



QUALIFICATIONS FOR

City of Fort Lauderdale Architectural Continuing Services Contract
RFQ/Event No. 456

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City of Fort Lauderdale
 Architectural Continuing
 Services Contract
 RFQ/Event No. 456



05.22.2025

Contact

David J. Pacheco, AIA
 Senior Vice President,
 Director of Operations

H2M Architects & Engineers, Inc.
 951 Yamato Road, Suite 202
 Boca Raton, FL 33431



866.970.6535 ext. 2031



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Table of Contents

→	Cover Letter.....	2
→	TAB 1	▶ Executive Summary.....3
→	TAB 2	▶ Firm Qualifications & Experience.....4
→	TAB 3	▶ Qualifications of the Project Team.....41
→	TAB 4	▶ Approach to Scope of Work.....52
→	TAB 5	▶ History & Past Performance.....57
→	TAB 6	▶ References.....58
→	TAB 7	▶ Minority/Women (M/WBE) Participation.....59
→	TAB 8	▶ Subconsultants.....60
→	UPLOADED SEPARATELY: REQUIRED FORMS	



architects + engineers

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May 22, 2025

City of Fort Lauderdale, Procurement Services Division
Attn: Paulette Hemmings Turner, Senior Procurement Specialist
101 NE 3rd Avenue, Suite 1650
Fort Lauderdale, FL 33301

RE: Qualifications for City of Fort Lauderdale Architectural Continuing Services Contract | RFQ/Event No. 456

Dear Ms. Hemmings Turner:

The City of Fort Lauderdale is a vibrant and diverse 36-square-mile community within Broward County that is home to more than 186,000 residents. Guided by its commitment to *“sustainable growth and well-designed development through sound planning principles that focus on livability, urban revitalization, growth management, and historic preservation”*, the City is seeking qualified consultants to provide as-needed architectural services. **H2M Architects & Engineers, Inc. (H2M)** is honored to be considered for this appointment. Why should the City of Fort Lauderdale put its trust in H2M?

- **Expertise:** H2M understands that the City’s Press Play Fort Lauderdale 2029 Plan focuses on five areas: public safety, housing, infrastructure and resilience, public places, and business growth and support. Building local communities since 1933, our portfolio of projects includes several facility types that can be found within the Plan. We have designed extensions, renovations, and new standalone fire, EMS, and police stations; residences; park facilities; wastewater and water treatment plants; administration buildings; athletic facilities; aquatic centers; and more. We will use our significant experience to help you succeed by bringing real-world experience, current industry trends, and out-of-the-box ideas to the table. The City will gain the knowledge and up-front critical thinking needed to make this endeavor successful right from the start.
- **Leadership & Support Team:** As Principal-in-Charge and Project Manager, David J. Pacheco, AIA, brings more than 30 years of architectural experience and has studied and/or overseen the design of more than 200 municipal facilities. He will oversee a group of highly skilled architects with experience on diverse facility types. In addition to more than 100 architects, as a full-service firm, H2M can offer engineering support services, including MEP and fire protection engineering, civil engineering, environmental engineering, structural engineering, and water and wastewater engineering. With 580+ personnel in-house, we can easily staff multiple concurrent assignments for the City. We will utilize local, M/WBE subconsultants, whenever possible.
- **Public Safety Station Design Experts:** Goal 1 of the City’s 2029 Strategic Plan is to *“be a safe community that is proactive and responsive to risks.”* Aligned this goal, H2M is currently developing Design Criteria Packages for two City of Fort Lauderdale fire stations (Stations 13 and 88). H2M brings unique expertise specifically in fire and rescue station design. H2M is one of two architects in the country to be the leaders and organizers of the “Firehouse” Preconference Design Symposium since its inception. Two of our architects assigned to this team are co-founders and instructors for the critically acclaimed One-on-1 Station Design Seminar. They were the organizers of the 2009, 2013, and 2017 One-on-1, were integrally involved in 2019, and were featured in 2021. Additionally, we write and mentor on numerous aspects of fire station design and construction.

In summary, H2M offers a proven combination of experience, innovation, and client-focused service that aligns directly with Fort Lauderdale’s vision for the future. We look forward to continuing our working relationship with the City. Please feel free to contact Mr. Pacheco at (866) 970-6535 ext. 2031 or via email at dpacheco@h2m.com should you have any questions or require additional information. Thank you for your consideration.

Very truly yours,

H2M Architects & Engineers, Inc.

