new distributed control system. Prepared New Jersey Environmental Infrastructure Trust (NJEIT) financing application.

### **Well No. 11 Radionuclide Removal Facilities, Aqua New Jersey, Inc.**

*Hamilton Township, Mercer County, NJ*

Potable Water Project Engineer responsible for the review of design information provided by the client to provide permitting and construction documents for the integration and construction of a new treatment system and skid-mounted booster pumping station into the existing treatment plant.

### **Well No. 8 Radionuclide Pilot Plant and Treatment Facilities**

*Point Pleasant Borough, Ocean County, NJ*

Project Engineer responsible for the piloting of a radionuclide treatment system for the removal of radium and Gross Alpha constituents. The month-long pilot plant test was conducted at 1.5 gpm scale filtration rate with pre-, intermediate-, and post-filtration water sampling. Pilot plant results provided the Basis of Design for the full scale, 600 gpm radionuclide removal treatment system, consisting of two vertical in-series up-flow pressure filters. Existing facilities consisted of a shallow, Cohansey aquifer production well and treatment building, which contained pH control, disinfection, and booster pumping equipment. Radionuclide treatment equipment and appurtenances were meshed with existing on-site facilities via a building addition. Responsibilities included design, permitting, and construction management services. The design of the treatment system and the subsequent construction services were fast tracked to coincide with off-season demands during physical construction.

### **Elevated Water Storage Tank Rehabilitation**

*Point Pleasant Beach Borough, Ocean County, NJ*

Project Engineer for the tank evaluation, design specification preparation, and construction oversight for the rehabilitation of a 300,000-gallon elliptical spheroid elevated water storage tank. Lead abatement and containment techniques were required due to lead paint presence.

### **Turkey Brook Park Well**

*Mount Olive Township, Morris County, NJ*

Project Manager for the design, permitting, and construction administration of a new potable water supply well for the Township's Goldmine Water System. Work included conversion of an existing irrigation well to a potable well, and construction of a well building to house controls and chemical feeds.

### **Manhole Rehabilitation**

*Middletown Township, Monmouth County, NJ*

Project Manager/Inspector for approximately 90 sanitary sewer manholes in Basin 1 undergoing rehabilitation to remove Infiltration/Inflow (I/I) in the system.

### **Water Allocation Permit Renewal, DuPont**

*Sayreville Borough, Middlesex County, NJ*

Project Manager for the renewal of the Water Allocation Permit for the DuHerNal Water System as required by the NJDEP in order to maintain this water allocation. Services included submitting a renewal application to the Bureau of Water Allocation along with any associated materials.

### Key Staff



Anthony LaRosa, PE, CME

Principal / Northeast Regional Manager Water Wastewater

Mr. LaRosa has over three decades of experience with complex public water systems including the City of Philadelphia Water Department's infrastructure. He specializes in potable water distribution and transmission main design, combined and separate sewer collection systems, as well as green stormwater infrastructure (GSI) design.

Additional experience includes roadway design and rehabilitation, flood relief projects, parks and recreation improvements, water treatment plants, water supply wells, and sewage pump stations. Specific projects have included engineering and consulting services for: stormwater relief tunnels, in-situ sanitary sewer rehabilitation, replacement of large diameter raw and potable water transmission main flow meters, potable water distribution lines, and CSO chamber upgrades and intercepting sewer pipe replacement. Mr. LaRosa earned a B.E. in Civil Engineering and a B.E. in Architectural Engineering from Drexel University.



Ronald B. Madison, PE

Senior Associate / Senior Project Manager

Mr. Madison has three decades of civil and environmental engineering experience managing municipal, private, commercial, and industrial projects including conceptual planning and design for new projects, as well as overseeing engineering phases including municipal permitting and approvals, construction, and facility start-up. He has extensive experience managing all aspects of capital improvements projects, as well as all aspects of municipal reviews and public projects. Mr. Madison also provides engineering consultation and support to numerous utility authorities, private industry, and residential, commercial, and industrial land developers, and has provided representation for public meetings as liaison between general public, developers, and government agencies. Mr. Madison's expertise includes the design of utility systems including water distribution and wastewater collection and conveyance systems, and water and wastewater treatment facilities. He manages Act 537 sewage facility plan updates for municipalities, and his stormwater management experience includes BMP facilities and Act 167 stormwater modeling for infiltration, detention, and retention, as well as HEC-RAS floodplain analysis and E&S control planning. Mr. Madison earned a B.S. in Civil Engineering, an M.S. in Civil/Environmental Engineering, and an M.B.A., all from Lehigh University.



John J. McKelvey, PE

Project Manager

Mr. McKelvey has 36 years of experience in the water and wastewater engineering field. His responsibilities include managing and planning projects, preparation of plans and specifications, permit applications, contract administration, and oversight of construction inspection. He has extensive experience in design of sewer and water utility projects, pump stations, and wastewater treatment plant upgrades. He also has experience with infiltration/inflow evaluations including flow metering, physical investigation, and preparation of rehabilitation plans and has been involved in the design of numerous infiltration/inflow evaluation and

## Water/Wastewater Services

rehabilitation projects. Mr. McKelvey earned a B.S. degree in Civil Engineering from the University of Notre Dame.



James F. McGoldrick, PE

### Senior Technical Specialist

Mr. McGoldrick is an industry veteran with over three decades of extensive experience in the preparation of studies and reports, and the design, permitting, public bidding and construction administration services within multiple disciplines of wastewater engineering. His depth of expertise includes feasibility studies, conceptual design layout, preliminary and final design, cost estimation, environmental permitting, emergency and public bidding, and construction observation / management. He is well-versed in all aspects of sanitary sewer rehabilitation, repair, replacement technologies as well as various types of sanitary, storm, combined sewer and natural gas linear design and construction. Mr. McGoldrick has joined the firm to serve as a technical specialist for the firm's wastewater design and construction projects, and his current responsibilities include project and work task scheduling, technical review of studies, reports, plans and specifications, quality assurance, and quality control.



Michael Assante, PE

### Senior Project Manager

Mr. Assante has over 13+ years in water and wastewater utility operations management and engineering roles. This experience includes managing water and wastewater utilities and contract operations in New Jersey and Colorado with customer bases between 25,000 – 1,000,000 people. These roles included managing operations, customer service and metering and administrative teams, developing and managing annual operational and capital budgets ranging between \$2 million and \$15 million and managing state and federal water and wastewater system regulatory and compliance-based responsibilities.

Mr. Assante has a background in hydraulic modelling and master planning, pump station design and performing hydraulic assessments and efficiency improvements for potable water distribution systems. This experience has included smart technology evaluation and deployment in water distribution and wastewater collection systems, business support software rollout and management (AMI metering infrastructure and software, SCADA, water quality databases and accounting software).





Engineering  
& Design

4



Engineering  
& Design

# Section 4

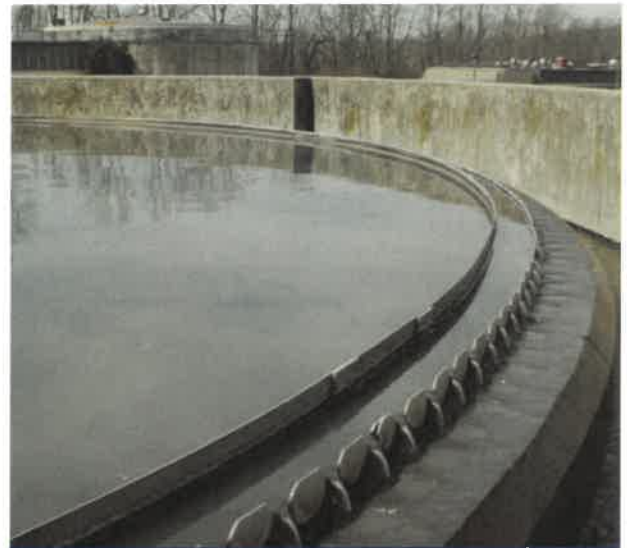
## Project Experience

# Water/Wastewater Engineering

**Providing communities with safe, consistent, water and wastewater distribution, collection, and treatment.**

Water and wastewater management presents unique challenges from environmental, health and economic issues, to regulatory concerns. Our water management experts comprehend these complexities and apply their expertise in all areas of feasibility, design and master planning taking into consideration the value of water as a precious natural resource. Our qualified professionals develop creative and effective solutions for any water management project and are dedicated to ensuring that communities are provided with safe, consistent, water and wastewater distribution, collection, and treatment.

