

203-25

EXHIBIT A

MATRIX**NEW**WORLD

Engineering Progress



RFQ FOR PROFESSIONAL SERVICES: MUNICIPAL ENGINEERING SERVICES

SUBMITTED TO

Township of West Orange

ATTN: Panayiota Reynolds, Purchasing Agent
66 Main Street
West Orange, NJ 07052

SUBMITTED BY

Matrix New World Engineering, Land Surveying and Landscape Architecture, PC

26 Columbia Turnpike, 2nd Floor
Florham Park, NJ 07932
P: 973.240.1800 F: 973.240.1818

SUBMITTED DATE

December 3, 2024

December 3, 2024

Panayiota Reynolds, Purchasing Agent
Township of West Orange
66 Main Street
West Orange, NJ 07052

Re: REQUEST FOR QUALIFICATIONS FOR MUNICIPAL ENGINEERING SERVICES

Dear members of the selection committee:

Matrix New World Engineering, Land Surveying and Landscape Architecture, P.C. (Matrix) is pleased to submit this proposal to the Township of West Orange in response to the above-referenced RFQ. We have enclosed one original and one copy of our response. Matrix is one of the largest engineering firms in the state, providing civil, environmental, geotechnical, marine, and structural engineering services; landscape architecture; and survey consulting expertise. Our firm has grown progressively in terms of revenue, client base, and project diversity since its inception and has developed a strong reputation for delivering high quality services and work products within budget and schedule.

Matrix personnel have a thorough understanding of the various engineering and consulting services typically required by public clients, including infrastructure design, inspection services, land survey, environmental engineering, regulatory compliance, traffic and transportation engineering, structural engineering, and landscape architecture. We are confident that after a review of our proposal, West Orange will select Matrix because of our ability to provide the services of a *full-service multi-discipline engineering* firm with a full array of engineers, scientists, land-use experts, surveyors, asbestos and lead licensed personnel.

Matrix is proud to propose a team that can provide all the necessary services under one umbrella. Our management approach allows us to provide our services in very economical fashion, and the team we have assembled will be able to accelerate project delivery while lowering costs. We are also conveniently located in Florham Park, only 10 miles from the Township's municipal headquarters, capable of responding to any emergent matters in a quick and efficient manner.

We thank you for the opportunity to submit this proposal. Please feel free to contact me directly with any questions or comments regarding our experience at (973) 585-9064 or via email at msoltys@mnwe.com.

Respectfully submitted,



Mike Soltys, PE
Vice President

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SECTION 1 – EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

Matrix understands that the Township of West Orange is seeking a professional engineer licensed by the state of New Jersey for the design and reconstruction of infrastructure improvements within the Township, including street improvements (including curb, sidewalk, pavement, utilities, lighting, and other street amenities), utility improvements including storm and sanitary sewers and sanitary sewage pump stations, and subdivision and site plan preparation of Municipal owned or sponsored projects including presentations and testimony before local and county land use boards.

Matrix is a civil engineering, geotechnical engineering, environmental, and land surveying consulting firm established in 1990. The firm has grown progressively in terms of revenue, client base, and project diversity, and has developed a strong reputation for delivering high-quality services and work products within budget and on schedule. Matrix is routinely called upon to perform project assignments within tight time frames and difficult completion schedules in response to changing circumstances or emergency requests. We have successfully delivered on several contracts under which we executed multiple large-scale and complex assignments concurrently.

We are proud to propose a team that can provide all the necessary services under one umbrella. Our management approach allows us to provide our services in a very economical fashion, and the team we have assembled will be able to accelerate project delivery while lowering costs. We are also conveniently located in Florham Park, only 10 miles from the Township's municipal headquarters, capable of responding to any emergent matters in a quick and efficient manner. We will have support from our Eatontown, NJ office location, as well.

26 COLUMBIA TURNPIKE, 2ND FLOOR (CORP. HQ)
FLORHAM PARK, NJ 07932
PHONE: 973.240.1800
FAX: 973.240.1818

442 ROUTE 35, 2ND FLOOR
EATONTOWN, NJ 07724
PHONE: 732.588.2999
FAX: 973.240.1818

Matrix currently employs over 120 full-time professionals in our New Jersey offices, and we will dedicate qualified management and staff full-time and part-time as required to ensure the successful completion of any project. Client satisfaction is always our main goal and thus we ensure that staff availability and qualifications are never compromised. A primary contact and project manager will provide a direct link between Matrix personnel and the Township for consistent direction and collaboration while the entirety of Matrix's staff and management are available when needed.

Our current workload is steady yet flexible. We prefer to maintain control over our growth and make sure we are never over- or under-staffed. We presently have sufficient capacity to give West Orange projects our undivided attention to meet project goals and deadlines, and we do not anticipate any change to this for the duration of the contract. We also plan to utilize the same managers and staff throughout a project to ensure consistency.

Matrix has provided a broad spectrum of engineering services for public agencies (Federal, State, and County), municipalities, school districts, private corporations, architects, engineering firms, and commercial and residential developers. Matrix provides land use planning and engineering services, environmental permitting, landscape architecture, environmental investigations, geotechnical engineering, construction monitoring, remediation design, construction support, regulatory compliance, ecological and biological studies, stormwater management and flood studies, community relations, forensic engineering, and litigation support. Matrix's engineering team consists of engineers and design technicians who have become multi-disciplined through a wide variety of project requirements. In-house specialties include local planning/zoning ordinance review, feasibility studies, community development layout, and subdivision and site plan design. Our experience includes civil engineering design in the areas of roadway, site engineering, utilities, and complete infrastructure design and

rehabilitation. Matrix routinely produces construction documents, including plans, specifications, quantity and cost estimates, and complete construction bid packages.

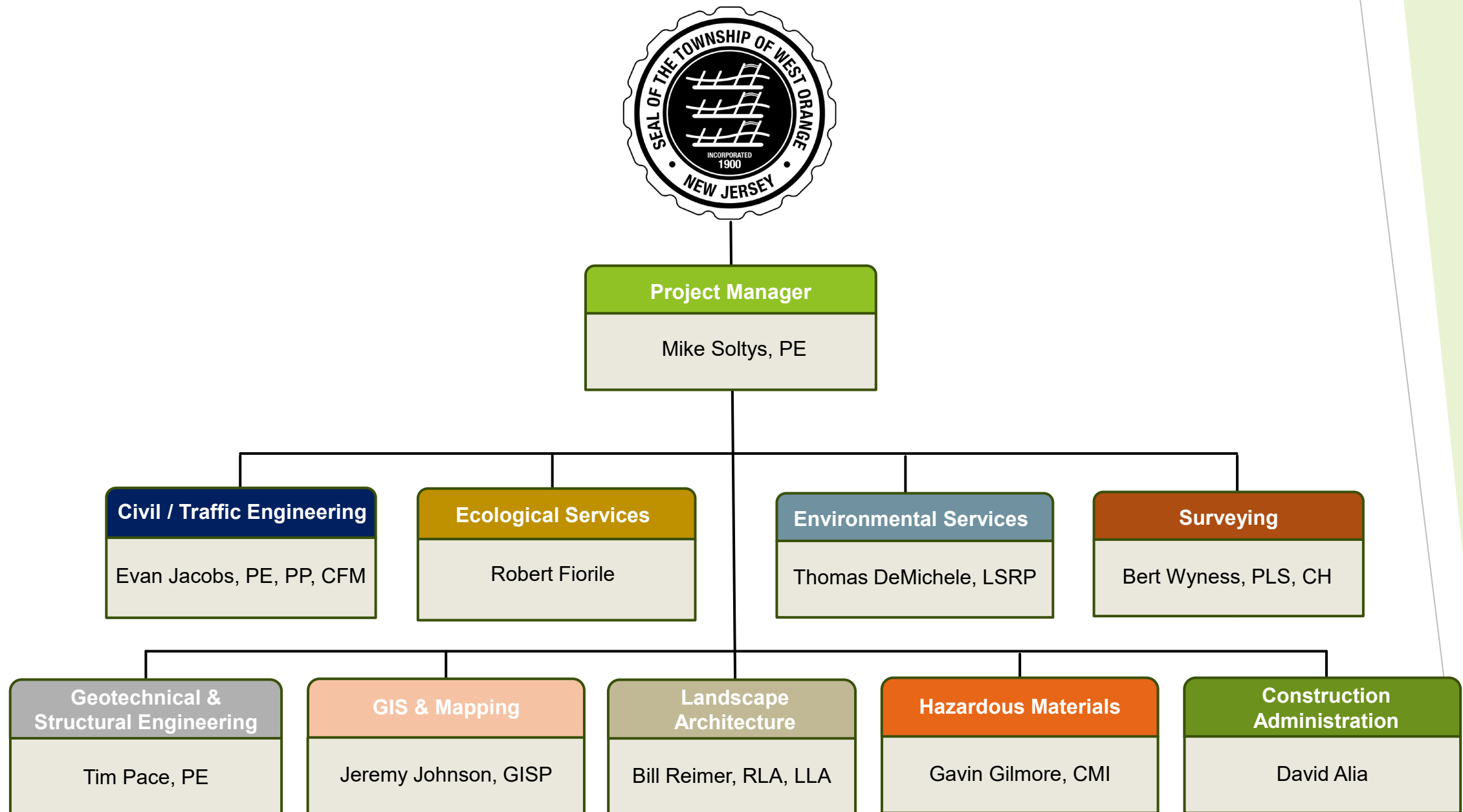
Our key staff available for this contract includes individuals licensed as New Jersey Professional Engineers (PE), Certified Municipal Engineers (CME), New Jersey Professional Planners (PP), NJ Professional Land Surveyors (PLS), NJ Licensed Landscape Architects (LLA), Certified Safety Professional (CSP), and Licensed Site Remediation Professionals (LSRP) will provide proven management and technical expertise which will ensure professional, efficient, and quality service. In addition, Matrix is experienced and thoroughly familiar with the technical and administrative skills necessary to successfully execute multiple work assignments under “call-in” and “task order” contracts. We hope that upon reviewing our qualifications, the Township of West Orange will quickly understand the breadth of talent and expertise within Matrix and what we can offer.