Joseph M. Mottola, AIA
Chief Operating Officer, Executive Vice President

H2M Architects, Engineers, Geology, Land Surveying and Landscape Architecture, DPC (NY) offers its services in NY only
H2M Architects & Engineers, Inc. (NJ) offers its services in NJ, DE, CT, FL, LA, MA, PA, VA only
H2M Associates, Inc. (NJ) offers its engineering, land surveying, landscape architecture services in NJ only
H2M will provide appropriately licensed staff for this project - see Staffing Plan for details.

h2m.com

CAM #26-0347

Exhibit 6

Page 3 of 70

TAB 1

★ About H2M | Building Communities Since 1933

H2M is a multi-disciplined professional consulting and design firm. With a long history of client service, we consistently meet tough architectural, engineering, and environmental challenges head on. From treatment facilities to firehouses, from land surveying to road reconstruction, and from site assessment to remediation, our firm has helped design and build many communities. Our connection to the community is rooted in our humble beginnings. We have a tradition of solving problems and we remain passionate and unrelenting as we embrace the ever-changing challenges of the sustainable built environment.

Why Select the H2M Team?

H2M is pleased to submit our qualifications to the City of Fort Lauderdale to provide architectural services on an on-call basis. We have thoroughly reviewed the RFQ and feel we are best suited to provide professional services to the City for the following key reasons:

Expansive Portfolio of Relevant Experience

As a full-service firm with a deep bench of resources, H2M is often called on by our clients to provide as-needed or emergency-type professional services. We are confident in responding in this manner and have developed a management approach that has led to the success of countless projects.

Facility types H2M has worked on include fire, EMS, and police stations; residences; park facilities; wastewater and water treatment plants; administration buildings; athletic facilities; aquatic centers; and more.

In addition, H2M has unique qualifications in fire and police station design and is currently providing these services to the City. No one understands the needs of first responders and emergency service personnel better than a dedicated team with over 100 years combined experience serving their industry. H2M brings significant experience to the City, including expertise in fire, EMS, police, and public safety. Our facility designs focus on the health, well-being, and safety of employees, responders, and the public. Additionally, H2M is continually at the leading-edge of cross-contamination protections, gender equity, sleep deprivation mitigation, and built-in state-of-the-art active and classroom training.

Our team includes several first responders that understand firsthand the challenges and needs of emergency response. H2M is one of two architects in the Country to be the founders and organizers of the Firehouse Preconference Design Symposium; co-founders and instructors for the critically acclaimed, One-on-1, Station Design Seminar; as well as an Executive Board Member on the NFPA AEBO (Architects, Engineers, Building Officials) Board.

Breadth & Depth of Staff

H2M is comprised of more than 580 technical and support professionals in 14 offices, including Boca Raton. In addition to architecture staff, H2M has in-house professionals for mechanical engineering, electrical engineering, plumbing and fire protection engineering, structural engineering, civil engineering, environmental engineering, and water and wastewater engineering. As necessary for the City's projects, we will utilize local, M/WBE-certified subconsultants for civil engineering, permitting, land surveying, geotechnical engineering, and construction inspection.

Strong Interpersonal & Communications Skills

H2M understands that good communication makes for good projects. We propose to offer a single point of contact to the City for all services sought through this contract. That single point of contact will be Principal-in-Charge and Project Manager David J. Pacheco, AIA. Mr. Pacheco is currently leading our Design Criteria Packages project with the City of Fort Lauderdale. He is a FL licensed professional architect with over 30 years of experience in delivering multi-disciplinary design projects throughout the Country. Mr. Pacheco will coordinate all requests with the designated City staff, subsequently mobilize the appropriate team members, and develop strategies with team leaders to complete our assigned work in a timely and efficient manner. This working arrangement will streamline the City's contact and coordination with H2M's team, and minimize misunderstanding of project goals and objectives. Mr. Pacheco will also be responsible for tracking and maintaining schedule objectives and coordinating cost control measures.

TAB 2



H2M was organized in 1933 and founded on the principles of professional excellence, hard work, and integrity.

Practical Approach. Creative Results.

H2M is a multi-disciplined professional consulting and design firm, proud of our long history of client service and consistent ability to meet tough architectural, engineering, and environmental challenges head-on. Since 1933, H2M has helped plan, design, and build many of our local communities: from firehouses to water treatment facilities, schools to road reconstruction, and Environmental Site Assessments (ESAs) to groundwater remediation. Since our early roots, our focus has remained steadfast: to provide quality service with sound judgment and serve our clients as an honest and professional resource. We offer a practical approach with creative results.

Our Staff

H2M prides itself on the breadth of its comprehensive in-house service capabilities. With a diverse staff of more than 580 architects, engineers, surveyors, scientists, planners, landscape architects, and technical support specialists, we offer our clients the benefit of a full “under one roof” consulting network.