We employ the latest technological advances and regulatory updates that are essential for proper ongoing water management and paramount to the successful daily management, future growth, and overall wellbeing of our surrounding communities.



- Asset Management & Master Planning
- Capital Improvements & System Maintenance Planning
- Design of Public & Private Water and Wastewater Facilities
- Design of Pumping & Meter Facilities
- Design of Sewer Collection & Water Distribution Systems
- Inflow/Infiltration Studies
- Distribution System Modeling
- Regulatory Permitting & Compliance
- Construction Inspection & Administration
- Sludge Management & Disposal
- Hydrogeologic Investigations
- Grants & Funding Assessments
- User Rate Studies
- Environmental Assessments
- Subsurface Soil Investigations
- Structural Design

**Colliers** Engineering & Design

# Construction Project Management

A closely engaged advocate, on-site regularly, can have a tremendous impact on the final quality and cost of a project.

We act as your partner throughout project development from early feasibility studies to project completion. Our tailored approach guides every phase of your venture to deliver an end-result that is on-time and on-budget.

Colliers Engineering & Design provides Construction Project Management services to private and public clients for building projects located throughout the NJ/NY/PA area. Our services have assisted owners in the proper construction administration of building projects including healthcare, hospitality, education, commercial/retail, industrial, fire stations, police stations, and town halls. We differentiate ourselves through our construction, forensic, engineering, environmental, and architectural resources, which adds value to all phases of your project.



- Define Project Objectives
- Assist in Site Evaluations & Acquisitions
- Develop Conceptual/ Preliminary Budget
- Prepare Conceptual Milestone Schedule
- Assist Design Team Selection
- Project Scope Development
- Cost Estimating & Value Engineering
- Constructability Review
- Life Cycle Cost Analysis
- Design Team & Project Team Management
- Pre-qualification/Selection of Contractors
- Bid Preparation & Analysis
- Contract Negotiations
- Permit Assistance
- Schedule & Cost Management
- QA/QC & Change Order Review
- Project Close-out & Oversight

**Colliers** Engineering & Design

## Experience

### New Jersey – Municipal

#### Jersey City Municipal Utilities Authority, Hudson County, NJ

- **Interconnection Study**  
Studied available water supplies to JCMUA and modeled outage scenarios using WaterCAD to determine potential alternative supply of 30 MGD. Performed a series of interconnection tests between the JCMUA's water distribution system and adjacent systems as part of a condition assessment. Generated an evaluation report that summarized field work, modeling results and recommended improvements to increase reliability and viability of alternative water supply sources.
- **Phase 3 & 4 Water Main Replacement**  
Preparation of engineering plans and technical specifications and procure permits for the replacement of approximately 10,000 LF of water mains within Jersey City. Assisted the MUA in an application to the State of New Jersey to obtain New Jersey Environmental Infrastructure Trust Funding for the project. Our professionals will provide bid phase, contract administration, and inspection services for the project.
- **Phase 6B Sewer and Water Main Replacement**  
Preparation of engineering plans and technical specifications and procure permits for the replacement of approximately 19,000 LF of sanitary sewer mains and 8,000 LF of water mains within Jersey City. Assisted the MUA in an application to the State of New Jersey to obtain New Jersey Environmental Infrastructure Trust Funding for the project. Our professionals will provide bid phase, contract administration, and inspection services for the project.
- **Sanitary Sewer Lining at Light Rail Locations**  
Preparation of engineering plans and technical specifications for the lining of four locations where sanitary sewer runs below the Light Rail. Assisted the MUA in an application to the State of New Jersey to obtain New Jersey Environmental Infrastructure Trust Funding for the project. Our professionals will provide bid phase, contract administration, and inspection services for the project.

#### Town of Allamuchy, Warren County, NJ

- **Water Tank Replacement Project**  
Project scope included the erection of a glass fused to steel ground storage tank with an approximate capacity of 500,000 gallons alongside the demolition of the existing steel welded potable water storage tank. As part of this project, prepared the design plans and specifications, construction administration and observation, and obtained all necessary permits to complete the full project scope. The services provided by CED included efforts from the Water/Wastewater, the Geotechnical, and the Structural departments. The proposed design prepared by CED provided the Township with the ability to operate their potable water system uninterrupted throughout the construction phase of the project.
- **Water System Asset Management Plan**  
An evaluation of the water supply, treatment, and distribution system was performed and an Asset Management Plan Report was prepared to meet the NJDEP Water Accountability Act. A capital improvement plan and maintenance recommendations were also included in the report.

## Water Infrastructure Projects

- **Water Main Replacement Project (Phase 2)**

Preparation of engineering plans and technical specifications and procured permits for the replacement of approximately 14,400 linear feet of water mains within the Panther Valley Planned Development. Assisted the Township in an application to the State of New Jersey to obtain New Jersey Environmental Infrastructure Trust Funding for the project. Provided contract administration and inspection services for the project. *Received two (2) awards from the New Jersey Society of Municipal Engineers - Municipal Project of the Year and Second Place for Construction Project Management.*
- **Water Main Replacement (Phase I)**

Preparation of plans, specifications, permit applications and Application for Funding from the NJ Environmental Infrastructure Trust as well as construction administration and observation for replacement of approximately 7,500 LF of 8", 10" and 12" water pipe.
- **Fire Protection Water Main - Rutherford Estates**

Preparation of plans, specifications and permit applications for a water main extension and fire hydrants to provide fire protection. The project includes approximately 8,000 LF of 8" and 12" water pipe, fire hydrants, and associated appurtenances.
- **Water Main Interconnection**

Submission of application to the NJDEP to obtain a low-interest \$300,000 loan to construct an interconnection between the Pequest and Village of Allamuchy Water Systems. Preparation of a feasibility study to determine best route for new water main between the two systems across Interstate Route 80. Preparation of design plans and permit applications for construction of the interconnector and provide construction administration and inspection services. The project included approximately 6,000 LF of water main, including a bridge crossing of Route 80 and a pressure reducing valve chamber.
- **Replacement of Well Pumps No. 2 and 3**

Preparation of plans, specification and permit applications for replacement of pumps in two municipal wells to increase pumping capacity. Permits included NJDEP Water Allocation, Highlands Approval, and NJDEP Safe Drinking Water.
- **Water/Sanitary Sewer System Studies**

Preparation of studies of existing water and sanitary sewer systems to assess their existing condition, determine the additional demands that will be placed upon these systems in the future due to development, and determine improvements that will have to be made to accommodate future development. Master plans have been completed for the Planning Board and Township Council. Studies were prepared to be used as a guide for future improvements to the system.
- **Purchase of Pequest Sanitary Sewer and Water Systems**

Evaluate all existing facilities and improvements, including, but not limited to, wells, treatment facilities and pumping stations, perform field surveys of all properties owned by the Pequest Water and Sewer Companies, and prepare report with comments on the condition of the existing improvements and recommendations on improvements to be made in the future as part of the Township's review prior to the purchase of the Pequest Sanitary Sewer and Water Systems with State Wastewater Trust Fund moneys. Obtained funding from the New Jersey Wastewater Trust for system acquisition.

# Water Infrastructure Projects

## **Twenty Year Infrastructure Master Plan**

### **FAA William J. Hughes Technical Center, Atlantic City International Airport, Atlantic City, NJ**

Task manager for evaluation of sanitary sewer and domestic water system infrastructure assets serving the entire WJHTC campus. The project involved fluid and desktop elevation of sanitary sewers, manholes and pump stations on the wastewater side and fire hydrants, storage and water supply and treatment. Based on the infrastructure evaluation a 20 year master plan was developed including various projects to repair or upgrade the systems where needed.

## **Borough of Matawan, Monmouth County, NJ**

### **Sutkin Place, Union Street, Orchard Street & Sutton Drive**

Preparation of plans and specifications, and construction observation and administration services for replacement of 4,300 LF of 8" water main pipe and associated valves, hydrants and services. The construction cost including road reconstruction was \$1.6M.