SECTION 2 – KEY STAFF

ORGANIZATION CHART

KEY PERSONNEL RESUMES

Organization Chart



MIKE J. SOLTYS, PE
Project Manager**Professional Qualifications**

Mike Soltys is a structural, geotechnical, and civil engineer. With more than 17 years of experience, he is well-versed in steel, concrete, masonry, and timber design; plans and specifications preparation; engineering report development; structural evaluations; and overall project management for a wide variety of public and private projects. His diverse structural consulting experience includes the design of waterfront structures, piers, marinas, bulkheads, roller coasters, water slides, buildings, bridges/culverts, retaining walls, grandstands, treatment plants, dams and more. Mike's background includes complete management of geotechnical investigations; driller and laboratory procurement and coordination; development of geotechnical investigation reports; evaluation of geotechnical data for bearing capacity, settlement, global stability, sliding, overturning, and liquefaction potential; and design development and coordination of shallow and deep foundations, slab and pavement subgrade, ground improvements, and retaining walls, in addition to the analysis of bearing capacity, settlement, global stability, sliding, overturning, and liquefaction potential. His civil engineering background has focused on site plan development, including site layout, drainage, grading, utility and soil erosion plans; front end and technical specification development for public bid projects; and project management of multi-discipline civil engineering projects.

Professional Experience

Bayshore Regional Sewerage Authority Electrical Improvements, Union Beach, NJ – Project manager responsible for coordinating the geotechnical investigation for electrical upgrades at the treatment plant. Responsibilities included procurement of the driller and laboratory, oversight of the investigation program, and development of a complete geotechnical report with boring logs and design recommendations.

DPMC NJDOT Bridgewater Salt Storage Structure, Bridgewater, NJ – Project manager responsible for coordinating the geotechnical investigation for the construction of a salt storage building. Responsibilities included procurement of the driller and laboratory, oversight of the investigation program, and development of a complete geotechnical report with boring logs and design recommendations.

Wrightstown Development, Wrightstown, NJ – Project manager responsible for the subsurface investigation program including borings, test pits and permeability tests to develop a single-family residential development on previously undisturbed land with requisite infiltration and detention basins.

Woodland Park Medical Office Property Condition Assessment, Woodland Park, NJ – Project manager responsible for oversight of the structural and architectural assessment portion of a Property Condition Assessment of a 3-story medical office building. Responsibilities included project management, oversight of the non-destructive evaluation, and development of the investigation report.

95 Monitor Street Pre-Construction Foundation Inspection, Jersey City, NJ – Project manager responsible for oversight of the pre-construction foundation and wall inspection of nearby properties to the proposed construction to establish a baseline assessment of existing conditions prior to construction. The evaluation included a non-destructive inspection to identify and document existing conditions and deficiencies, which were photographed and documented for a compiled report of all adjacent properties.

Verona/Montclair Redevelopment, Verona/Montclair, NJ – Project manager responsible for the subsurface investigation program including borings and permeability tests to redevelop an existing elementary school site into a mixed-use facility with on-site parking garage.

**EDUCATION**

MS, Civil Engineering, Rutgers University, 2010

BS Civil Engineering, University of Notre Dame, 2007

PROFESSIONAL REGISTRATIONS

Professional Engineer - New Jersey 2011, New York 2016, Connecticut 2013, Pennsylvania 2014, Utah 2017, North Carolina 2017, South Carolina 2017, Oregon 2017, Georgia 2019, California 2020, Rhode Island 2023

PROFESSIONAL CERTIFICATIONS AND TRAINING

OSHA 10-Hour Construction
Transportation Worker Identification
Credential (TWIC) – Exp. 8/27/28

EVAN M. JACOBS, PE, PP, CFM
Civil / Traffic Engineer**Professional Qualifications**

Evan Jacobs is a civil engineering project manager with 17 years of experience managing, designing and overseeing the construction of a multitude of land development projects. He is well-versed in all aspects of the design of public and private land development, site planning, grading and earthwork management, drainage and stormwater management, utility design, land use permitting, municipal board approvals and preparation of construction documents for public bidding. Evan's projects have included a wide-range of sectors, including K-12 and higher education, sports and recreation facilities, multi-family residential developments, commercial and industrial sites, bridge and culvert replacements, utility infrastructure, large-scale brownfield redevelopment sites, flood mitigation and prevention, and septic system design. Evan also brings nearly seven years' experience as a municipal engineer and planner, having served multiple municipalities, handling all aspects of capital construction projects, apply for and securing grant opportunities, and representing the engineering and construction interests of the municipality. Evan also represented municipal land use boards as both a professional engineer and professional planner serving both Planning Boards and Zoning Boards of Adjustment. Evan has also provided expert witness testimony regarding engineering and land development in both County and Federal courtrooms.

Professional Experience**Oil/Water Separator Replacements, PSE&G, Various NJ Locations -**

Project Manager and site/civil engineering lead responsible for the design and preparation of construction documents for replacement of oil/water separators at 23 PSE&G vehicle maintenance garages throughout the state. Additional responsibilities included full site investigation and design, existing utility and infrastructure mapping, local sewer authority permitting, plumbing and electrical design to support the new OWS as well as modifications to existing plumbing and sewer systems, grading and drainage design, bid support services, as well as municipal construction permits and sub-code permits for plumbing, electrical, and building.

Pathside Museum Project, Jersey City, NJ – Project Manager and site/civil engineering lead responsible for the design and preparation of construction documents for site improvements for the museum redevelopment of the existing Pathside Building in Journal Square, including a new loading dock berth, stormwater and utility infrastructure improvements, site and landscape improvements for an outdoor plaza and perimeter pedestrian areas, and ADA accessibility improvements.

Royal Caribbean Cape Liberty Cruise Terminal, Bayonne, NJ – Site/civil engineering lead responsible for the design of the site and supporting infrastructure for the new Royal Caribbean cruise terminal at the MOTBY site. Responsibilities included extensive coordination with Royal Caribbean and the Port Authority of New York & New Jersey, as well as site circulation, passenger and bus queuing and parking design, stormwater and utilities, bollard and mooring layout, and permitting.

Union County Bridge Replacements, Various Bridges in Union County, NJ – Project Manager and site/civil engineering lead responsible for design of the site and roadway layout, stream corridor improvements, hydrologic and hydraulic modeling and design for the new structures, and NJDEP land use permitting for wetlands and flood hazard areas for either the rehabilitation, reconstruction, or complete replacement of multiple bridges and culverts under Union County jurisdiction (including but not limited to: Central Avenue – Westfield, Pedestrian Bridge at Nomahegan Park – Cranford, W.R. Tracy Road Bridge – Watchung Reservation – Mountainside, Inwood Place – Plainfield, Allen Avenue – Union).

**EDUCATION**

MS Civil Engineering, New Jersey
Institute of Technology, May 2012
BS Civil Engineering, New Jersey
Institute of Technology, May 2007

**PROFESSIONAL
REGISTRATIONS**

Professional Engineer – New
Jersey (April 2012)
Professional Planner – New Jersey
(September 2017)

**PROFESSIONAL
CERTIFICATIONS AND TRAINING**

Certified Floodplain Manager
(Association of State Floodplain
Managers), January 2020
HAZWOPER and OSHA 40-hour
certification (initially licensed in
March 2013, currently expired)

PROFESSIONAL AFFILIATIONS

Association of State Floodplain
Managers, January 2020

ROB R. FIORILE

Ecological Services

Professional Qualifications

Rob Fiorile is a Senior Scientist with more than 30 years of experience working in the environmental field. Responsible for the completion of environmental reviews, ecological studies/surveys, natural resource inventories, and State and Federal environmental permit applications, Rob has served various client types with an emphasis on environmental assessments and impact statements in accordance with the National Environmental Policy Act (NEPA), as well as NY and NJ State environmental review regulations. He is also highly skilled in preparing permit applications for complex projects involving activities regulated under various State's freshwater wetlands protection programs, flood hazard area control programs, coastal zone management programs, and U.S. Army Corps of Engineers Section 10 and 404 programs. Rob's experience includes various types of terrestrial and aquatic ecological studies/surveys, including watershed management plans, lake diagnostic-feasibility studies, lake restoration/management programs, nuisance aquatic species control programs, wetland delineations, seagrass surveys, shellfish surveys, acid soils surveys, and seagrass and wetland mitigation/restoration.

Professional Experience

Nellie Bennett Marsh Restoration Plan, Point Pleasant, Ocean County, NJ - Project Manager currently responsible for ecological and engineering services for the completion of site assessments, resource surveys, stakeholder outreach coordination, and preliminary design for the stabilization of 2,600 feet of eroding shoreline and the restoration of 20 acres of tidal salt marsh in upper Barnegat Bay. Matrix is working with the Barnegat Bay Partnership and their project stakeholders to develop a comprehensive living shoreline and saltmarsh restoration design plan for Nellie Bennett Marsh, which is currently undergoing subsidence and edge erosion. Our design focuses on developing a phased approach for the protection of the entire marsh complex that can be implemented in phases as funding allows and that is adaptable as effects of climate change and sea level rise are realized over time. Our professionals conducted a comprehensive evaluation of existing site conditions and utilized historical data to understand the causality of the rapid loss to the surface area of the marsh complex. We analyzed best methods for re-establishing marsh edges to the maximum allowable regulatory footprint and protecting the complex from future any future loss.