72
Registered Architects

128
Professional Engineers

03
Registered Landscape Architects

05
Certified Interior Designer

07
Professional Geologists

03
Professional Planners

02
Professional Land Surveyors

04
Licensed Site Remediation Professionals

37
LEED Accredited Professionals

11
LEED Green Associates

OPERATING PHILOSOPHY	
MISSION	<p>Our People</p> <p>We commit to developing our people and rewarding hard work with growth opportunities in an inclusive professional environment.</p>
	<p>Our Clients</p> <p>We commit to being trusted advisors for our clients and delivering problem solving value and quality on every project.</p>
	<p>Our Communities</p> <p>We commit to creating thriving and healthy communities by giving of ourselves and developing sustainable solutions that benefit everyone.</p>
VISION	<p>We exist to improve the quality of life for everyone in our reach by empowering our diverse talent to sustainably solve the challenges of the built environment.</p>
VALUES	<p>We Stand as One H2M</p> <p>Inclusive. Supportive. Collaborative. No matter where you are.</p>
	<p>We Challenge One Another</p> <p>We show up curious and push boundaries.</p>
	<p>We Do the Right Thing</p> <p>Our character is built on doing what is right and ethical.</p>
	<p>We Work Safely</p> <p>We care for the lives of our people and their families.</p>
	<p>We Own it</p> <p>We hold ourselves accountable for team success and personal achievement.</p>
	<p>We Embrace Diversity</p> <p>We acknowledge and honor the fundamental value and dignity of all individuals.</p>



Architecture

- Architectural design
- Comprehensive grant programs
- LEED design processes
- Interior design
- Removal of barriers to the handicapped
- Master plans and revisions
- Needs assessments
- Planning studies
- Building conditions surveys
- Restoration of historic structures
- Restaurant and kitchen design
- Zoning ordinance review
- Educational facilities design
- Assisted living facilities design

Civil/Site & Structural Engineering

- Roadway reconstruction and resurfacing
- Site plan design
- Street lighting
- Flood control and drainage
- Irrigation systems
- Sidewalks and curbs
- Storm drainage systems
- Water mains
- Local roadway study and design
- Subdivision design
- Streetscape design and improvements
- Parks, playgrounds, athletic fields
- Parking fields
- Highway planning studies
- Intersection design and improvements
- Visual impact analyses
- Resident engineering inspections
- Geographic Information Systems (GIS)
- Green infrastructure design
- Structural conditions assessments
- Structural building design
- Structural renovations/alterations
- Cause and origin investigations
- Retaining walls, bulkhead, and culvert design
- Storm hardening/resiliency
- Expert testimony

Construction Phase Services

- Construction observation
- Shop drawing review
- Scheduling
- Construction administration
- Site safety plans
- Grant administration
- MWBE/SDVOB compliance
- Startup
- Commissioning
- Drone progress photos and video
- O&M manuals
- Utility coordination
- Response to RFIs
- Job progress meetings
- Prepare punch list
- Project closeout
- Record drawings

Environmental Services

- Air and water pollution control
- Hazardous waste management
- Hazardous materials storage design
- Waste minimization

- Environmental Impact Statements (EISs)
- Wetland delineation
- Environmental Site Assessments (ESAs)
- Environmental compliance audits
- Environmental permitting
- Site investigations
- Brownfield assessments
- Remedial investigations/feasibility studies
- Risk assessments
- Above and underground tank management
- Soil and groundwater remediation
- Soil vapor intrusion studies
- Regulatory compliance programs
- Industrial hygiene
- Indoor air quality
- CM/LBP/mold inspections and abatement
- Computer modeling
- Asbestos investigation and removal
- Geographic Information Systems (GIS)

Land Surveying

- Boundary and title surveys
- Topographical surveys
- Horizontal and vertical control surveys
- Hydrographic surveys
- Route surveys
- Subdivision planning
- Sanitary and drainage study maps
- Legal descriptions
- Construction layout services
- As-built surveys
- Architectural surveys
- Structural surveys
- Under-construction inspection surveys
- Easement survey and description

Landscape Architecture

- Tree inventory and assessment
- Tree mitigation
- Landscape design and restoration
- Conceptual site design
- Landscape planning
- Illustrative renderings
- Landscape architectural detailing
- Streetscape and urban design
- Parks and playgrounds design
- Campus landscape design
- Private estate and residential design
- Planting design
- Wetlands mitigation
- Green infrastructure

MEP Services

- Electrical systems design
- Feasibility and implementation studies
- Power supply
- Exterior and interior building services
- Closed-circuit television security systems
- Emergency power generation
- Site/systems and load evaluations
- Energy studies
- Site lighting design
- Fire and security systems
- SCADA systems
- Utility company rebates and incentives
- HVAC systems design
- Heat and cooling load analysis
- Steam systems
- Hydronics