## **Sea Isle City, Cape May County, NJ**

### **Rehabilitation & Repainting of Existing 400,000 Gallon Water Storage Tank**

Prepared plans and specifications for the structural repairs and painting of the elevated water storage tank. Construction administration and inspection was performed by Maser Consulting and MBA (Mumford-Bjorkman Associates, Inc.).

## **Borough of Englishtown, Monmouth County, NJ**

### ▪ **Englishtown Borough Water Treatment Plant**

Preparation of plans and specifications for the complete rebuild of Englishtown Borough Water Treatment Plant, refurbish existing 150,000 gallon elevated water storage tank, and construction of new 300,000 gallon elevated water storage tank.

### ▪ **Water System Master Plan and System Improvements**

Preparation of computer model of the water system, design, contract administration, and observation for construction and/or rehabilitation of the water treatment plant, wells, storage tanks and mains. As part of the Planning Board reviews, Maser Consulting performed analysis of existing systems to recommend appropriate off-site improvements.

## **Borough of Bloomsbury, Hunterdon County, NJ**

### ▪ **Water System Evaluation**

Performed an evaluation of the water system to determine improvements required to increase water supply for proposed new development.

### ▪ **Water Storage Tank Inspection**

Performed an inspection of the water storage tank and prepared a report including recommendations for required repairs or replacement of the tank.

### ▪ **Contract Documents for Sale of the Water System**

Prepared specifications and contract documents for the sale of the Borough owned water system to a private water company.

## **Jackson Township Municipal Utilities Authority**

### **Western Water Main Extension**

Preparation of engineering plans, specifications and permit applications for the installation of approximately 27,354 LF of 16" diameter water mains and a booster station to provide fire flows and pressures. The project includes two horizontal directional drills to cross a stream and cross Highway

## Water Infrastructure Projects

I-195. Our scope includes an application to the State of New Jersey to obtain New Jersey Environmental Infrastructure Trust Funding for the project. The estimated construction cost was \$6.2M.

### **Township of Belleville, Essex County, NJ**

- **Advanced Water Metering Infrastructure Project**

Preparation of contract documents, construction inspection and administration services for the replacement of water meters in the Township with new meters and an advanced water metering read system with an antenna and controls. There were approximately 7,800 meters replaced and the total construction cost was approximately \$2.8 million.

- **Water System Improvement Project**

A \$425,000 water system improvement project in Belleville, which included replacement of existing water main, pressure reducing valves, valves and hydrants as well as relining of existing water main, was completely funded by a Community Development Block grant.

### **Borough of Atlantic Highlands, Monmouth County, NJ**

#### **Water System Improvements**

Design, permitting and construction inspection services for the replacement of 3,090 LF of 8" water mains.

### **Township of Blirstown, Warren County, NJ**

#### **Sunset Hill Road Water Main Replacement**

Studied existing water main between Route 521 and the water treatment plant on East Kill Road to determine the reason for water discoloration and other problems in this area of Blirstown and prepared report with improvement alternatives, including cost estimates. Prepared design plans, specifications, and contract documents and procured permits and approvals from government agencies with jurisdiction for the phased replacement of the Sunset Hill Road water main.

## **New York - Municipal**

### **Town of Marlborough, Ulster County**

#### **Analysis and Evaluation of Water System Facilities**

Analysis and evaluation of water system facilities including Hardy Cross computer analysis of current and future demand requirements, fire hydrant flow tests, evaluation of existing and future supply, treatment, storage and distribution facility requirements and analysis of any deficiencies or operational problems with current facility.

### **City of White Plains, Westchester County**

- **30" Water Transmission Main - Phase II**

Prepared plans, specifications and DOH permit application for approximately 1,600 feet of 30-inch water transmission main in Ferris Avenue. Services includes site inspection, topographic survey, utilities location, ROW survey, construction cost estimate, maintenance and protection of traffic plans, and regulatory permitting (NYS Department of Health).

- **Conversion Gaseous Chlorine Disinfection System**

Professional services to prepare plans, specifications and Department of Health permit application for the conversion of gaseous chlorine disinfection to liquid chlorine disinfection at CAPS, chlorine pump and tank replacements at OSPS, replacement of existing sodium hypochlorite metering pumps with vacuum type liquid doser, and day tank replacement.



## Water Infrastructure Projects

- **Water Main Design/Court Street**  
Professional engineering and surveying services associated with the construction of a 12" water main 600 LF in length in Court Street from Main Street to Hamilton Avenue. Services included site inspection of routes, topographic, utilities and ROW surveys; construction plan and detail drawings, maintenance and protection of traffic plan, and regulatory permitting (NYS Department of Health).
- **Water Main Design/Martine Avenue**  
Professional engineering and surveying services associated with the construction of a 12" water line approximately 1,250 LF in length in Martine Avenue from Mamaroneck Avenue to South Broadway. Services included site inspection of proposed route, topographic, utilities and ROW surveys; construction plan and detail drawings, maintenance and protection of traffic plan, and regulatory permitting (NYS Department of Health).

### Private Projects - New Jersey / New York

#### **Off-Site Water Facilities/Old York Road Development**

##### **Bordentown, Gloucester County, NJ**

Design of the off-site and sanitary sewer improvements which include design of water main extension for the development frontage along Old York Road to the existing 12" water main near the intersection within Rising Sun Road (approximately 2,850 LF), and a low-pressure sanitary sewer system to serve the proposed development including an off-site force main to the existing gravity sanitary sewer system in Rising Sun Road (approximately 3,175 LF). Other services included topographic survey and regulatory permitting (NJDEP water and sanitary sewer extensions, soil conservation, City of Bordentown Water Department, and Bordentown Township Sewerage Authority).

#### **Water System Analysis for Mixed Use Development**

##### **Bordentown, Gloucester County, NJ**

Water system analysis involved an investigation into alternative improvements required to the water system into which the subject property could be connected. The analysis will include an evaluation of conceptual design layouts and facilities, preliminary cost estimates, limits and restrictions, and other pertinent information relative to the feasibility of various improvements. The analysis resulted in the design of off-site water system to extend water main from the frontage of development at Route 130 to an existing 8" water main in Amboy Road near the intersection with Stanton Avenue (approximately 1,250 LF). Other services included topographic survey of water main routing that includes crossing US Route 130 and Unite New Jersey Railroad crossing; and regulatory permitting (NJDEP water extension, NJDOT utility opening, soil conservation and county/local planning boards).

#### **Water System Analysis**

##### **South Orange, Essex County, NJ**

Professional engineering services associated with the revision to the existing water system report and computer analysis of the Mountain Service Area of the South Orange Village water system for a proposed 64 duplex and/or triplex units and six single-family homes. The evaluation is based upon connections for looping of the new development system to the existing system.

# Water Infrastructure Projects

## **Design of Water System**

### **NJ American Water, Bedminster & Bernards Townships, Somerset County, NJ**

Design of the Hills Development Water System to serve approximately 400,000 SF of commercial and professional office space, and a planned 18-hole golf course with clubhouse facilities. Responsibilities included preparation of a master plan report for the water system, preparation of computer simulations with four different pressure gradients used for design of on-site water system facilities, design of two 750,000-gallon water storage tanks, two high service booster pump stations rated at approximately 2 & 3 MGD respectively, three pressure reducing valve stations interconnecting the various pressure zones, and miles of water mains serving the development. Services provided also included contract administration and observation of construction.

## **Water Supply Well #7**

### **Shorelands Water Company, Hazlet, Monmouth County, NJ**

Civil engineering and architectural services for a new water supply well #7 and building to be located where the pilot hole was previously drilled. Other services included, topographic survey and base map preparation, site plan, site dimension plan, grading, utility, and drainage plans; drainage report, and regulatory permitting.

## **Water Treatment System Design**

### **McGraw Hill Data Center, East Windsor, Mercer County, NJ**

The project included design of a 130 gpm water treatment system to remove manganese and iron from well water to be used in a cooling tower, including treatment equipment, storage tank and pump, and chemical feed equipment and piping. The construction cost was \$300,000.

## **Water Main Extension**

### **Ciba Specialty Chemicals, Tarrytown, Westchester County, NY**

Professional engineering services for the extension of 2,000 LF of water main to an existing chemical facility. Services included a fire suppression system, pump station design, soil erosion plan, topographic, boundary and construction stake out surveys, and construction inspection.