Newark Bay Wetlands Restoration, City of Newark, NJ – Practice Lead responsible for the implementation of a coastal wetland restoration project funded by a grant made to the City of Newark by the Department of Interior National Fish and Wildlife Foundation (NFWF) through the Hurricane Sandy Coastal Resiliency Competitive Grant Program. The project entails the restoration and protection of a 12-acre wetlands complex located along Newark Bay. The site, which was historically separated from Newark Bay by an 800-foot revetment wall, is one of only a few remaining natural areas remaining in this highly-industrialized portion of Newark Bay. Although some healthy tidal wetlands remain, most of the site has become highly degraded by invasive species and severe shoreline erosion. This project will restore, enhance, and protect the wetland complex through the implementation of multiple resilient and sustainable measures. These include a living shoreline, saltmarsh restoration, and invasive species eradication. The project will ultimately buffer the wetland complex from continued erosion from the tidal action of Newark Bay, improve flood control for the adjoining upland areas in the City of Newark, and restore the natural habitat.

Shark River Park Stream Restoration, NJ – Responsible for the preparation and submission of grant applications to the New Jersey Department of Environmental Protection to request funding under the State 319(h) Grant Program to restore a severely eroding section of an unnamed stream situated within Shark River Park.



EDUCATION

B.S. Environmental Studies, Stockton University, 1993

PROFESSIONAL REGISTRATIONS

NAUI Open Water 1-SCUBA Diving Certification

PROFESSIONAL CERTIFICATIONS AND TRAINING

Georgian Court University – Master of Biology Program

Rutgers, The State University of New Jersey – Cook College
 - Methodology of Delineating Wetlands
 - Plant Identification for Wetland Delineation
 - Hydric Soils
 - Coastal Project Review

New Jersey Marine Science Consortium
 - Marine Fossils

TOM C. DEMICHELE, LSRP

Environmental Services

Professional Qualifications

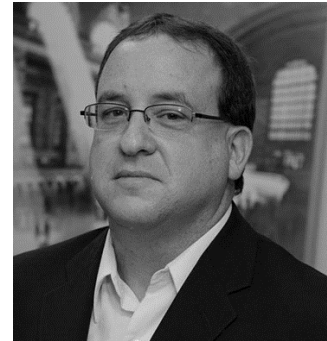
Tom DeMichele is a Licensed Site Remediation Professional (LSRP) with over 32 years of experience in environmental investigation and remediation services. His experience includes planning and directing soil, surface water, groundwater, and bedrock investigations for environmental projects, and oversight of underground storage tank (UST) and aboveground storage tank (AST) decommissioning in accordance with federal, state, and local regulations. Well-versed in complex environmental and engineering programs requiring detailed cost-control programs and multi-disciplinary staffing, his investigative experience includes environmental characterization studies relative to hazardous waste screenings, preliminary assessments (Phase I), site investigations (Phase II), remedial investigations and feasibility studies (Phase III), UST/AST investigations, and environmental impact statements (EIS). Tom is licensed by the State of New Jersey as a subsurface evaluator and closure specialist for UST services.

Professional Experience

Newark Terminal A Redevelopment Program, Newark, NJ – Project Manager for the Port Authority of New York and New Jersey (PANYNJ) Terminal A Redevelopment Roadway Bridges N58 and N59 project at Newark Liberty International Airport. Oversaw the pre-construction environmental subsurface investigation, which identified potential areas of contaminated materials and hazardous waste that may impact project design and construction along the proposed bridge alignments. By pre-characterizing the subsurface, DeMichele identified whether contaminated materials were present that would both pose a health and safety risk to construction personnel and the public and cause costly delays if not identified and mitigated prior to construction. Prepared a Site Investigation Report (SIR) to provide investigation results, and reviewed project design specifications and drawings to ensure that environmental findings relative to materials management were addressed. Also evaluated project design specifications and drawings for adequate handling of potential hazardous materials, including asbestos, lead paint, and universal wastes.

Township of Livingston, Police Headquarters, Livingston, NJ – Project manager responsible for providing environmental services at the Township's Police Headquarters, including the investigation of soil, monitoring well installations, and the remediation of groundwater associated with former UST discharges; and making recommendations for further remedial actions at the site. Completed the Remedial Investigation Report, which identified offsite groundwater contribution. Assisted the Township with the former electronic component manufacturing facility and maintaining compliance associated with these environmental projects. Provide ongoing monitoring and remediation services associated with soil and groundwater contamination.

City of Newark, McClellan Street Underpass Roadway and Drainage Improvements Final Design, Newark, NJ – Project Manager responsible for environmental investigation related to the identification and management of contaminated and hazardous materials. Matrix conducted a corridor study, including a Hazardous Waste Screening Report and Site Investigation to provide for the proper management of contaminated materials during design and construction of the new pump station. A Property Acquisition Environmental Cost Estimate (PAECE) report was prepared for the property as the City of Newark proposed to acquire the southern limits (i.e., Partial Taking) of the Property to expand the existing pump station located on City owned property as part of the proposed McClellan Street Underpass Roadway and Drainage Improvements Project (Project).



EDUCATION

BS, Biology, Maxwell Becton
College of Liberal Arts, Fairleigh
Dickinson University, 1988

PROFESSIONAL REGISTRATIONS

NJDEP Licensed Site Remediation
Professional, No. 576002, 2012

PROFESSIONAL CERTIFICATIONS AND TRAINING

40-Hour OSHA Hazardous Waste
Safety and Health Operations –
1988
8-Hour OSHA Refresher Training for
Hazardous Waste Operations –
Updated Annually
8-Hour OSHA Hazardous Waste
Site Supervisor - 1989
8-Hour Level B Equipment use
Training – 1989
10 –Hour OSHA Construction
Course - 2013
NJDEP Certified UST Subsurface
Evaluation and Closure, #0009989 -
1992
OSHA Excavation Safety Standard
Certified - 1995
Confined Space Entry Training -
1994

BERT C. WYNESS, PLS

Surveying

Professional Qualifications

Bert (Bert) Wyness has more than 37 years of experience in the survey field and a prior eight years in the electrical and electronic engineering discipline. He is experienced in and knowledgeable of land survey techniques, including topographic surveys, boundary surveys, geodetic control surveys, aerial photo control surveys, and writing of legal descriptions. Bert is also experienced in hydrographic and marine geophysical surveys, including multi-beam and single-beam survey collection and processing procedures, as well as side-scan, sub-bottom, and magnetometer survey collection and processing procedures. Bert Wyness is knowledgeable of survey standards and principles, project and department management relating to land and hydrographic survey missions, workflow, and logistic design.

Professional Experience

Jersey City Redevelopment Agency- Project Manager for surveying services in connection with the creation of the Courthouse Park to be located on the current site of the Hudson County Administration Building at 595 Newark Avenue in the City of Jersey City

Estling Lake Dam Embankment Stabilization, Denville, NJ – Project management team member responsible for survey services including boundary surveys, topographic and utility surveys, and railroad surveys.

Northeast Supply Enhancement: Williams Pipeline, NY & NJ – Responsible for the performance of geophysical surveys of a 23-mile proposed pipeline route from Morgan, NJ to Rockaway, NY. Responsibilities included the collection of all hydrographic and geophysical survey data and subsequent management of data processing workflow and delivery to client.

PANYNJ Marine Terminals, NJ, and NY – Responsible for collection of hydrographic data at these facilities. As chief hydrographer on the survey vessel, charged with ensuring the correct procedural and technical processes are adhered to, and in the office, assisting in all aspects of final product delivery.

Passaic River (Mouth to the Dundee Dam), USACE NY District, NJ – Responsible for supervising the necessary tasks to collect enough hydrographic data to ensure the success of restoring this part of the Passaic River to its original bathymetry. The water depth of the project area ranged from 0ft to 30ft, with three survey vessels used to accommodate the various river depths.

NYCDEP Bypass Tunnel Construction - CDA - BT2_Tunnel – Project Manager for several work order tasks, including site surveys, property boundary surveys, and control point surveys related to site settlement monitoring at various power generating and wastewater facilities, near a new NYCDEP Bypass Tunnel.

NYCDPR Captain George H. Tilly Park, Landscape Design and Survey Services – Project Manager for all survey services associated with topographic, utility, boundary and bathymetric surveying related to landscape design services for the reconstruction of the pond, retaining wall and drainage, and miscellaneous site work.



EDUCATION

BS, Survey Engineering, New Jersey Institute of Technology, 2014
AS, Electrical & Electronic Engineering, Napier University – Edinburgh, Scotland, 1981

PROFESSIONAL REGISTRATIONS

Professional Land Surveyor – New Jersey, 2016 - New York, 2010 - Louisiana, 2021 – Connecticut, 2021

PROFESSIONAL CERTIFICATIONS AND TRAINING

ACSM Certified Hydrographic, 2005
Remote Pilot Knowledge Test, 2018
Adjunct Professor at NJIT – Marine Surveying
NOAA Coastal Multi-Beam Training – University of New Brunswick
Trimble Geomatics Post-Processing and Network Adjustment
Wetland Delineation Program – Rutgers University
Continuous Education – Hydrographic and land survey conferences, GIS, and specialized survey seminars

PROFESSIONAL AFFILIATIONS

American Congress on Surveying & Mapping (ACSM)
National Society of Professional Surveyors (NSPS)
New York State of Land Surveyors, Inc. (NYSAPLS)
American Society for Photogrammetry and Remote Sensing (ASPRS)
Association for Unmanned Vehicle Systems International (AUVSI)

TIM PACE, PE**Geotechnical & Structural Engineering****Professional Qualifications**

Tim Pace has more than eight years of field/design experience in the areas of civil, structural, and geotechnical engineering as well as AutoCAD drafting. Tim's experience includes soil sampling/logging for multiple projects across New York and New Jersey, foundation and retaining wall design, various industrial/residential piping and utility design, observation well inspection and water permeability testing. He also has extensive experience in the preparation of geotechnical reports, which include subsurface classifications, soil properties (bearing capacity, settlement, sliding, overturning) and foundation recommendations in accordance with the International Building Code and New York City Building Code.