- Heat recovery systems
- Chillers and cooling towers
- Laboratory ventilation systems
- Site/systems evaluations
- Feasibility/implementation studies
- Energy conservation
- Cost/benefit analysis
- Commissioning/testing

Planning

- Comprehensive Master Planning
- Parks, Open Space and Recreation Planning
- Environmental and Natural Resource Planning
- SEQRA and EIS Documentation and Process Support
- Community Visioning
- Zoning Ordinances and Analysis
- Redevelopment Studies and Plans
- Geographic Information Systems (GIS)
- Urban Design
- Design Guidelines
- Renderings
- Feasibility Studies and Conceptual Plans
- Downtown Revitalization
- Expert Private Testimony
- Municipal Board Representation

Wastewater Engineering

- Characterization/quantification of waste
- Treatment facility evaluation
- Scavenger waste facility design
- Outfalls and leaching systems design
- Chemical feed systems design
- Monitoring and control systems
- Nutrient removal treatment systems design
- Facility planning studies
- Wastewater treatment studies
- Wastewater treatment plant design
- Wastewater reuse design
- Standby power systems
- Sludge thickening, dewatering
- Sludge treatment, disposal
- Odor control
- UV and chemical disinfection systems
- Sewer system extension planning
- User cost analysis
- Sanitary sewer design
- Sewer rehabilitation studies and design
- Infiltration/Inflow evaluation
- Pump station evaluations and design
- Sewer flow modeling
- Security systems
- Geographic Information Systems (GIS)
- Discharge monitoring reports
- Plant performance monitoring
- Preparation of O&M manuals
- Facility start-up and operations
- Groundwater/effluent monitoring programs
- Operator training
- Industrial pretreatment programs
- Prepare/revise sewer use ordinance

Water Engineering

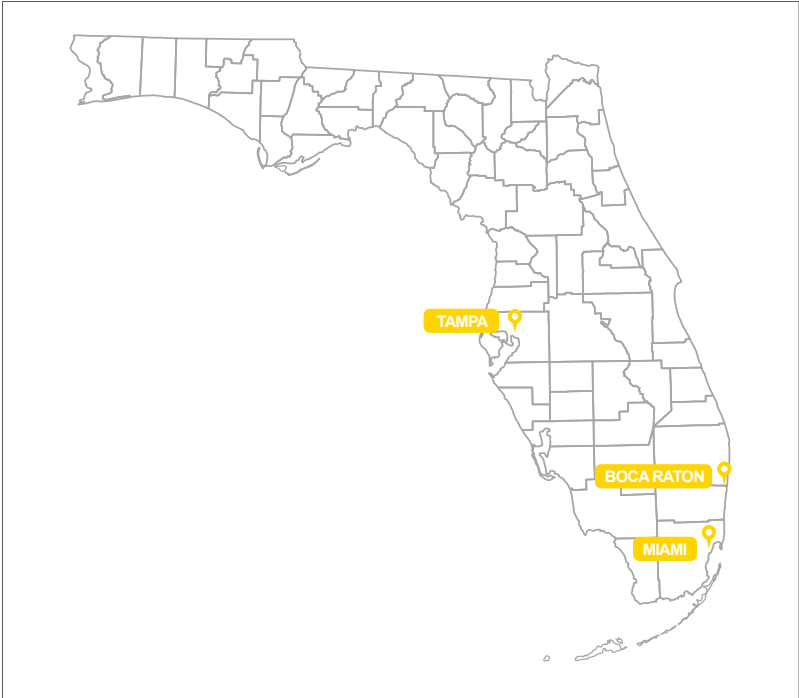
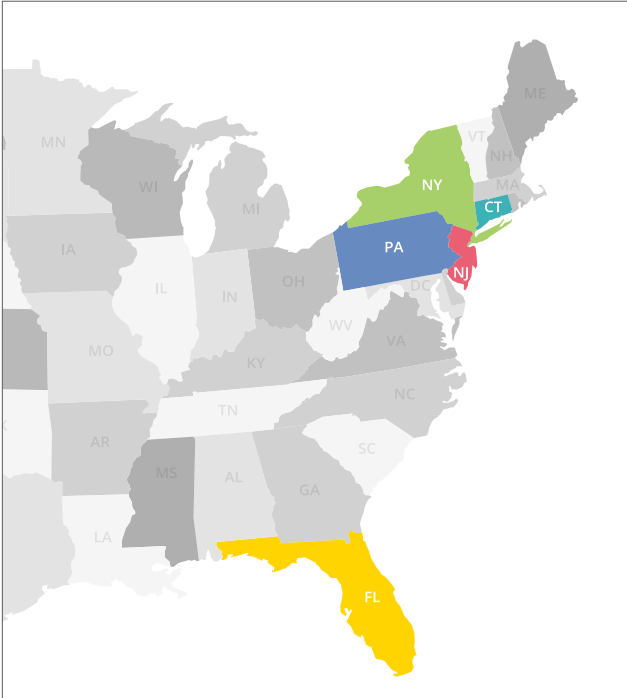
- Supply well design
- Plant rehabilitation design
- Water treatment systems
- Water filtration systems design
- VOC removal treatment systems design
- Distribution system analysis and design
- Distribution hydraulic modeling
- Automated mapping/facilities mapping
- Storage tank rehabilitation/repainting
- Storage tank design
- Tank and coatings inspection
- Instrumentation and computer control designs
- Comprehensive groundwater modeling
- Geographic Information Systems (GIS)
- Aquatics and park design
- Public swimming pool design
- O&M programs
- Training programs
- Asset management