## **Condominium Development**

### **Marlborough, Ulster County, NY**

Professional engineering services to perform a water system analysis for a proposed development of 137 condominium units that requires rezoning of property and an expansion of sewer district. Services included investigation of water system improvements required to serve development; analysis of conceptual design layouts and facilities; preliminary cost estimates; review of limits and restrictions; three (3) fire hydrant flow tests of the existing water system to obtain actual flow and pressure data; evaluation of system demands; and review and evaluation of the proposed development plans, existing water system plans and reports, design requirements, existing topographic information and hydrant flow test data.

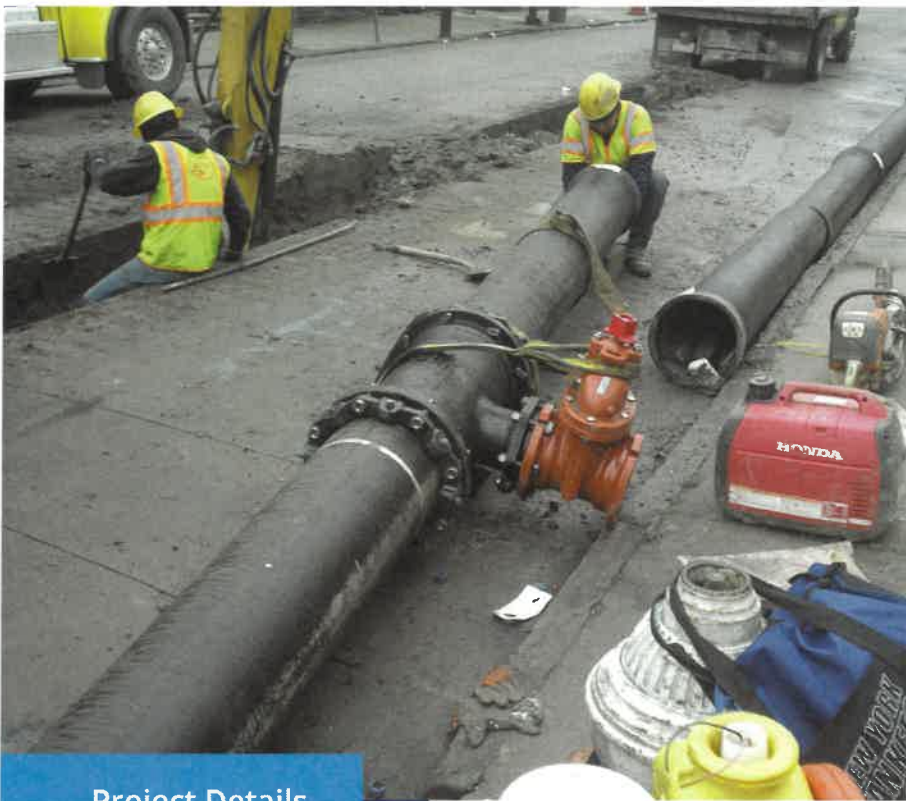
## **Water Supply Booster Pumping Station**

### **New Windsor, Orange County, NY**

Professional engineering services for the design of a water treatment and water booster station in an above grade building associated with the site design and civil engineering services for the proposed subdivision of approximately 50-acres for the development of 311 townhouse units. Services included design documents for plans, profiles, sections and written specifications for the required treatment equipment, storage tank, pumps, valves, gauges, pipe and fittings; plans and specifications for the

## Water Infrastructure Projects

installation of the booster pump including site grading, concrete pad design, site piping design and electrical service connection design; design of a above grade building to house a natural gas powered standby generator, design of pump station and pumps for sufficient capacity to provide for peak domestic flows and required fire flows including a small "jockey pump" for low flow periods.



## Project Details

### Client

Jersey City Municipal  
Utilities Authority

### Completion Date

Ongoing

### Construction Costs

\$5,000,000

### Services

Construction  
Engineering &  
Inspection, Grants  
& Funding Services,  
Permitting, Water  
Engineering

## Jersey City Water System Improvements

### Jersey City, NJ

Colliers Engineering & Design professionals are providing design, permitting, NJEIT funding application, and bid and construction services for various water main replacements within Jersey City, totaling approximately 9,500 LF. The water main replacements are associated with the ongoing Phase 3 and 4 sanitary sewer rehabilitation project. Since these streets are being disturbed by sanitary sewer gravity main rehabilitation and replacement, it is important to complete critical water distribution infrastructure improvements prior to final paving of these roadways. A majority of the water mains are old 6" cast iron water mains and will be replaced with 8" ductile iron water mains.

This project has an accelerated schedule, since the Phase 3 and 4 sewer work has already begun construction. Coordination with the sanitary sewer Phase 3 and 4 project and with other utilities is an important aspect of the project. Permitting includes a NJDEP BSWE permit and a SESC permit. Full-time inspection and construction administration are also included in this project.



## Project Details

### Client

Allamuchy Township

### Completion Date

2013

### Services

Construction  
Engineering &  
Inspection, Water/  
Wastewater Engineering

## Allamuchy Water Main Replacements

### Township of Allamuchy, NJ

Colliers Engineering & Design provided design services and construction administration for several water main replacement projects in the Township of Allamuchy. Projects have included:

- Replacement of approximately 22,000 LF of water mains within the Panther Valley Planned Development.
- Replacement of approximately 7,500 LF of 8", 10", and 12" water pipe.
- Replacement of 8,000 LF of 8" and 12" water pipe for a water main extension and fire hydrants to provide fire protection at Rutherford Estates.
- Replacement of a water bridge crossing of Route 80 that was damaged by a truck accident.



## Project Details

### Client

USA Architects Planners  
+ Interior Designers

### Completion Date

2017

### Construction Costs

\$1,100,000

### Services

Geotechnical  
Engineering,  
Water/Wastewater  
Engineering, Survey

## Voorhees High School Drinking Water Glen Gardner Boro, NJ

Voorhees High School and its existing drinking water system were built in the mid-1970s. The 40-year-old drinking water system was comprised of four components: a water supply well; a below-grade 20,000 gallon precast concrete storage tank; an above-grade 32' x 12' steel building for the booster pumps and controls; and a chemical feed system. The high school was in need of a replacement system that was easy to operate and could be constructed without interrupting its water supply service.

As a subconsultant to USA Architects (the School District Architect), our professionals provided comprehensive engineering services to design a new drinking water system for the high school, with services including topographic surveying, soil borings and geotechnical evaluation, and water/wastewater engineering. We also coordinated with a subconsultant to provide electrical/SCADA engineering. The design includes an above-grade booster pump station with variable speed control vertical turbine pumps and a separate chemical feed room for water treatment of pH adjustment and disinfection. A new electrical service to the pump station was provided with a dedicated emergency generator. The new system was constructed adjacent to the existing water system and was fully tested prior to change-over water service to the high school. After change-over, the existing water system equipment was removed and the below-grade vault filled in.



Engineering  
& Design

5



## Section 5

Schedule of  
Hourly Rates



**Morris County Municipal Utilities Authority, New Jersey**  
**Rates are effective February 12, 2025, to February 10, 2026**

**Technical Staff Rates**

Billing Titles	Hourly Rates
Technical Director	215.00
Project Manager	210.00
Senior Project Specialist	200.00
Project Specialist	195.00
Technical Professional	190.00
Technical Specialist	185.00
Specialist	180.00
Senior Data Technician	170.00
Senior Technical Assistant	160.00
Technical Assistant	150.00
Data/Field Technician	135.00
Survey Crew – 1 Person w/Robotic Equipment	190.00
Additional Survey Crew Member	80.00
SUE Crew (designating) – 1 Person	155.00
Additional (designating) Member	80.00
SUE Crew (locating) – 2 Person	210.00
Additional (locating) Member	80.00
Expert Witness	425.00
Sr. LSRP (NJ Only)	320.00
LSRP (NJ Only)	275.00

**Reimbursable Expenses**

General Expenses	Cost + 20%
Travel (Hotel, Airfare, Meals)	Cost + 20%
Sub-Consultants/Sub-Contractors	Cost + 20%
Plotting	4.50 / Each
Computer Mylars / Color Plots	100.00 / Each
Photocopies	0.19 / Each
Color Photocopies	2.05 / Each
Document Binding	4.05 / Each
Portable Media	100.00 / Each
Exhibit Lamination (24" x 36" or larger)	90.00 / Each
Initial Digital Signature	300.00
Additional Digital Signatures	75.00 / Each
Mileage Reimbursement*	0.625 / Per Mile
	Field Vehicle 0.70 / Per Mile

\*Mileage reimbursement subject to change based upon IRS standard mileage rate.