Professional Experience**Ironstate Development, 100 Monitor Street, Jersey City, NJ –**

Contracted by Ironstate Development to perform exterior foundation and wall inspections of properties immediately adjacent to 100 Monitor Street in Jersey City, NJ. The purpose of this inspection was to observe and record any structural defects to the existing buildings around the project lot prior to commencement of construction. Project involved a detailed report marking significant damages to building foundations, as well as a photo log to visually record any observed damage.

Town of Secaucus, Street Reconstruction, Secaucus, NJ – Field Engineer responsible for the inspection of the reconstruction of multiple streets throughout Secaucus, New Jersey. Tim oversaw the demolition and construction of the sidewalks, curbs, and streets of the various streets under contract. This project also involved coordination with multiple utility companies, as well as town officials, to assure the street redevelopment was completed with minimal disturbance to the public, and that the finished street elements met all code standards.

Coney Island Infrastructure - Soil Sampling & Boring Logs, Brooklyn, NY– Engineering Technician in charge of oversight and classification of multiple soil borings on site in Coney Island, Brooklyn. As a subcontractor for Mueser Rutledge, Tim's field responsibilities included collection, classification, and logging of soil samples taken at varying depths and at numerous borehole locations. Supervision of correct drilling practice (including safety precautions) by the assigned drilling team from Aquifer Drilling and Testing was also a significant aspect of the project. Off site, Tim was involved with finalizing the soil classifications along with the input of field logs into gINT – a computer program used to clearly organize, and display soil strata breaks and other essential soil properties for the site. Tim was also ultimately responsible for the transport of soil samples to Mueser Rutledge for further lab work.

New Jersey Transit, Meadows Maintenance Complex, Kearny, NJ –

Field Engineer responsible for inspection of a soil boring investigation. Included in the project were the creation of soil boring logs, classification of in-situ soils, as well as recommendations for foundation types and bearing capacities for proposed transformer platforms and flood wall at the site.

Maplewood Township, DPW Fuel Station, Maplewood, NJ – Project Engineer responsible for the structural review of numerous proposed concrete slabs to hold new fuel pumps, tanks, and a canopy. Responsibilities also included the design, if necessary, of new slabs to safely hold the proposed loads from the new structures.

**EDUCATION**

BS, Civil Engineering, Stevens Institute of Technology, 2013
MS, Civil Engineering – Structural Concentration, Stevens Institute of Technology, 2015

PROFESSIONAL REGISTRATIONS

Professional Engineer, License No. 24GE05641600, NJ, 2020

PROFESSIONAL CERTIFICATIONS AND TRAINING

NJT Contractor Safety Training, 2019
HBLR Contractor Safety Training, 2019
Amtrak Contractor Safety Training, 2019
OSHA Construction Safety Program, 10 Hours
OSHA HAZWOPER 40 Hour Training

ENGINEERING SOFTWARE

gINT
AutoCAD
Enercalc
AllPile
SPW911 Sheet Pile Design
HeliCAP Helical Pile Design
Fulcrum
SkyCiv

JEREMY S. JOHNSON, GISP

GIS & Mapping

Professional Qualifications

Jeremy Johnson has 27 years of experience working with GIS technology and data formats. Jeremy's education, training, and years of experience have developed expertise in all GIS technologies including analysis, visualization, database scripting for automation, data collection, mobile applications, data conversion, Web-based GIS, and spatial databases. Initially, his professional career was in the public sector, where he promoted digital data sharing and collaboration, as well as fostering relationships with all levels of public sector and a wide array of private sector disciplines. Recently, his focus has been on open-source Web-based application development (utilizing PHP, JavaScript, HTML, SQL Server, PostgreSQL, Google & ESRI APIs). He is well-versed in creating high-end technical solutions that are economical and scalable. Prior work in city government has afforded Jeremy the opportunity to work with Police and Fire Departments, where he was trained in FEMA Incident Management and has implemented high-level crime analysis techniques to help reduce crime. Having served on many multi-jurisdictional committees and presented on various GIS topics at conferences, Jeremy is a highly respected and well-known member of the GIS community.

Professional Experience

Municipal Master Plan Services, Keyport, NJ – Provided GIS support for updating the Master Plan, including a Community Resilience Element, an element focusing on community resilience, hazard mitigation, and disaster recovery. Jeremy provided data research, management, and creation of layers based on aerial imagery, existing and historical data, and information received from the Borough, County, and State.

North Jersey Transportation Planning Authority (NJTPA) Passaic River Basin Climate Resilience Plan, NJ – Provided technical assistance to obtain, review, and edit background documentation and relevant GIS datasets. The datasets were used to develop a geospatial database of all transportation assets and emergency facilities for the region. Wrote python scripts to update Adaptation Strategies and Factors based on climate and storm conditions for transportation assets in the area.

Off-Shore Wind Transmission Line Routing, Multiple Locations, NY & NJ – Serving as GIS Manager, for review and analyses of potential impacts of offshore wind cable landing sites, converter station site locations, and land routing to existing electric substations. Comparison of alternative projects and documentation of findings for use in responses to offshore wind solicitations by NJ Board of Public Utilities and NY State Energy Research & Development Authority. Included routings to minimize effects on areas of environmental sensitivity, restricted use, and cultural concern as well as to utilize existing public right of ways to avoid property transfer issues.

Hera Power Link Article VII Permitting, Offshore Wind Transmission – GIS Manager working in concert with design team, engineers, permitting staff, and supporting preparation/submission of an Article VII Application. This effort included analysis of route options and identification of the preferred routes (land and submarine). We prepared supporting site-specific studies and consulted with regulatory agencies. The subject of the application is an electric transmission project from the wind energy areas in the Atlantic Ocean to interconnection with New York Power Grid.



EDUCATION

B.A., 1995, Geography, St. Cloud State University, MN
 Certificate, 2013, Risk Terrain Modeling, Rutgers University, NJ
 Certificate, 2012, Crime Analysis, Century College, MN

PROFESSIONAL REGISTRATIONS

Crime Map of the Year (Minnesota Association of Criminal Intelligence Analysts)

PROFESSIONAL CERTIFICATIONS AND TRAINING

Certified GIS Professional (GISCI) (GISP-58425)
 Certified Crime Analyst (Century College)
 OSHA 10 Hour Construction Safety

PROFESSIONAL AFFILIATIONS

AGIC Natural Resources Working Group – Co-Chair
 Minnesota GIS/LIS – Member, Presenter, Mentor
 Anoka County GIS Users Group – Member, Former President
 Minnesota Emergency Preparedness Committee – Member
 Minnesota Association of Criminal Intelligence Analysts (MACIA) – Member, Presenter
 Geospatial Information & Technology Association – Member
 Arizona Geographic Information Council - Member
 International Society of Environmental Forensics

PRESENTATIONS

ADEQ 3D Analysis Application – NEPA Annual Conference (2023)
 Climate Strong Communities Analysis Toolkit and Typologies – NY APA Conference (2023)
 What's in Your Groundwater Modeling Toolbox – Arizona Hydrogeologic Society (2020)
 Risk Terrain Modeling (Residential Burglaries) – AGIC Symposium (2019)
 Risk Terrain Modeling for Residential Burglary – MACIA (2014)
 Errors in Reporting – MACIA (2012)
 Open-Source Web Mapping for Local Government – Minnesota GIS/LIS (2008)
 Metropolitan Stitched Parcel Standards Round Table – Minnesota GIS/LIS (2001)

BILL D. REIMER, LLA, RLA **Landscape Architecture**

Professional Qualifications

Bill Reimer is the Director of Landscape Architecture responsible for the design and oversight of all landscape architecture projects and services and serves as project manager for site planning and site engineering projects. With extensive experience in landscape architecture, site development, and construction management, Bill has completed the design, planning, and construction management for numerous state, commercial, and institutional projects for clients that include the New York City Department of Environmental Protection (NYCDEP), New Jersey Department of Transportation, New Jersey Department of Environmental Protection, and the U.S. Army Corps of Engineers. He has designed parks, plazas, and large-scale site plans for both residential and commercial developments.



Professional Experience

West Orange Streetscape, West Orange NJ – Landscape Architect/Lead Designer for the West Orange Streetscape project. The improvements to the downtown were part of a \$2.2M grant that was awarded to the Township through the Federal Transportation Reauthorization Act of 2005. Design vocabulary boards were created and presented to the public for review and comment. The design vocabulary boards became the backbone for the aesthetic elements of the project.

18 Central Avenue, West Orange, NJ - Landscape architect responsible for the design and development of the landscape plans for the project.

NJ Transit Roseville Tunnel and Track Bed Rehabilitation Design and Construction Services Andover & Byram Townships, NJ – assessed the tree species and tree canopy for the entire length of the project (approx. 8,000 LF) to determine in the project area was forested or not.

Nellie Bennet Marsh Restoration, Pt. Pleasant, NJ– Landscape architect responsible for the design and development of drawings for the restoration of approximately 20 acres of salt marsh. The new marsh will include low marsh, high marsh, tidal pools and maritime forest areas.

Welton Street Park, New Brunswick, NJ – Landscape Architect/Project Manager for the Welton Street Park project. The design includes spaces for community gathering, and educational and recreational activities for nearby schools. The park also includes a rain garden and pervious pavements, which will help reduce pressures on the existing stormwater infrastructure.

Maywood Avenue Wetland Restoration, Maywood, NJ – Project manager and lead designer for the project. Matrix will be providing a monitoring report of the site for NJDEP for the next five years to ensure the success of the installed plant material.

Neilson Street Park, New Brunswick, NJ – Project manager and lead Designer for this new downtown park for the city. Public outreach was performed to gather input on what the community wanted to see in the park spaces. The \$3 million new park will include a dog park, a custom slide, tiered gathering spaces to provide multiple programming opportunities at the park and traffic calming to allow for safe access to the park from the surrounding communities.

Feaster and Pittman Parks, New Brunswick, NJ – Project manager and lead Designer for the reconstruction of the parks. Public outreach was performed to gather input on what the community wanted to see in the park spaces. The \$4 million new park includes a children's playground for the adjacent school, outdoor classroom, two basketball courts, outdoor exercise area, open plaza spaces, outdoor game tables, community gardens, spray park, and Amphitheater for community activity space.