Proposal Contact





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H2M Office Locations | Florida Offices



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Melville, NY 11747
-  230 West 38th Street, 14th Floor
New York, NY 10018
-  737 Roanoke Avenue
Riverhead, NY 11701
-  2 Executive Boulevard, Suite 401
Suffern, NY 10901
-  1133 Westchester Avenue, Suite N-210
White Plains, NY 10605

-  433 River Street, Suite 8002
Troy, NY 12180
-  119 Cherry Hill Road, Suite 110
Parsippany, NJ 07054
-  4810 Belmar Boulevard
Wall Township, NJ 07753
-  360 Bloomfield Avenue, Suite 301
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-  951 Yamato Road, Suite 202
Boca Raton, FL 33431
-  333 SE 2nd Avenue
Miami, FL 33131
-  100 S. Ashley Drive
Tampa, FL 33602
-  301 Grant Street, Suite 270
Pittsburgh, PA 15219

“H2M” refers to H2M Architects, Engineers, Land Surveying and Landscape Architecture, D.P.C. and/or its subsidiary H2M Associates, Inc., and/or its affiliate H2M Architects & Engineers, Inc., as appropriate to the context. Each company’s professional resources are available to the others to the maximum extent permitted by applicable state laws. H2M will not practice, and should not be interpreted to be offering to practice, any professional service for which it and its cognizant employees are not properly licensed.

H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC (dba: H2M architects + engineers) is a NYS Design Professional Corporation. It maintains New York Certificates of Authorization to provide professional architecture, engineering, land surveying, and landscape architecture services.

H2M Associates, Inc. is a New Jersey business corporation. It is a wholly owned subsidiary of the parent company. It maintains New Jersey Certificates of Authorization to provide professional engineering, land surveying, and landscape architecture services.

H2M Architects & Engineers, Inc. is a New Jersey business corporation. It is an affiliate of the parent company, being under the ownership and control of a group of appropriately licensed officers of the parent company. It maintains New Jersey Certificates of Authorization to provide architecture and professional engineering services. It is also appropriately structured to maintain certificates of authority to provide architecture and professional engineering services in Connecticut, Delaware, Florida, Louisiana, Massachusetts, Pennsylvania, and Virginia.



The Core of Excellence is an H2M exclusive initiative that sets us apart from the competition with a focus on excellence and quality as a core element of our services. It's a firm-wide commitment to deliver excellence through innovative and best-in-class service to our clients, colleagues, and ourselves. H2M's Core of Excellence is comprised of four key components:

 QA/QC	 SCHEDULING	 SPECIFICATIONS
<p>We demonstrate our commitment to ensuring quality at the corporate level through our appointment of a full-time Director of Corporate QA/QC to lead the development, implementation, and oversight of H2M's Quality Management System (QMS). This commitment is further reinforced by established quality assurance team members who, independent of the project design team, assure that H2M's components of quality are incorporated. H2M's QMS is comprised of a combination of processes, tools and resources available to all H2M staff. These include Quality Control Checklists, established QA/QC communication channels, and templates all made accessible through H2M's comprehensive Project Management Framework.</p>	<p>We recognize the importance of timely project delivery and take great pride in our ability to quickly mobilize, assign staff, and complete projects on time. H2M developed a custom scheduling interface allowing for consistent data inputs from the entire firm on a bi-weekly basis. This is transitioning to a centralized scheduling database that allows real-time total team scheduling updates and awareness, allowing H2M to actively adapt our resources to meet the needs of even the most demanding project schedules. We can share detailed, easy to read graphic schedules with our clients, allowing them to always have their finger on the pulse of their project's timeline.</p>	<p>Our focus and commitment to excellence and quality is further reflected in our Master CSI-based Specifications Library. A dedicated, full-time Specifications Manager oversees the continual development, standardization, and maintenance of our Master Specifications. H2M utilizes a cloud-based specification software platform that allows all users direct access to our Master Specifications Library to develop project-specific spec books. This process ensures that our project specifications include the latest updates in product data and reference standards.</p>
 BIM/CAD	 SAFETY	 CLIENT BENEFITS
<p>Building Information Modeling (BIM) has revolutionized the A/E/C industry. By using intelligent 3-D digital models to generate our designs, H2M can achieve a higher level of quality, consistency, and efficiency in our production process, minimizing the potential for change orders during construction. We employ a full-time, dedicated, and independent team comprised of design professionals and BIM-CAD specialists whose primary responsibilities are to create, deploy, and maintain company-wide standards, templates, procedures, and workflows. Our adoption of BIM has been the single most important change in how we design and manage our projects.</p>	<p>Safety is essential at H2M. We employ a dedicated corporate health and safety manager within the Core of Excellence. H2M has established mandatory safety training and is actively implementing the Plan-Do-Check-Act methodology. By incorporating safety into our overall quality management systems, we ensure that all of our staff can get home safely each day and that we proactively respond to our clients' health and safety requirements.</p>	<ul style="list-style-type: none"> ★ Well-coordinated construction documents that reduce project change orders and minimize cost overruns ★ Consistent quality and proven performance ★ Optimized resource allocation to meet project demands ★ Increased compliance with the latest industry and regulatory standards ★ Enhanced project visualization via 3D modeling ★ Improved collaboration among all project stakeholders



Introduction

H2M brings significant experience to the City of Fort Lauderdale, including expertise in fire, EMS, and police stations; residences; park facilities; wastewater and water treatment plants; administration buildings; athletic facilities; aquatic centers; and more. We have included a sampling of relevant projects in this section, which were/are managed and designed by the key staff identified in Tab 3.

Many of H2M's projects involve creating new facilities, adding onto existing facilities, and restoring, rehabilitating, or repurposing existing facilities. We often assist and lead the process for regulatory approvals, budgeting, systems and specialty equipment selections, and value analysis.

To meet today's energy needs and see that projects continue to work efficiently well into the future, the entire project team utilizes the most up-to-date knowledge and best practices for sustainability. Our designs and recommendations go beyond just energy efficiency to include LEED certified and storm resilient facilities.

Whatever type of project, its size, budget, or complexity, we have taken them all on with the same approach and understanding. Each is equally important and receives our best efforts and full attention. This approach is how we have built our reputation. We have demonstrated in our work a dedicated approach and commitment to every project and have established a reputation of cutting-edge industry knowledge, design excellence, and client satisfaction.

Minimum Requirements

H2M confirms we meet all minimum requirements associated with this RFQ:

- **2.8.1** - H2M has provided professional services for more than 90 years and has designed fire stations for more than three decades. Our Project Manager, David J. Pacheco, AIA, brings 30+ years of experience overseeing design projects.
- **2.8.2** - H2M understands that the City reserves the right to require we submit evidence of our financial, technical, and other qualifications and abilities of our firm prior to award.
- **2.8.3** - H2M and its principals have no record of judgments or pending lawsuits against the City or criminal activities involving moral turpitude. We confirm we have no conflicts of interest.
- **2.8.4** - Neither H2M, nor any principal, officer, or stockholder is in arrears or in default of any debt or contract involving the City.
- **2.8.5** - H2M is licensed to practice architecture and engineering in Florida. The firm's licenses are included with our separately uploaded forms.

Experience with the City of Fort Lauderdale

► City of Fort Lauderdale Design Criteria Packages for Fire Stations 13 and 88, Fort Lauderdale, FL

Description of the Work: H2M is responsible for the development of two design criteria packages for the Fire Station 13 and Fire Station 88 projects, which are intended to be completed under design-build contracts. The design criteria packages will involve a topographic and boundary survey, geotechnical soil sampling, engineering and architectural

and other related tasks, 3D renderings of up to three design concepts, and 30% design plans and specifications. H2M is also identifying all permits required, dewatering and stormwater pollution prevention requirements, and impacts to local business and residents, based on the data collection.

Client: *City of Fort Lauderdale; Wilfredo Negron, P.E., Senior Project Manager, 101 NE 3rd Avenue, 21st Floor, Fort Lauderdale, FL 33301, (954) 828-3454, wnegron@fortlauderdale.gov*

Duration: 2025 to Present

Contract Amount Awarded: \$1,096,299

Change Orders: None

► Client Testimonial -
City of Fort Lauderdale

"H2M Team is performing a great job. We are very happy to have them on board."