Engineering  
& Design



Engineering  
& Design

## Section 6

Required Forms & Certificates

# MORRIS COUNTY MUA

## *Administrative Documents*

A. Please submit the following documents with your response to the RFP

Owner's Checkmarks		Bidder's Initials
X	Statement of Ownership Disclosure	nz
X	Non-Collusion Affidavit	ny
X	Disclosure of Investment Activities In Iran	ny
X	Certification of Non-Involvement in Prohibited Activities in Russia or Belarus	ny
X	Affidavit of Non-Debarred Status	ny
X	Affirmative Action Compliance Notice	mz
X	Mandatory EEO Language	mz
X	Americans with Disability Act of 1990 Form	nz
X	Anti-Discrimination Requirements	mz
X	Pay to Play Advisory Notice	nz
X	Certificate of Employee Information Report/AA-302	mz
X	W-9	mz
X	New Jersey Business Registration Certificate	mz
X	Proposal (document not provided)	nz

# MORRIS COUNTY MUA

## Statement of Ownership Disclosure

N.J.S.A. 52:25-24.2 (P.L. 1977, c.33, as amended by P.L. 2016, c.43)

This statement shall be completed, certified to, and included with all bid and proposal submissions. Failure to submit the required information with the bid is cause for automatic rejection of the bid or proposal.

**Name of Organization:** Colliers Engineer & Design, Inc. (DBA Maser Consulting)

**Organization Address:** 101 Crawfords Corner Road, Suite 3400, Holmdel, NJ 07733

### **Part I** Check the box that represents the type of business organization:

- Sole Proprietorship (skip Parts II and III, execute certification in Part IV)
- Non-Profit Corporation (skip Parts II and III, execute certification in Part IV)
- For-Profit Corporation (any type)     Limited Liability Company (LLC)
- Partnership     Limited Partnership     Limited Liability Partnership (LLP)
- Other (be specific): \_\_\_\_\_

### **Part II**

- The list below contains the names and addresses of all stockholders in the corporation who own 10 percent or more of its stock, of any class, or of all individual partners in the partnership who own a 10 percent or greater interest therein, or of all members in the limited liability company who own a 10 percent or greater interest therein, as the case may be. **(COMPLETE THE LIST BELOW IN THIS SECTION)**

OR

- No one stockholder in the corporation owns 10 percent or more of its stock, of any class, or no individual partner in the partnership owns a 10 percent or greater interest therein, or no member in the limited liability company owns a 10 percent or greater interest therein, as the case may be. **(SKIP TO PART IV)**

(Please attach additional sheets if more space is needed):

Name of Individual or Business Entity	Address
The Colliers Group, Inc.	666 Fifth Avenue, New York, NY 10103

# MORRIS COUNTY MUA

## Statement of Ownership Disclosure

### **Part III DISCLOSURE OF 10% OR GREATER OWNERSHIP IN THE STOCKHOLDERS, PARTNERS OR LLC MEMBERS LISTED IN PART II**

If a bidder has a direct or indirect parent entity which is publicly traded, and any person holds a 10 percent or greater beneficial interest in the publicly traded parent entity as of the last annual federal Security and Exchange Commission (SEC) or foreign equivalent filing, ownership disclosure can be met by providing links to the website(s) containing the last annual filing(s) with the federal Securities and Exchange Commission (or foreign equivalent) that contain the name and address of each person holding a 10% or greater beneficial interest in the publicly traded parent entity, along with the relevant page numbers of the filing(s) that contain the information on each such person. **Attach additional sheets if more space is needed.**

Website (URL) containing the last annual SEC (or foreign equivalent) filing	Page #'s
<a href="https://www.sedarplus.ca/csa-party/records/document.html?id=556c4b91b377614d2d892afa54b6a5c48f7587af3cb6b51b4b488363e028dc7d">https://www.sedarplus.ca/csa-party/records/document.html?id=556c4b91b377614d2d892afa54b6a5c48f7587af3cb6b51b4b488363e028dc7d</a>	46

**Please list** the names and addresses of each stockholder, partner or member owning a 10 percent or greater interest in any corresponding corporation, partnership and/or limited liability company (LLC) listed in Part II other than for any publicly traded parent entities referenced above. **The disclosure shall be continued until names and addresses of every noncorporate stockholder, and individual partner, and member exceeding the 10 percent ownership criteria established pursuant to N.J.S.A. 52:25-24.2 has been listed. Attach additional sheets if more space is needed.**

Stockholder/Partner/Member and Corresponding Entity Listed in Part II	Address

### **Part IV Certification**

I, being duly sworn upon my oath, hereby represent that the foregoing information and any attachments thereto to the best of my knowledge are true and complete. I acknowledge: that I am authorized to execute this certification on behalf of the bidder/proposer; that the **Morris County Municipal Utilities Authority** is relying on the information contained herein and that I am under a continuing obligation from the date of this certification through the completion of any contracts with **Morris County Municipal Utilities Authority** to notify the **Morris County Municipal Utilities Authority** 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, and if I do so, I am subject to criminal prosecution under the law and that it will constitute a material breach of my agreement(s) with the, permitting the **Morris County Municipal Utilities Authority** to declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print):	Michele Zorzi	Title:	Principal
Signature:		Date:	January 7, 2025

# MORRIS COUNTY MUA

## Non-Collusion Affidavit

STATE OF NEW JERSEY

MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY ss:

I certify that I am Principal

of the firm of Colliers Engineering & Design, Inc. (DBA Maser Consulting)

the Respondent making this Proposal for the bid or proposal for the above named project, that I executed the said proposal with full authority to do so; that said bidder has not, directly or indirectly entered into any agreement, participated in any collusion in connection with the above named project; and that all statements contained in said proposal and this affidavit are true, correct, and made with full knowledge that the Morris County Municipal Utilities Authority relies upon the truth of the statements contained in said Proposals and in the statements contained in this affidavit in awarding the contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, except bona fide employees or bona fide established commercial or selling agencies.

Signature of Representative: \_\_\_\_\_




Michele Zorzi, Principal

Subscribed and sworn to before me this 7th day of January, 202025

Print Name of Affiant: \_\_\_\_\_

Michele Zorzi

Notary Public of \_\_\_\_\_

  
My commission expires March 4, 2026

**LISA A. GAROFANO**  
**NOTARY PUBLIC OF NEW JERSEY**  
My Commission Expires March 4, 2026



# MORRIS COUNTY MUA

## Disclosure of Investment Activities in Iran

Pursuant to Public Law 2012, c. 25, any person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must complete the certification below to attest, under penalty of perjury, that the person or entity, or one of the person or entity's parents, subsidiaries, or affiliates, is not identified on a list created and maintained by the Department of the Treasury as a person or entity engaging in investment activities in Iran. If the Director finds a person or entity to be in violation of the principles which are the subject of this law, s/he shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the person or entity.

I certify, pursuant to Public Law 2012, c. 25, that the person or entity listed for which I am authorized to bid/renew:

Bidder/Offeror: Colliers Engineering & Design, Inc. (DBA Maser Consulting)

- is not providing goods or services of \$20,000,000 or more in the energy sector of Iran, including a person or entity that provides oil or liquefied natural gas tankers, or products used to construct or maintain pipelines used to transport oil or liquefied natural gas, for the energy sector of Iran; is not a financial institution that extends \$20,000,000 or more in credit to another person or entity, for 45 days or more, if that person or entity will use the credit to provide goods or services in the energy sector in Iran.

**In the event that a person or entity is unable to make the above certification because it or one of its parents, subsidiaries, or affiliates has engaged in the above-referenced activities, a detailed, accurate and precise description of the activities must be provided in part 2 below to the Division of Purchase under penalty of perjury. Failure to provide such will result in the proposal being rendered as non-responsive and appropriate penalties, fines and/or sanctions will be assessed as provided by law.**

### PART 2: PLEASE PROVIDE FURTHER INFORMATION RELATED TO INVESTMENT ACTIVITIES IN IRAN

You must provide, accurate and precise description of the activities of the bidding person/entity, or one of its parents, subsidiaries or affiliates, engaging in the investment activities in Iran outlined above by completing the boxes below.