EDUCATION

BS, Landscape Architecture,
Rutgers University, 1992

PROFESSIONAL REGISTRATIONS

Registered Landscape Architect,
New York 1999, Pennsylvania 1999
New Jersey 1999, Connecticut
2021, Louisiana 2021, Mississippi
2023, Delaware 2024

PROFESSIONAL CERTIFICATIONS AND TRAINING CLARB

PROFESSIONAL AFFILIATIONS NJASLA

GAVIN GILMORE, CMI **Hazardous Materials**

Professional Qualifications

Gavin Gilmore has more than 30 years of diverse experience as an asbestos, lead based paint and microbial investigator, project designer, project monitor, technician, and remediation supervisor. Gavin's experience has included multiple size and scale projects for various transportation, industrial and private clients throughout New Jersey and New York. His responsibilities have included all phases of project participation from initial proposal and cost estimating to contract close out. Gavin is equally experienced in project design and specification as onsite project monitoring and site compliance. He brings a necessary and valuable degree of field experience to enhance project execution.

Professional Experience

NJ Transit, Hoboken Terminal and Yard Superstorm Sandy Restoration Project, Hoboken, NJ – Project Manager and American Council for Accredited Certification (ACAC) Certified Microbial Investigator (CMI) responsible for the investigation and remediation oversight specific to Category 3 water damaged areas throughout NJ Transit's Hoboken Terminal and Rail Yard. Gavin was responsible preparing sampling plans, coordinating sampling activities with NJ Transit, sample collection and preparation of the investigation report to determine the presence of bacteria or microbial contamination at the facility. Gavin also designed and prepared the construction documents for the remediation of the contaminated areas identified at the facility as well as construction administration and oversight of the contractor during remedial activities to ensure contractor compliance with approved plans and specifications. Gavin also performed the Post-Remediation Verification and clearance testing of the facility to ensure that the remedial action was effective.

ICON Engineering, East Brunswick Manager's Hall, Mold/IAQ

Investigation – Gavin conducted a limited survey for mold, mildew, and bacteria at visually identified interior and exterior locations at the Township's Little League facility. The survey included a physical inspection of targeted areas to identify indications of moisture damage including, but not limited to, water staining, peeling paint, rotting wood, and visible mold growth. The visual survey included an effort to delineate the approximate size of the moisture damage found in each area (as applicable), the types of building materials involved, and the apparent moisture source. Direct examination (swab) samples were collected to evaluate the presence of mold and determine specific mold genus, growth, and spore count.

Township of Maplewood, Woman's Club of Maplewood,

Mold/IAQ/Thermal Imaging Investigation – Gavin conducted a limited survey for mold, mildew, and bacteria at visually identified interior locations prior to the anticipated property purchase and transfer to the Township. The survey included a physical inspection of targeted areas within the existing structure's basement, lower (ballroom level) floor, 1st floor (balcony level), 2nd floor and attic areas to identify indications of moisture damage including, but not limited to, water staining, peeling paint, rotting wood, and visible mold growth. The survey included a physical inspection of targeted areas to identify indications of moisture damage including, but not limited to, water staining, peeling paint, rotting wood, and visible mold growth, and the collection of direct examination samples (swab) and indoor air quality (IAQ) samples to evaluate the presence of mold and determine specific mold genus, growth, and spore count.



PROFESSIONAL REGISTRATIONS

USEPA/NYS Department of Labor Asbestos Inspector, 2006, Project Designer, Project Monitor, Air Sampling Technician, 2007
NYCDEP Asbestos Investigator, 2008
NJ Department of Health Lead Inspector/Risk Assessor
NY/EPA Lead Risk Assessor, 2007
Certified RMD's LPA-1 Lead Paint System User
New Jersey Asbestos Safety Technician, No. 01272, 2007
NYS Mold Certified Microbial Investigator, 2012
Site Remediation Basics, Rutgers University, 2008

PROFESSIONAL CERTIFICATIONS AND TRAINING

Construction Cost Estimating Training, PANYNJ, 2008
NJ Transit Roadway Worker Safety Training
MTA East Side Access Rail Safety Training
NYC Supported Scaffold Safety Training
National Environmental Confined Space Entry Training

DAVID ALIA**Construction Administration****Professional Qualifications**

David Alia has more than seven years' experience focusing on construction inspections and geotechnical investigations including environmental oversight, environmental assessment and demolition and remediation projects under NJDEP, NYCDEP and NYSDEC jurisdiction for industrial, residential and commercial facilities. David's experience includes, but is not limited to, surface and groundwater sampling, temporary and monitoring well installations, soil classification, management and processing of sample laboratory analyses. David has also assisted in the administrative collection of submittals and invoices as well as the preparation of various geotechnical and environmental technical reports including Geotechnical Investigation Reports, Phase I&II Site Remediation Assessments, Preliminary Assessments, Site Investigations, and Remedial Investigations throughout New Jersey and New York. David is also experienced in using various field instruments for monitoring and sampling levels of contamination.

Professional Experience

City of Orange Spray Park Repairs – Construction Administrator responsible for document control and onsite inspections of various project construction milestones. Responsibilities included reviewing project submittals for compliance with project requirements, tracking construction progress by means of daily site visits, and drafting post construction drawings to supplement previously prepared plans for city inspections.

NJDPMC Decommission Wastewater Treatment Plant – Construction Administrator responsible for document control, coordinating team meetings and onsite inspections of various project demolition milestones. Responsibilities included reviewing project submittals for compliance with local, state and federal guidelines, confirming best practice demolition and remediation activities, reviewing and approving invoices ranging from \$200,000 to \$800,000 and hosting project meetings to track demolition progress and coordinate activity schedules with contractors, special inspectors, and both state and federal project collaborators.

PSEG Floor Drain Project – Quality Assurance Inspector responsible for onsite inspections of various project stages ranging from preliminary utility investigation to punch-list preparations. Responsibilities began with overseeing utility investigations via non-intrusive radar techniques as well as penetrating telescoping inspections to confirm condition and connectivity; this initial responsibility facilitated preparation of final construction design plans. During construction the primary responsibilities were to review and recommend for approval to the client, contractor's quantities, measurements, and requests for payment on a monthly basis, maintain pertinent job records including contract drawings, addenda, change orders, payment estimates, and weekly inspection reports. Additionally, there were obligations to maintain copies of all files related to this project including, but not limited to, all correspondence, permits, requests for information, shop drawings/reviews, design modifications, payment estimates, change orders, cost estimates, inspection reports, record plans and specifications, etc; respond to contractor RFI's within 48 hours, review and approve all submittals within 72 hours, negotiate, review and comment on change orders prior to approval by the client within 48 hours, as required; and prepare final estimate and closeout project as per the contract specifications.

Former Undynamic Facility, Roseland, NJ – Staff engineering responsible for monitoring well installation, sampling and development, post investigation reporting and analysis to assist in the development of a site-specific impact to groundwater soil remediation standards for contaminated chlorinated VOCs in groundwater, and development of a cleanup plan for both soils and groundwater. Former work completed at the site by others identified the site consists of a chlorinated solvent groundwater plume stemming from two known source areas, as well as shallow on-site soil contamination.

**EDUCATION**

BS, Chemical Engineering, New Jersey Institute of Technology, 2015

PROFESSIONAL CERTIFICATIONS AND TRAINING

American Heart Association
CPR/AED for Professional Rescuer

NJ Transit Roadway Worker/ On track Protection trainings

Amtrak Contractor Orientation
Safety

Secured Workers Access
Consortium (SWAC)

40-Hour OSHA HAZWOPER
Training, OSHA 29 CFR
1910.120(e) (3)

OSHA 10-Hour Construction Safety
and Health Training

SECTION 3 – FIRM EXPERIENCE

MUNICIPAL REFERENCES

PROJECT EXAMPLES

MUNICIPAL REFERENCES

THE FOLLOWING IS A LISTING WHERE SERVICES SIMILAR OF THE TYPES PROPOSED HEREIN WERE PROVIDED WITHIN THE LAST FIVE (5) YEARS.

MUNICIPALITY	ADDRESS	CONTACT NAME	TITLE	PHONE NUMBER
Avon By The Sea Borough	301 Main Street Avon, NJ 07717	Kerry McGuigan	Business Administrator	(732) 502-4510
Bayonne City	630 Avenue C, Room 25 Bayonne, NJ 07002	Jimmy Davis	Mayor & CEO	(201) 858-6046
Bradley Beach Borough	701 Main Street Bradley Beach, NJ 07720	Joyce Wilkins	Chief Financial Officer	(732) 776-2999
Brick Township	401 Chambers Bridge Road Brick, NJ 08723	Joanne Bergin	Business Administrator	(732) 262-1058
Clifton City	900 Clifton Avenue Clifton, NJ 07013	Dominick Villano	City Engineer	(973) 470-5805
East Hanover Township	411 Ridgefield Avenue East Hanover, NJ 07936	Joseph Tempesta	Township Administrator	(973) 428-3000
East Orange Township	44 City Hall Plaza East Orange, NJ 07018	June Zheng, PE	City Engineer	(973) 266-5366
Freehold Borough	51 West Main Street Freehold, NJ 07728	Stephen J. Gallo	Business Administrator	(732) 462-4200
Harrison Town	318 Harrison Avenue Harrison, NJ 07029	Robert Riper	DPW Superintendent	(973) 268-2442
Highland Park Borough	444 Valentine Street Highland Park, NJ 08904	Kathleen Kovac	Borough Administrator/CFO	(732) 514-1277
Jackson Township MUA	135 Manhattan Street Jackson, NJ 08527	David Harpell	Executive Director	(732) 928-1200
Jersey City Redevelopment Agency	4 Jackson Square Jersey City, NJ 07305	Diana H. Jeffrey	Executive Director	(201) 761-0821
Keyport Borough	70 West Front Street Keyport, NJ 07735	Jay Delaney	Borough Administrator	(732) 739-3900
Livingston Township	357 So. Livingston Avenue Livingston, NJ 07039	Jeanette Harduby	Township Engineer	(973) 535-7950
Maplewood Township	574 Valley Street Maplewood, NJ 07040	Paul Kittner Jr., PE, PP, CME	Township Engineer	(973) 762-8120
Montclair Township	219 North Fullerton Avenue Montclair, NJ 07042	Kimberli Craft, PE	Township Engineer	(973) 744-1400
Mount Arlington Borough	419 Howard Boulevard Mount Arlington, NJ 07856	Carolyn Rinaldo	Municipal Administrator/CFO	(973) 398-6832
New Brunswick City	78 Bayard Street New Brunswick, NJ 08901	Thomas Valenti	Director of Engineering & Public Works	(732) 745-5056
Newark City	920 Broad Street Newark, NJ 07102	Eric S. Pennington	Business Administrator	(973) 733-6176
Passaic City	330 Passaic Street Passaic, NJ 07055	Doris Dudek, RPPO	Director of Purchasing	(973) 365-5599
Roselle Park Borough	110 East Westfield Avenue Roselle Park, NJ 07204	Andrew J. Casais	Chief Administrative Officer	(908) 245-6222
West Caldwell Township	30 Clinton Road West Caldwell, NJ 07006	Joseph Tempesta, Jr.	Mayor	(973) 226-2300
West Orange Township	66 Main Street West Orange, NJ 07052	Leonard Lepore, PE	Town Engineer	(973) 325-4160
Woodbridge Township	1 Main Street Woodbridge, NJ 07095	Robert Landolfi	Business Administrator	(732) 634-4500