-Wilfredo Negron, P.E., Senior Project Manager

Sustainable Business Practices

Sustainability isn't something we do; it's something we live. We all have a responsibility to the environment and to future generations. Minimizing the impact of projects on our environment, we consider the building envelope, electrical and mechanical systems, site characteristics, local environment, and materials used. We believe that sustainability doesn't have to cost more. Using integrated design, analysis, and research, we design projects that take a practical and efficient approach to sustainability. This is a baseline approach to our design philosophy and all options considered on the project will incorporate sustainability in the discussion.

We look to identify and evaluate potential green opportunities that will have an immediate, measurable impact on key concerns such as energy conservation, global climate change, and occupant health. H2M understands the importance of establishing these initiatives at the outset of each project. If LEED certification is desired, we have the LEED accredited professionals at H2M that will be needed to coordinate and execute the work to obtain certification. We can provide the integrated designs that are desired by LEED, ones that are collaborative and involve all team members and disciplines that are involved in the project. Our in-house and extended project team works to provide options at each stage of design along with first cost and life cycle cost analysis to guide decision making and align decisions with the overall project and specific sustainability goals.

★ Sustainable Design

H2M is a member of the USGBC (United States Green Building Council) and we are committed to taking a leadership role as it relates to building and our environment. We provide an environmentally sensitive approach to our projects, one that is balanced, economical, and specific to the work to be undertaken.

We look to identify and evaluate potential green opportunities that will have an immediate, measurable impact on key concerns such as energy conservation, global climate change, and occupant health.



★ WELL Building Design

H2M has WELL Accredited Professionals on staff that work with our clients to incorporate the tenets of WELL Building Design, which prioritize human health and well-being. Wellness and biophilic design initiatives may be incorporated into projects, positively impacting the overall physical and mental health of the facility's occupants. Examples may include providing access to natural and circadian based lighting, use of natural materials, and opportunities for physical activity.



H2M has also worked with local power authorities in the past to help our clients achieve rebates for improved lighting fixtures, high efficiency HVAC equipment, as well as incentives for achieving energy efficient whole building designs like LEED.

Ability to Meet Time & Budget Requirements

Schedule Control: Many clients have stated that the ability to deliver a quality product on time is the single most important factor in the selection of a consulting firm. We recognize the importance of meeting the project scheduled promised to our clients, and take great pride in our ability to quickly mobilize, assign staff and complete projects under very restrictive schedules. The best solution in the world will not be well-received if it is not delivered on time.

H2M staff meets weekly to review the status of all active design projects. Every market sector leader and department head attends this meeting which is chaired by an officer of the firm to address any circumstance that may impact a project's schedule. This weekly meeting allows us to quickly shift resources to ensure that design schedules are met for urgent or expedited projects. In addition to the company scheduling meeting, our project managers hold weekly project meetings with each individual project team to identify any questions that need to be presented to the client and to determine if additional resources are needed to maintain the committed project schedule.

Cost Control: H2M utilizes BST Financial Management software to track all project financial information. This helps our staff ensure that they perform their required assignments within the client's budget. The BST system is also used as a resource management tool which allows Project Managers to schedule staff based on their projected workload. Designing a project to stay within the client's construction budget requires discipline and an awareness of the impact of design decisions and scope changes throughout the design phase. Cost opinions need to be updated at each design milestone, and an awareness of the construction bidding climate is imperative

to developing accurate cost opinions. All of our staff are aware of the importance of designing to the projects budget and we have been very successful at keeping projects within budget for all of our clients. We typically initiate various cost control procedures throughout each project, including:

- Preparation of budget estimates at three critical project intervals: schematic design, design development, and construction documents phases
- Review constructability of the systems details during project development. This enables us to review the design/cost relationship to verify adherence to the overall budget and program
- Evaluate the relative cost of systems and product throughout design and construction. All information is maintained on a computer network for the project team to access and review regularly
- Assist the owner in evaluating cost proposals from the contractors throughout the bidding and construction phase
- Develop bid alternates that maximize value without compromising quality

Change Orders: H2M works very closely with our clients to avoid or reduce construction claims during a project. First, we put together a very well-coordinated and detailed set of construction documents to minimize issues during construction. We provide a thorough review of contractor qualifications during the bidding process to ensure that the lowest qualified bidder is selected for a specific project. If issues arise during construction, we are proactive in resolving construction claims by working closely with the school administration and its legal counsel as part of the team to enforce contract terms. We are proud of the fact that we have experienced only minimal issues with contractors on our projects and the final constructed product, when considering the tremendous number of projects completed. When issues arise, we provide clear and concise technical advisement to our clients and their council in a timely fashion to assist in the resolution of claims.