Name: \_\_\_\_\_ Relationship to Bidder/Offeror: \_\_\_\_\_

Description of Activities: \_\_\_\_\_

Duration of Engagement: \_\_\_\_\_ Anticipated Cessation Date: \_\_\_\_\_

Bidder/Offeror Contact Name: \_\_\_\_\_ Contact Phone Number: \_\_\_\_\_

**Certification:** I, being duly sworn upon my oath, hereby represent and state that the foregoing information and any attachments thereto to the best of my knowledge are true and complete. I attest that I am authorized to execute this certification on behalf of the above-referenced person or entity. I acknowledge that Town/ Township/ Borough/Government Agency 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 MCMUA to notify the MCMUA in writing of any changes to the answers of 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 agreement(s) with Morris County Municipal Utilities Authority, New Jersey and that the MCMUA at its option may declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print): Michele Zorzi Signature: 

Title: Principal Date: January 7, 2025



# MORRIS COUNTY MUA

## Certification of Non-Involvement in Prohibited Activities in Russia or Belarus

Pursuant to N.J.S.A. 52:32-60.1, et seq. and N.J.S.A.40A:11-2.2 (L. 2022, c. 3) any person or entity (hereinafter "Vendor") that seeks to enter into or renew a contract with a local contracting unit subject to the Local Public Contracts Law for the provision of goods or services, or the purchase of bonds or other obligations, must complete the certification below indicating whether or not the Vendor is identified on the Office of Foreign Assets Control (OFAC) Specially Designated Nationals and Blocked Persons list, available here: <https://sanctionssearch.ofac.treas.gov/>. If the Department of the Treasury finds that a Vendor has made a certification in violation of the law, it shall take any action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party.

I, the undersigned, certify that I have read the definition of "Vendor" below, and have reviewed the Office of Foreign Assets Control (OFAC) Specially Designated Nationals and Blocked Persons list, and having done so certify

(Check the Appropriate Box)

- A. That the Vendor is not identified on the [OFAC Specially Designated Nationals and Blocked Persons list on account of activity related to Russia and/or Belarus.](#)
- OR**
- B. That I am unable to certify as to "A" above, because the Vendor is identified on the [OFAC Specially Designated Nationals and Blocked Persons list on account of activity related to Russia and/or Belarus.](#)
- OR**
- C. That I am unable to certify as to "A" above, because the Vendor is identified on the [OFAC Specially Designated Nationals and Blocked Persons list.](#) However, the Vendor is engaged in activity related to Russia and/or Belarus consistent with federal law, regulation, license or exemption. A detailed description of how the Vendor's activity related to Russia and/or Belarus is consistent with federal law is set forth below.

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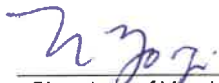
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(Attach Additional Sheets If Necessary.)

  
\_\_\_\_\_  
Signature of Vendor's Authorized Representative  
Michele Zorzi, Principal  
\_\_\_\_\_  
Print Name and Title of Vendor's Authorized Representative  
Colliers Engineering & Design, Inc. (DBA Maser Consulting)  
\_\_\_\_\_  
Vendor's Name  
101 Crawfords Corner Road, Suite 3400  
\_\_\_\_\_  
Vendor's Address (Street Address)  
Holmdel, NJ 07733  
\_\_\_\_\_  
Vendor's Address (City/State/Zip Code)

\_\_\_\_\_  
January 7, 2025  
Date  
\_\_\_\_\_  
22-265-1610  
Vendor's FEIN  
\_\_\_\_\_  
732 383 1950  
Vendor's Phone Number  
\_\_\_\_\_  
732 383 1984  
Vendor's Fax Number  
\_\_\_\_\_  
michele.ouimet@collierseng.com;  
nick.minner@collierseng.com  
Vendor's Email Address

<sup>i</sup> Vendor means: (1) A natural person, corporation, company, limited partnership, limited liability partnership, limited liability company, business association, sole proprietorship, joint venture, partnership, society, trust, or any other nongovernmental entity, organization, or group; (2) Any governmental entity or instrumentality of a government, including a multilateral development institution, as defined in Section 1701(c)(3) of the International Financial Institutions Act, 22 U.S.C. 262r(c)(3); or (3) Any parent, successor, subunit, direct or indirect subsidiary, or any entity under common ownership or control with, any entity described in paragraph (1) or (2).

# MORRIS COUNTY MUA

## *Affidavit of Non-Debarred Status*

### **AFFIDAVIT OF NON-DEBARRED STATUS**

STATE OF NEW JERSEY     )  
   ) SS:  
COUNTY OF   Morris     )

I, Michele Zorzi of the City/Town of  
Holmdel, in the County of Monmouth  
and the State of New Jersey, of full age, being duly sworn according to law on my

oath depose and say that:

I am Michele Zorzi, a Principal  
*(Name)* *(Title, Position, etc.)*

of Colliers Engineering & Design, Inc. (DBA Maser Consulting), the Bidder  
*(Name of Firm, Company or Corporation)*

making the Bid for the Morris County Municipal Utilities Authority and that I executed the said Bid with full authority so to do; that said Bidder at the time of making this Bid is not included on the State of New Jersey, State Treasurer's List of Debarred, Suspended and Disqualified Bidders; and all statements contained in said Bid and in this affidavit are true and correct and made with the full knowledge that the Morris County Municipal Utilities Authority relies upon the truth of the statements contained in said Bid and in the Statements contained in this affidavit in awarding Contract for said project.

**The undersigned further warrants that should the name of the firm, company or corporation making this Bid appear on the State Treasurer's List of Debarred, Suspended and Disqualified Bidders at anytime prior to, and during the life of the Contract, including the Guarantee Period, that the Morris County Municipal Utilities Authority shall be immediately so notified by the signatory to this Eligibility Affidavit.**

**The undersigned understands that the firm, company or corporation making the Bid as a CONTRACTOR is subject to debarment, suspension and/or disqualification in contracting with the State of New Jersey and the Department of Environmental Protection if the CONTRACTOR, pursuant to NJAC 7:1-5.2, commits any of the acts listed therein, and as determined according to applicable law and regulation.**

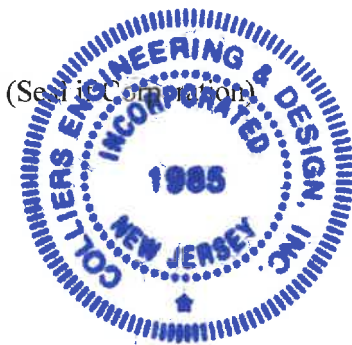
  
*(Signature of Bidder)*

Michele Zorzi, Principal

(Printed or Typed Name & Title of Bidder)

101 Crawford's Corner Road, Suite 3400, Holmdel, NJ 07733

(Address of Bidder)



(Seal of Corporation)

# MORRIS COUNTY MUA

## *Affirmative Action Compliance Notice*

### EXHIBIT A

#### GOODS, GENERAL SERVICES, AND PROFESSIONAL SERVICES CONTRACTS

This form is a summary of the successful vendor's requirement to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27.  
Type text hereCOIII

The successful respondent shall submit to the public agency, after notification of award but prior to execution of the contract, one of the following three documents as forms of evidence:

1. Letter of Federal Affirmative Action Plan Approval
2. Certificate of Employee Information Report
3. A photocopy of an Employee Information Report (AA302) provided by the Division and distributed to the public agency to be completed by the vendor in accordance with N.J.A.C. 17:27-4.

The successful vendor(s) must submit the copies of the AA302 Report to the Division of Contract Compliance and Equal Employment Opportunity in Public Contracts (Division). The Public Agency copy is submitted to the public agency, and the vendor copy is retained by the vendor.

The undersigned vendor further understands that his/her proposal shall be rejected as non-responsive if said vendor fails to comply with the requirements of N.J.S.A. 10:5-31 et seq. and N.J.A.C. 17:27.

**Business Name:** Colliers Engineering & Design, Inc. (DBA Maser Consulting)

**Representative's Name (print):** Michele Zorzi, Principal

**Representative's Signature:**



**Date:** January 7, 2025

**Phone:** 732 383 1950

# MORRIS COUNTY MUA

## *Mandatory EEO Language*

### EXHIBIT A

#### MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE

N.J.S.A. 10:5-31 et seq. (P.L.1975, c.127)

Co N.J.A.C. 17:27 et seq.