Improvements to Mount Vernon Avenue West Orange, New Jersey

PURPOSE OF CONTRACT

Matrix New World Engineering (Matrix) was engaged by the Township of West Orange Department of Public Works, Division of Engineering, to provide surveying and civil engineering services for the roadway improvements to Mount Vernon Avenue, a sloped dead-end residential street located within the Township limits. These improvements extend from Pleasant Valley Way to Garfield Avenue with a street length of approximately 925 feet. An existing drainage swale on Roosevelt Avenue (paper street) is located approximately 150 feet south from Mount Vernon Avenue and was connected to the Mount Vernon Avenue storm system.

Matrix surveyors provided right-of-way, existing conditions, and topographic mapping established the centerline of the existing right-of-way utilizing Township filed maps, deed, and tax maps for the various properties along the roadways. Matrix civil engineers provided construction documents plans to address the various improvements. The pavement was in various stages of distress. Curbs were intermittently damaged or tilted, with inconsistent curb heights. Sidewalks also had sections needing repair or exhibiting uneven grades due to settlement or heaving. Based on review of the topographic survey, existing Township documents, and field investigations with the town engineer, we identified areas where full depth pavement replacement is warranted, with the balance of the areas requiring milling and repaving. All concrete curbs were replaced with Belgium block stone, with elevations adjustments made to keep a consistent look throughout the roadway. Grade impacts to residential driveways were minimized with replacement of those sections located within the towns ROW.

At the top of the roadway slope, Matrix designed a hammerhead vehicle turnaround section for ease of motion for the town's sanitation and snow plow trucks. Adjacent to the turnaround diversion swales were designed to capture stormwater runoff coming off the steep sloped wooded areas and to keep from flooding out resident's backyards. Matrix sized a culvert to replace the existing drainage swale along Roosevelt Avenue and tied it directly to the Mount Vernon Avenue storm sewer system. The area surrounding this swale was then filled and graded with a small diversion berm/ditch created to capture the small amount of surface runoff from flowing into the adjacent property. In conjunction with the preparation of construction plans, Matrix prepared the construction specifications and project cost estimate.

CLIENT

Township of West Orange
66 Main Street
West Orange, NJ 07052

CONTACT

Leonard Lepore, PE
Director of Public Works
973-325-4160
llepore@westorange.org

SERVICES PROVIDED

- Site/Civil Engineering
 - Land Survey
-

COST

\$20,000

DURATION

2014

KEY PERSONNEL

Jei Chon
Jose Vargas
Emanuel e Bras



Freehold Road-Jackson Mills Road and Cedar Swamp Road Intersection Jackson, New Jersey

PURPOSE OF CONTRACT

Matrix New World Engineering (Matrix) has provided a comprehensive and environmentally-sensitive design for widening and intersection improvements at West Freehold Road – Jackson Mills Road (County Route 638) and Cedar Swamp Road (County Route 527).

Matrix survey crew established horizontal and vertical control across the project site in the New Jersey State Plan Coordinate System (NAD83) and the North American vertical datum (NAVD 1988). A field traverse across the property was established utilizing the latest in both terrestrial and GPS surveying equipment. Topographic and roadway as-built surveys were performed utilizing aerial photography supplemented along with conventional methods. The right-of-way dedication plans were prepared to indicate land acquisition needed for roadway widening.

The engineering scope included preparation of roadway improvement plans indicating realignment and widening of West Freehold Road, widening of Cedar Swamp Road, and reconstruction of the Jackson Mills Road and Cedar Swamp Road intersection. The project also included the design of the stormwater management system to meet water quality and stormwater quantity reduction requirements per NJDEP requirements. In addition, an Individual Permit under Freshwater Wetland Protection Act and Flood Hazard Area Control Act was obtained for proposed disturbance to wetlands/transition areas and vegetation disturbance within riparian buffer.

CLIENT

County of Ocean
129 Hooper Avenue
Toms River, NJ 08753

CONTACT

John N. Ernst
County Engineer
732-929-2130

SERVICES PROVIDED

- Surveying
 - County Road Improvement Design Plan
 - Stormwater Management Design
 - Wetlands Permitting
 - Flood Hazard Permitting
 - Buffer Zone Permitting
-

COST

\$2,500,000

DURATION

2013 - Ongoing

KEY PERSONNEL

Sean Savage, PE, LEED AP
Nitin Nagrani, PE
Robert Fiorile
Donna McCormack

Municipal Waterfront Public Access Plan Bayonne, New Jersey

PURPOSE OF CONTRACT

Matrix New World Engineering (Matrix) was retained by the City of Bayonne to prepare a plan to ensure residents long-term access to the waterfront. Industrial development occupied most of the City's waterfront throughout the 20th Century; however, recent redevelopment in the City has created new opportunities for public access. The intent of the study is to provide a blueprint for development of future waterfront spaces that have a consistent and contiguous character, while taking advantage of the varying settings of the City environment. Analysis included property holdings, regulatory considerations, project costs, grant opportunities, and consistency with the City Master Plan.

CLIENT

City of Bayonne
630 Avenue C
Bayonne, NJ 07002

CONTACT

Hon. Mayor James Davis
Mayors.office@baynj.org
201.858.6034

SERVICES PROVIDED

- Resiliency Planning
- Recreation & Open Space Planning
- Environmental Planning
- Community Outreach
- Geographic Information
- Systems (GIS) Analysis & Mapping

COST

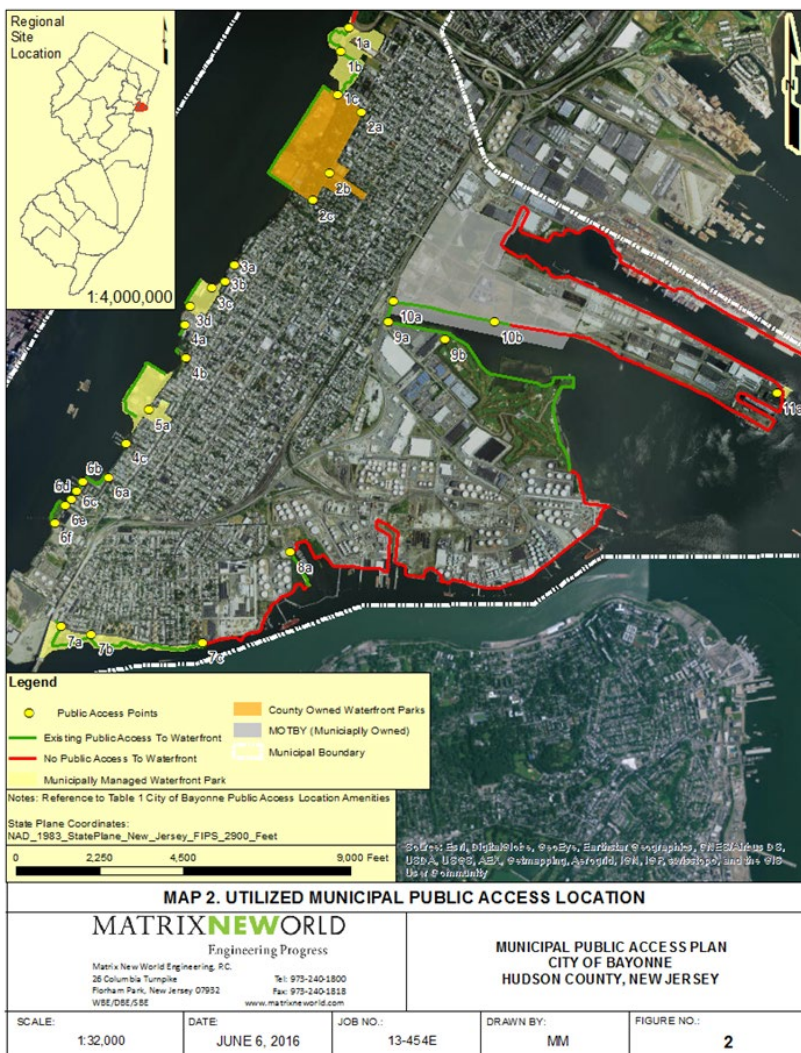
\$60,000

DURATION

2016 - Present

KEY PERSONNEL

William Reimer, LLA, RLA
Maciej Maslonka, AICP
Donna McCormack
Robert Fiorile
Emanuel Bras



Raise Shorelines Citywide Priority Implementation Projects New York City, New York

PURPOSE OF CONTRACT

The New York City Economic Development Corporation (NYCEDC) on behalf of the Mayor's Office of Recovery and Resiliency (ORR) is managing the Raise Shorelines Citywide Project to address vulnerability of NYC shorelines due to sea level rise. Funded through community development block grant funds for disaster recovery (CDBG-DR), the Raise Shorelines Citywide Study evaluated 600+ miles of NYC shorelines to pinpoint and prioritize locations in need of heightened coastal edges and/or reinforced shorelines. The program was developed to ensure that vulnerable coastal neighborhoods and infrastructure are prepared to withstand the impacts of climate change, specifically sea level rise impacts. As part of the study, priority sites were identified to address resiliency and readiness for long-term sea level rise through the implementation of strategic localized projects.