#### **GOODS, GENERAL SERVICES, AND PROFESSIONAL SERVICES CONTRACTS**

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.

# MORRIS COUNTY MUA

## *Mandatory EEO Language*

The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices. Colliers Engineering & Design, Inc. (DBA Maser Consulting)

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions. The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

**Letter of Federal Affirmative Action Plan Approval;**

**Certificate of Employee Information Report; or**

**Employee Information Report Form AA-302 (electronically provided by the Division and distributed to the public agency through the Division's website at: [http://www.state.nj.us/treasury/contract\\_compliance](http://www.state.nj.us/treasury/contract_compliance).)**

The contractor and its subcontractors shall furnish such reports or other documents to the Division of Purchase & Property, CCAU, EEO Monitoring Program as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Purchase & Property, CCAU, EEO Monitoring Program for conducting a compliance investigation pursuant to N.J.A.C. 17:27-1.1 et seq

**Business Name:** Colliers Engineering & Design, Inc. (DBA Maser Consulting)

**Representative's Name (print):** Michele Zorzi, Principal

**Representative's Signature:**



**Date:** January 7, 2025

# MORRIS COUNTY MUA

## *Americans with Disabilities Act of 1990 Form*

The CONTRACTOR and the OWNER do hereby agree that the provisions of Title 11 of the Americans With Disabilities Act of 1990 (the "ACT") (42 U.S.C. S12101 et seq.), which prohibits discrimination on the basis of disability by public entities in all services, programs, and activities provided or made available by public entities, and the rules and regulations promulgated pursuant thereto, are made a part of this contract. In providing any act benefit, or service on behalf of the OWNER pursuant to this contract, the CONTRACTOR agrees that the performance shall be in strict compliance with the Act. In the event that the Contractor, its agents, servants, employees, or subcontractors violate or are alleged to have violated the Act during the performance of this contract, the CONTRACTOR shall defend the OWNER in any action or administrative proceeding commenced pursuant to this Act. The Contractor shall indemnify, protect, and save harmless the OWNER, its agents, servants, and employees from and against any and all suits, claims, losses, demands, or damages, of whatever kind or nature arising out of or claimed to arise out of the alleged violation. The CONTRACTOR shall, at its own expense, appear, defend, and pay any and all charges for legal services and any and all costs and other expenses arising from such action or administrative proceeding or incurred in connection therewith. In any and all complaints brought pursuant to the OWNER grievance procedure, the CONTRACTOR agrees to abide by any decision of the OWNER which is rendered pursuant to said grievance procedure. If any action or administrative proceeding results in an award of damages against the OWNER or if the OWNER must any expense to cure a violation of the ADA which has been brought pursuant to its grievance procedure, the CONTRACTOR shall satisfy and discharge the same at its OWN expense.

The OWNER shall, as soon as practicable after a claim has been made against it, give written notice thereof to the CONTRACTOR along with full and complete particulars of the claim. If any action or administrative proceedings is brought against the OWNER or any of its agents, servants, and employees, the OWNER shall expeditiously forward or have forwarded to the CONTRACTOR every demand, complaint, notice, summons, pleading, or other process received by the OWNER or its representatives.

It is expressly agreed and understood that any approval by the OWNER of the services provided by the CONTRACTOR pursuant to this contract will not relieve the CONTRACTOR of the obligation to comply with the Act and to defend, indemnify, protect, and save harmless the OWNER pursuant to this paragraph.

It is further agreed and understood that the OWNER assumes no obligation to indemnify or save harmless the CONTRACTOR, its agents, servants, employees and subcontractors for any claim which may arise out of their performance of this Agreement. Furthermore, the CONTRACTOR expressly understands and agrees that the provisions of this indemnification clause shall in no way limit the CONTRACTOR'S obligations assumed in this Agreement, nor shall they be construed to relieve the CONTRACTOR from any liability, nor preclude the OWNER from taking any other actions available to it under any other provisions of the Agreement or otherwise at law.

Furthermore, the contractor expressly understands and agrees that the provisions of this indemnification clause shall in no way limit the contractor's obligations assumed in this Agreement, nor shall they be construed to relieve the contractor from any liability, nor preclude the owner from taking any other actions available to it under any other provisions of the Agreement or otherwise at law.

**Business Name (Print):** Colliers Engineering & Design, Inc. (DBA Maser Consulting)

**Representative's Name (Print):** Michele Zorzi

**Representative's Title:** Principal

**Representative's Signature:** 

**Phone:** 732 383 1950

**Date:** January 7, 2025

# MORRIS COUNTY MUA

## *New Jersey Anti-Discrimination*

Pursuant to N.J.S.A. 10:2-1:

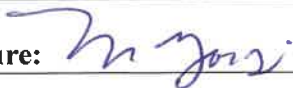
- a. In the hiring of persons for the performance of work under this contract or any subcontract hereunder, or for the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under this contract, no contractor, nor any person acting on behalf of such contractor or subcontractor, shall, by reason of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex, discriminate against any person who is qualified and available to perform the work to which the employment relates;
- b. No contractor, subcontractor, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee engaged in the performance of work under this contract or any subcontract hereunder, or engaged in the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under such contract, on account of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex;
- c. There may be deducted from the amount payable to the contractor by the contracting public agency, under this contract, a penalty of \$ 50.00 for each person for each calendar day during which such person is discriminated against or intimidated in violation of the provisions of the contract; and
- d. This contract may be canceled or terminated by the contracting public agency, and all money due or to become due hereunder may be forfeited, for any violation of this section of the contract occurring after notice to the contractor from the contracting public agency of any prior violation of this section of the contract.

**Business Name (Print):** Colliers Engineering & Design, Inc. (DBA Maser Consulting)

**Representative's Name (Print):** Michele Zorzi

**Representative's Title:** Principal

**Representative's Signature:**



**Phone:** 732 383 1950

**Date:** January 7, 2025

# MORRIS COUNTY MUA

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## *Pay to Play Advisory*

### **PAY TO PLAY ADVISORY**

**Disclosure Requirement  
(N.J.S.A. 19:44A – 20.27)**

Any business entity that has received \$50,000 or more in contracts from government entities in a calendar year will be required to file an annual disclosure report with ELEC.

The report will include certain contributions and contract information for the current calendar year.

At a minimum, a list of all business entities that file an annual disclosure report will be listed on ELEC's website at [www.elec.state.nj.us](http://www.elec.state.nj.us).

If you have any questions please contact ELEC at:  
1-888-313-ELEC (toll free in NJ) or  
609-292-8700

An analyst from ELEC's Special Programs Section will assist you.

Initials   *mg*





## STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE

<b>Taxpayer Name:</b>	COLLIERS ENGINEERING & DESIGN, INC.
<b>Trade Name:</b>	MASER CONSULTING
<b>Address:</b>	101 CRAWFORDS CORNER ROAD, STE 3400 HOLMDEL, NJ 07733
<b>Certificate Number:</b>	0099895
<b>Effective Date:</b>	October 15, 1985
<b>Date of Issuance:</b>	August 11, 2023

**For Office Use Only:**  
20230811123927691

State Of New Jersey  
New Jersey Office of the Attorney General  
Division of Consumer Affairs



THIS IS TO CERTIFY THAT THE  
Board of Prof. Engineers & Land Surveyors

HAS LICENSED

COLLIERS ENGINEERING & DESIGN, INC. DBA MASER  
LEONARDO E PONZIO  
331 Newman Springs Rd.  
Suite 203  
Red Bank NJ 07701

FOR PRACTICE IN NEW JERSEY AS A(N): Certificate of Authorization

Eng, Land Surv & Building Design Svc

New Jersey Office of the Attorney General  
Division of Consumer Affairs  
THIS IS TO CERTIFY THAT THE  
Board of Prof. Engineers & Land Surveyors  
HAS LICENSED  
COLLIERS ENGINEERING & DESIGN, INC. DBA MASER CONSULTING  
Certificate of Authorization  
Eng, Land Surv & Building Design Svc