NYCEDC is initially undertaking efforts at five priority sites located throughout the City: Mott Basin (Queens), Old Howard Beach (Queens), Travis Avenue (Staten Island), Edgemere (Queens), and East River Esplanade (Manhattan). In addition to providing sea level rise protection for socially vulnerable populations and their properties, the Raise Shorelines Citywide implementation Projects enhance community resiliency through the construction of walls, bulkheads, berms, and the raising and fortifying of existing infrastructure.

Matrix New World Engineering (Matrix) provides regulatory, ecological, and surveying services for the priority implementation projects. Specific tasks include natural resource, topographic, property, utility, and bathymetric surveys; drainage analysis; and preparation of environmental review documents in accordance with City Environmental Quality Review (CEQR) law and regulations.



CLIENT

NYCEDC
Prime Contractor:
Stantec Consulting
Services, Inc.
61 Commercial Street,
Suite 100
Rochester, NY 14614

CONTACT

Brigid Keating
NYCEDC – Project Director
888-692-0100

Greg Sprich
Stantec
212-366-5600
gsprich@stantec.com

SERVICES PROVIDED

- Natural Resource Survey
- Topographic Survey
- Property Survey
- Utility Survey
- Vault Survey
- Bathymetric Survey
- Drainage Analysis

COST

\$419,150

DURATION

2017 - Ongoing

KEY PERSONNEL

Stephen Moncrief, Jr., PLS
Robert Fiorile
Donna McCormack
Brian Hobbs
Rejina Sharma

Welton Street Park New Brunswick, New Jersey

PURPOSE OF CONTRACT

Matrix New World Engineering (Matrix) was responsible for the design and development of Welton Street Park in New Brunswick, New Jersey. Once construction of the park is complete, it will act as a recreational destination for many residents of New Brunswick. The design incorporates transitional ADA accessible terraced spaces with seating and space for community gathering, two sensory-based play areas, and a rain garden. One of the two play areas provides musical instrument-inspired playground equipment that can enhance the social and emotional benefits of sensory stimulation. The design also includes the use of crosswalk bump-outs that extend into the street to provide traffic calming for a safer pedestrian experience. In conjunction with the rain garden, a portion of the park space is paved with pervious concrete to further reduce impact to the City's stormwater system.

Community outreach was a vital component in the design and development of this park. The community meetings include the distribution of questionnaires which helped Matrix gather information on the needs of the nearby residents and the desired components and features to incorporate in the design. Matrix's collaboration with the community has had a great impact on the successful design of the new Welton Street Park.

CLIENT

City of New Brunswick
Corner of Welton & Drift Street
New Brunswick, NJ 08903

CONTACT

Tom Valenti
Director of Engineering and
Public Works
732-745-5056

SERVICES PROVIDED

- Landscape Architecture
- Site/Civil Engineering
- Construction Administration

COST

\$900,000

DURATION

2017 - 2019

KEY PERSONNEL

William Reimer, LLA, RLA



SECTION 4 – COST PROPOSAL

COST PROPOSAL**2025 MUNICIPAL RATES**

TITLE	RATE
Principal	\$200
Senior Technical Director	\$195
Senior Project Manager	\$190
Technical Director	\$185
Senior Technical Manager	\$180
Project Manager	\$175
Senior Project Professional	\$170
Project Professional	\$165
Senior Project Specialist	\$160
Project Specialist	\$155
Senior Technical Professional	\$150
Senior Technical Specialist	\$140
Technical Specialist	\$130
Senior Data/Field Specialist	\$120
Data/Field Specialist	\$115
Senior Technical Assistant	\$110
Technical Assistant	\$100
Junior Technical Assistant	\$95
Junior Data/Field Technician	\$85

SECTION 5 – COMPLIANCE DOCUMENTS

REQUIRED FORMS (W/ EMPLOYEE INFO REPORT)

NJ BUSINESS REGISTRATION

TOWNSHIP OF WEST ORANGE

REQUIRED EVIDENCE

AFFIRMATIVE ACTION REGULATIONS N.J.S.A. 10:5-31, et seq. (N.J.A.C. 17:27)

If awarded a contract, the Bidder will be required to comply with the requirements of N.J.S.A. 10:531, et seq., and N.J.A.C. 17:27 within five (5) days after receipt of the notification of intent to award the contract, the Bidder shall present one of the following:

Appropriate evidence that the Contractor is operating under an existing federally approved or sanctioned affirmative action program; or

A Certificate of Employee Information Report Approval issued in accordance with N.J.A.C. 17:27-4; or

An initial Employee Information Report consisting of forms provided by the Affirmative Action Office and completed by Contractor in accordance with N.J.A.C. 17:27-4.

The Bidder must submit no later than three (3) days after the signing of the Contract an Initial Project Manning Table consisting of forms provided by the Affirmative Action Office and completed by Contractor in accordance with N.J.A.C. 17:27-7.

Bidders are referred to the Bidder's Information Section of the Bid Packet for a further description of the above requirements.

NO BIDDER MAY BE ISSUED A CONTRACT UNLESS THEY COMPLY WITH THE AFFIRMATIVE ACTION REGULATIONS OF N.J.S.A. 10:5-31, et seq.

The following questions must be answered by all Bidders:

Do you have a federally-approved or sanctioned Affirmative Action Program?

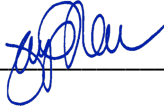
Yes _____ (If yes, submit a copy of such approval.) No X _____.

Do you have a State Certificate of Employee Information Report approval?

Yes X _____ (If yes, submit a copy of such approval.) No _____.

The undersigned Bidder certifies that he is aware of the commitment to comply with the requirements of N.J.S.A. 10:5-31, et seq., and agrees to furnish the required documentation pursuant to the law.

COMPANY:NAME: Matrix New World Engineering, Land Surveying and
Landscape Architecture P.C.

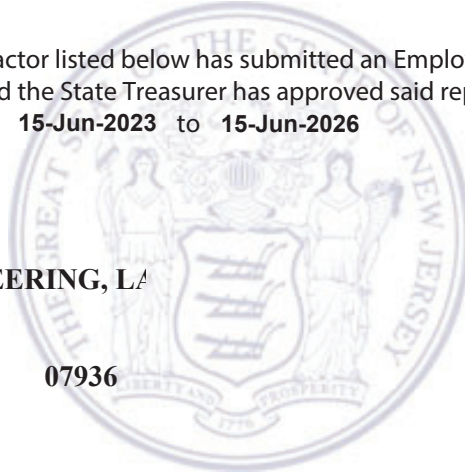
SIGNATURE & TITLE: 

NOTE: A bid must be rejected as non-responsive if a Bidder fails to comply with requirements of N.J.S.A. 10:5-31, et seq., within the time frame stipulated.

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-Jun-2023** to **15-Jun-2026**

MATRIX NEW WORLD ENGINEERING, L
26 COLUMBIA TURNPIKE
FLORHAM PARK NJ 07936



Elizabeth Maher Muoio
ELIZABETH MAHER MUOIO
State Treasurer

AFFIDAVIT OF NON-COLLUSION

The undersigned bidder of full age, being duly sworn according to law depose and hereby specifically certifies that:

To the best of the bidder's knowledge and belief, the annexed bid proposal for this project has not been prepared in collusion with any other bidder of like item or services and the prices, discounts, terms and conditions thereof have not been directly or indirectly communicated by or on behalf of the bidder to any person other than *the* recipient of the bid and will not be communicated *to any* person prior to the official opening of the bid.

The bidder fully understands that no premiums, rebates, or gratuities are permitted either with, prior to, or after signing of contract. Any violation will result in cancellation and removal from the bid list.

The bidder further certifies that the undersigned has the necessary authority, to sign this stipulation stating that the bidder has not entered into any agreement, or otherwise taken any action in restraint of free competitive bidding in connection with this bid.

All references to the bidder are understood to include the undersigned and all principals, partners and officers of the bidder.

(Signature) _____

Lauren Schultz

Subscribed and sworn to

Before me this day November 27 of 20 24

AFFIANT _____

[Signature]



NOTARY PUBLIC OF

MY COMMISSION EXPIRES:

5/2/2029

INSURANCE REQUIREMENTS AND ACKNOWLEDGEMENT FORM

Certificate(s) of Insurance shall be filed with the Municipal Clerk's Office upon award of contract by the Mayor and Township Council.

The minimum amount of insurance to be carried by the Professional Service Entity shall be as follows:

PROFESSIONAL LIABILITY INSURANCE

Limits shall be a minimum of \$1,000,000.00 for each claim and \$1,000,000.00 aggregate each policy period.

Acknowledgement of Insurance Requirement:

Matrix New World Engineering, Land Surveying and
Landscape Architecture P.C.



(Signature)

11/27/2024

(Date)

Jayne Warne, PE - President

(Printed Name and Title)

This form must be completed, signed and returned with RFQ.

C. 271 POLITICAL CONTRIBUTION DISCLOSURE FORM

Required Pursuant To N.J.S.A. 19:44A-20.26

**This form or its permitted facsimile must be submitted to the local unit
no later than 10 days prior to the award of the contract.**

Part I – Vendor Information

Vendor Name:	Matrix New World Engineering, Land Surveying and Landscape Architecture P.C.		
Address:	26 Columbia Turnpike, 2nd Floor		
City:	Florham Park	State:	NJ Zip: 07932

The undersigned being authorized to certify, hereby certifies that the submission provided herein represents compliance with the provisions of N.J.S.A. 19:44A-20.26 and as represented by the Instructions accompanying this form.



Jayne Warne, PE - President

Signature Printed Name Title

Part II – Contribution Disclosure

Disclosure requirement: Pursuant to N.J.S.A. 19:44A-20.26 this disclosure must include all reportable political contributions (more than \$200 per election cycle) over the 12-months prior to submission to the committees of the government entities listed on the form provided by the local unit.

☐ Check here if disclosure is provided in electronic form.

Contributor Name	Recipient Name	Date	Dollar Amount
N/A			\$

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 is cause for automatic rejection of the bid or proposal.

Name of Organization: Matrix New World Engineering, Land Surveying and Landscape Architecture P.C.

Organization Address: 26 Columbia Turnpike, 2nd Floor, Florham Park, NJ 07932

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
Jayne Warne, PE	21 Bloomfield Way, West Orange, NJ 0752
Demetrios Stamatis	218 Ludlow Avenue, Spring Lake, NJ 07762
Neal Weitman, PE	7633 Thornlee Drive, Lake Worth, FL 33467

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.**

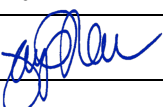
Website (URL) containing the last annual SEC (or foreign equivalent) filing	Page #'s

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 non-corporate 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 **Township of West Orange** 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 **Township of West Orange** to notify the **Township of West Orange** 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 **Township of West Orange** to declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print):	Jayne Warne, PE	Title:	President
Signature:		Date:	11/27/2024

ACKNOWLEDGEMENT OF CORRECTIONS, ADDITIONS AND DELETIONS FORM

I, Jayne Warne, PE - President of the firm
Matrix New World Engineering, Land Surveying
and Landscape Architecture P.C. hereby acknowledge that any
corrections, additions and/or, deletions have been initialed and
dated in this Submission Package.

(Signature) _____



(Date) 11/27/2024

Part 2: Additional Information

Disclosure of Investment Activities in Iran

Person or Entity

Matrix New World Engineering, Land Surveying and
Landscape Architecture P.C.

Part 1: Certification

COMPLETE PART 1 BY CHECKING EITHER BOX.

Pursuant to Public Law 2012, c. 25, any person or entity that is a successful bidder or proposer, or otherwise proposes to enter into or renew a contract, must complete the certification below to attest, under penalty of perjury, that neither the person or entity, nor any parent entity, subsidiary, or affiliate is identified on the State Department of Treasury's Chapter 25 list as a person or entity engaging in investment activities in Iran. The list is found on Treasury's website at www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf.

The Chapter 25 list must be reviewed prior to completing the below certification. If a vendor or contractor is found to be in violation of law, action may be taken as appropriate and as may 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 certify, pursuant to Public Law 2012, c. 25, that neither the person or entity listed above, nor any parent entity, subsidiary, or affiliate thereof is listed on the N.J. Department of the Treasury's list of entities determined to be engaged in prohibited activities in Iran pursuant to P.L. 2012, c. 25 ("Chapter 25 List"). I further certify that I am the person listed above, or I am an officer or representative of the entity listed above and am authorized to make this certification on its behalf. I will skip Part 2 and sign and complete the Certification below.

OR



I am unable to certify as above because the person or entity and/or a parent entity, subsidiary, or affiliate thereof is listed on the N.J. Department of the Treasury's Chapter 25 list. I will provide a detailed, accurate and precise description of the activities in Part 2 below sign and complete the Certification below.

PLEASE PROVIDE FURTHER INFORMATION RELATED TO INVESTMENT ACTIVITIES IN IRAN.

You must provide a detailed, accurate and precise description of the activities of the person or entity, or a parent entity, subsidiary, or affiliate thereof engaging in investment activities in Iran below and, if more space is needed, on additional sheets provided by you.

Part 3: Certification of True and Complete Information

I, being duly sworn upon my oath, hereby represent and state that the foregoing information and any attachments there 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 the **Township of West Orange** 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 **Reference to Township of West Orange** to notify the **Reference to Township of West Orange** 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 the **Township of West Orange** and that the **Reference to Township of West Orange** at its option may declare any contract(s) resulting from this certification void and unenforceable.*

Full Name (Print)	Jayne Warne, PE	Title	President
Signature		Date	11/27/2024



CERTIFICATION OF NON-INVOLVEMENT IN PROHIBITED ACTIVITIES IN RUSSIA OR BELARUS

Pursuant to N.J.S.A. 52:32-60.1, et seq. ([L. 2022, c. 3](#)) any person or entity (hereinafter "Vendor") that seeks to enter into or renew a contract with a State agency 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.

(Attach Additional Sheets If Necessary.)

Signature of Vendor's Authorized Representative

Jayne Warne, PE - President

Print Name and Title of Vendor's Authorized Representative

Matrix New World Engineering

Vendor's Name

26 Columbia Turnpike, 2nd Floor

Vendor's Address (Street Address)

Florham Park, NJ 07932

Vendor's Address (City/State/Zip Code)

11/27/2024

Date

22-3057511

Vendor's FEIN

973-240-1800

Vendor's Phone Number

973-240-1818

Vendor's Fax Number

jwarne@mnwe.com

Vendor's Email Address

ⁱ 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).

AMERICANS WITH DISABILITIES ACT OF 1990
Equal Opportunity for Individuals with Disability

The contractor and the Township of West Orange, (hereafter "TOWNSHIP") do hereby agree that the provisions of Title 11 of the Americans With Disabilities Act of 1990 (the "Act") (42 U.S.C. §12101 et seq.), which prohibits discrimination on the basis of disability by public entities in all services, programs, 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 aid, benefit, or service on behalf of the TOWNSHIP 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 TOWNSHIP in any action or administrative proceeding commenced pursuant to this Act. The contractor shall indemnify, protect, and save harmless the TOWNSHIP, its agents, servants, and employees from and against any and all suits, claims, losses, demands, or damages, of whatever kind of 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 TOWNSHIP's grievance procedure, the contractor agrees to abide by any decision of the TOWNSHIP which is rendered pursuant to said grievance procedure. If any action or administrative proceeding results in an award of damages against the TOWNSHIP, or if the TOWNSHIP incurs 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 TOWNSHIP 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 proceeding is brought against the TOWNSHIP or any of its agents, servants, and employees, the *TOWNSHIP shall* expeditiously forward or have forwarded to the contractor every demand, complaint, notice, summons, pleading, or other process received by the TOWNSHIP or its representatives.

It is expressly agreed and understood that any approval by the TOWNSHIP 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 TOWNSHIP pursuant to this paragraph.

It is further agreed and understood that the TOWNSHIP 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 TOWNSHIP from taking any other actions available to it under any other provisions of the Agreement or otherwise at law.

I acknowledge:

A handwritten signature in blue ink, appearing to be "J. P. [unclear]", is written over a horizontal line.

Signature of Vendor

05/04/16

Taxpayer Identification# 223-057-511/000

Dear Business Representative:

Congratulations! You are now registered with the New Jersey Division of Revenue.

Use the Taxpayer Identification Number listed above on all correspondence with the Divisions of Revenue and Taxation, as well as with the Department of Labor (if the business is subject to unemployment withholdings). Your tax returns and payments will be filed under this number, and you will be able to access information about your account by referencing it.

Additionally, please note that State law requires all contractors and subcontractors with Public agencies to provide proof of their registration with the Division of Revenue. The law also amended Section 92 of the Casino Control Act, which deals with the casino service industry.

We have attached a Proof of Registration Certificate for your use. To comply with the law, if you are currently under contract or entering into a contract with a State agency, you must provide a copy of the certificate to the contracting agency.

If you have any questions or require more information, feel free to call our Registration Hotline at (609)292-9292.

I wish you continued success in your business endeavors.

Sincerely,



James J. Fruscione
Director
New Jersey Division of Revenue

STATE OF NEW JERSEY
BUSINESS REGISTRATION CERTIFICATE

DEPARTMENT OF TREASURY/
DIVISION OF REVENUE
PO BOX 252
TRENTON, N J 08646-0252

TAXPAYER NAME:

MATRIX NEW WORLD ENGINEERING, LAND SURVEY

TRADE NAME:

MATRIX NEW WORLD ENGINEERING

ADDRESS:

26 COLUMBIA TURNPIKE, 2ND FLOOR
FLORHAM PARK NJ 07932

SEQUENCE NUMBER:

0078704

EFFECTIVE DATE:

03/18/91

ISSUANCE DATE:

05/04/16



Director
New Jersey Division of Revenue

FORM-BRC

This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address.

TOWNSHIP OF WEST ORANGE

CHECKLIST

PROFESSIONAL SERVICE TITLE: Municipal Engineering

SUBMISSION DATE: **December 03, 2024 at 1:00PM.**

The following items are required to be **included** with the sealed submission:

- Qualification Statement
- Non-Collusion Affidavit
- Statement of Ownership Disclosure
- Insurance Requirement Acknowledgement Form
- Mandatory Equal Employment Opportunity Notice Acknowledgement
- Copy of your Business Registration Certificate as issued by the
State of New Jersey, Department of Treasury, Division of Revenue
- Acknowledgement of Corrections, Additions or Deletions Form
- Non- Conflict of Interest Declaration
- Political Disclosure Certification
- Iranian Disclosure Statement
- Russia-Belarus Certification
- Americans with Disabilities Act of 1990

Reminder: Please submit one (1) original and one (1) additional copy must be on a USB stick/flash drive/external hard drive. If a company has multiple services, a separate Qualification packet for each service should be submitted.