SIGNATURE

*Cari Zain*  
ACTING DIRECTOR

08/27/2024 TO 08/31/2026  
VALID

24GA27986500  
License/Registration/Certificate #

08/27/2024 TO 08/31/2026  
VALID

24GA27986500  
LICENSE/REGISTRATION/CERTIFICATION #

*Leonardo E Ponzio*  
Signature of Licensee/Registrant/Certificate Holder

*Cari Zain*  
ACTING DIRECTOR

PLEASE DETACH HERE  
IF YOUR LICENSE/REGISTRATION/  
CERTIFICATE ID CARD IS LOST  
PLEASE NOTIFY:  
Board of Prof. Engineers & Land Surv  
P.O. Box 45015  
Newark, NJ 07101

PLEASE DETACH HERE

**CERTIFICATE OF EMPLOYEE INFORMATION REPORT****RENEWAL**

This is to certify that the contractor listed below has submitted an Employee Information Report pursuant to N.J.A.C. 17:27-1.1 et seq. and the State Treasurer has approved said report. This approval will remain in effect for the period of **15-JUL-2022** to **15-JUL-2025**



**COLLIERS ENGINEERING & DESIGN INC.**  
**101 CRAWFORDS CORNER RD STE 3400**  
**HOLMDEL NJ 07733**

*Elizabeth Maher Muoio*

ELIZABETH MAHER MUOIO  
 State Treasurer

MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE  
 N.J.S.A. 10:5-31 et seq. (P.L. 1975, c. 127) N.J.A.C. 17:27 et seq.

**GOODS, GENERAL SERVICE AND PROFESSIONAL SERVICES CONTRACTS**

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.

The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

Letter of Federal Affirmative Action Plan Approval;

Certificate of Employee Information Report; or

Employee Information Report Form AA302 (electronically provided by the Division and distributed to the public agency through the Division's website at [http://www.state.nj.us/treasury/contract\\_compliance](http://www.state.nj.us/treasury/contract_compliance)).

The contractor and its subcontractors shall furnish such reports or other documents to the Division of Purchase and Property, CCAU, EEO Monitoring Program as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Purchase and Property, CCAU, EEO Monitoring Program for conducting a compliance investigation pursuant to N.J.A.C. 17:27-1 et seq.

Vendor Signature: \_\_\_\_\_

*X Zhang*

Date: 12/05/2023

Certificate Number  
637355

Registration Date: 06/09/2024  
Expiration Date: 06/08/2026



**State of New Jersey**  
**Department of Labor and Workforce Development**  
Division of Wage and Hour Compliance  
**Public Works Contractor Registration Act**

Pursuant to N.J.S.A. 34:11-56.48, et seq. of the Public Works Contractor Registration Act, this certificate of registration is issued for purposes of bidding on any contract for public work or for engaging in the performance of any public work to:

**Responsible Representative(s):**  
Kevin Haney, CEO

**Responsible Representative(s):**  
Leonardo Ponzio, Other

**Colliers Engineering & Design, Inc**  
**2024**

Robert Asaro-Angelo, Commissioner  
Department of Labor and Workforce Development

NON TRANSFERABLE

This certificate may not be transferred or assigned and may be revoked for cause by the Commissioner of Labor and Workforce Development.



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/9/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Marsh & McLennan Agency LLC 250 Pehle Avenue, Suite 400 Saddle Brook NJ 07663	<b>CONTACT NAME:</b> _____	
	<b>PHONE (A/C, No, Ext):</b> _____	<b>FAX (A/C, No):</b> _____
<b>E-MAIL ADDRESS:</b> jennifer.juarez@marshmma.com		
<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
<b>INSURER A :</b> National Union Fire Ins Co PittsburghPA		19445
<b>INSURER B :</b> Travelers Property Casualty Co of Amer		25674
<b>INSURER C :</b> New Hampshire Insurance Company		23841
<b>INSURER D :</b> Navigators Insurance Company		42307
<b>INSURER E :</b>		
<b>INSURER F :</b>		

**COVERAGES** **CERTIFICATE NUMBER:** 163471777 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			9925559	3/1/2024	3/1/2025	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COM/OP AGG \$ 4,000,000 \$
A	<input checked="" type="checkbox"/> <b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			4773685	3/1/2024	3/1/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			CUP1T66744424NF	3/1/2024	3/1/2025	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
C	<input checked="" type="checkbox"/> <b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WC025893715	3/1/2024	3/1/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Excess Liability			NY24MXEZ07LHXIV	3/1/2024	3/1/2025	\$15,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 Evidence of Insurance

**CERTIFICATE HOLDER****CANCELLATION**

Colliers Engineering & Design Inc  
 dba Maser Consulting  
 101 Crawfords Corner Rd  
 Suite 3400  
 Holmdel NJ 07733

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



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\*NAMED INSUREDS INCLUDE:

Colliers Engineering & Design, Architecture, Landscape Architecture, Surveying CT P.C.

Colliers Engineering & Design/Maser Consulting Inc.

Colliers Land Services, LLC

Colliers Engineering & Design CT, P.C.

CED Architecture Inc.

Phase Zero Design Corp.



COLLIER-01

MMCFARLANE

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/13/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Ames & Gough 859 Willard Street Suite 320 Quincy, MA 02169	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): <b>(617) 328-6555</b>	FAX (A/C, No): <b>(617) 328-6888</b>
	<b>E-MAIL ADDRESS:</b> <b>boston@amesgough.com</b>	
<b>INSURED</b> Colliers Engineering & Design, Inc. dba Maser Consulting* 101 Crawfords Corner, Suite 3400 Holmdel, NJ 07733	<b>INSURER(S) AFFORDING COVERAGE</b>	
	<b>INSURER A:</b> Berkshire Hathaway Specialty Insurance Company (A++XV)	
	<b>INSURER B:</b>	
	<b>INSURER C:</b>	
	<b>INSURER D:</b>	
	<b>INSURER E:</b>	

<b>COVERAGES</b>	<b>CERTIFICATE NUMBER:</b>	<b>REVISION NUMBER:</b>
------------------	----------------------------	-------------------------

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL. SUBR INSD. WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	<b>COMMERCIAL GENERAL LIABILITY</b>					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COM/OP AGG \$ OTHER: \$
	<b>AUTOMOBILE LIABILITY</b>					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<b>UMBRELLA LIAB</b>					EACH OCCURRENCE \$
	<b>EXCESS LIAB</b>					AGGREGATE \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>					PER STATUTE OTH-ER \$ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liab.		47EPP32691802	2/25/2024	2/25/2025	Per Claim Limit 1,000,000
A	Professional Liab.		47EPP32691802	2/25/2024	2/25/2025	Aggregate Limit 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 \*NAMED INSUREDS INCLUDE:  
 Colliers Engineering & Design, Architecture, Landscape Architecture, Surveying CT P.C.; Colliers Engineering & Design/Maser Consulting Inc.; Colliers Land Services, LLC.; CED Architecture, Inc.; Colliers Engineering & Design CT, P.C., Phase Zero Design Corp.

Evidence of Insurance

<b>CERTIFICATE HOLDER</b> Evidence of Insurance	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE <i>Jared Maxwell</i>

# Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

▶ Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.  
**Colliers Engineering & Design, Inc.**

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.

Individual/sole proprietor or single-member LLC

C Corporation

S Corporation

Partnership

Trust/estate

Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ \_\_\_\_\_

**Note:** Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

Other (see instructions) ▶ \_\_\_\_\_

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) \_\_\_\_\_

Exemption from FATCA reporting code (if any) \_\_\_\_\_

*(Applies to accounts maintained outside the U.S.)*

5 Address (number, street, and apt. or suite no.) See instructions.  
**101 Crawfords Corner Road, Suite 3400**

6 City, state, and ZIP code  
**Holmdel, NJ 07733**

7 List account number(s) here (optional)

Requester's name and address (optional)

Print or type. See Specific Instructions on page 3.

## Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Social security number

			-			-			
--	--	--	---	--	--	---	--	--	--

or

Employer identification number

2	2	-	2	6	5	1	6	1	0
---	---	---	---	---	---	---	---	---	---

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

## Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here

Signature of U.S. person ▶ *Mitchell Lynn*

Date ▶ April 18, 2024

## General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

## Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
  - Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
  - Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
  - Form 1099-S (proceeds from real estate transactions)
  - Form 1099-K (merchant card and third party network transactions)
  - Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
  - Form 1099-C (canceled debt)
  - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding, later.*







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