Additional experience follows this page.



New Emergency Generator

Town of Davie

Davie, FL

Construction Cost: \$1 million

SERVICES
PROVIDED

Electrical Engineering
Mechanical Engineering
Plumbing Engineering

Architecture
Environmental
Engineering



H2M is developing designs and preparing bid documents to construct a new emergency generator at the Town of Davie Police Headquarters.

The Town currently has an underground storage tank fuel delivery system and an existing 750 KW emergency interior generator. The existing generator system provides full building back-up power for the Town's Police Headquarters building and adjacent Fire Department building. During Hurricane Irma, the generator and emergency system failed and critical operation facility buildings were left without back-up power. The generator has been intermittently failing since the hurricane. The Town received FEMA Hazard Mitigation Grant Program (HMGP) funding for a replacement.

H2M is designing a new 750 KW exterior emergency generator that will tie back to the buildings' emergency electrical systems. The generator will also be tied back to the existing fuel storage tank. H2M reviewed the FEMA flood maps to elevate the generator as required above the Design Flood Elevation.

H2M is also responsible for permitting and approvals, bidding assistance, and construction administration services.



Apartment Complex Expansion



Castle Lanterra

Clearwater, FL

Construction Cost: \$40 million est.

SERVICES
PROVIDED

Architecture
Mechanical Engineering

Electrical Engineering
Plumbing Engineering



H2M is working with Castle Lanterra on the expansion of the Vue at Belleair, existing 339-unit, two-building development.

Castle Lanterra Properties sought to expand its existing 339-unit, multi-family housing development off Old Tampa Bay, Clearwater, FL, utilizing two recently purchased north and south corner parcels. These parcels with the new buildings designed to complement the development's architecture will be a signature cornerstone and beacon for the entire development as one travels on US 19. The new buildings are aligned with and are the terminal vistas of the existing interior pedestrian walkway system off the main motor entry court thus connecting these to the existing both visually and physically.

As the current development falls under Florida's, City of Clearwater's current US 19 Zoning District & Development Standards Overlay, comprehensive Form Based Code (FBC) Design Guidelines and Requirements were required to be analyzed, captured, and designed into the new structures. H2M, along with the owner's civil engineers, synergized the site and building design and layout in conformance with these requirements to obtain a "DO"-Development order to proceed. This also included meeting FEMA regulations and sensitively negotiating siting of the new structures adjacent to the City of St. Petersburg's significant water main easement along the US 19 properties frontages. The facilities design incorporated the client's programming of amenity spaces and parking requirements while exceeding the original residential unit count.

The north and south buildings (72- and 97-units, respectively) are multi-story wood frame over a concrete podium construction. Each building contains one-, two-, and three-bedroom luxury apartments with balconies, tenant ground floor amenities for clubrooms, lounges, and state-of-the-art fitness room, HIIT studio, specialty recreational common spaces, as well as roof-level lounge areas offering views of Tampa Bay with an elevated podium level amenity and outdoor courtyard in the south building. The site design complements the buildings' active design and amenities and incorporates landscaped walkways to US 19 east frontage road, outdoor "elliptical" gardens with seating and lounge areas, and pickle board courts, while the elevated residential levels provide respite from the sun by providing a covered parking option and new electric vehicle charging stations.



New Apartment Complex



Castle Lanterra
Orlando, FL
Construction Cost: TBD

SERVICES PROVIDED

Feasibility Study Architecture



H2M is working with Castle Lanterra on the expansion of their parcel (17C) within the Quadrangle Business Park in Orlando, FL.

The master developer who owns the Quadrangle has granted all parcel owners credits to enhance the development by adding new buildings. H2M is working closely with Castle Lanterra to explore adding a multi-family building to parcel (17C), to share the site with an existing office building.

The parcel is a 9.61-acre site with an existing office building totaling approximately 42,866 square feet. The proposed apartment building is four residential floors over two levels of podium parking.

The additional parking will help alleviate parking loss due to the new building. The parking level at-grade will be for the office/visitors, while the second level of parking is provided for the residential units.

The first level of residential units will contain a courtyard at approximately 9,600 square feet. This courtyard will house a pool and main interactive spaces. The building also contains a two-level amenity at approximately 7,100 square feet. There are two entry points into the building. The main entry faces Quadrangle Boulevard.

The second entry is towards the other end of the property and is more private and will be used for loading and unloading.

H2M conducted a feasibility study of the site in collaboration with the client's civil engineer to see where the multi-family building would best be suited on the site. We explored how to maximize the quantity of units while also providing parking below the residential units.

The project is currently in the early stages of schematic design development.

New Fire Station



City of Norwalk
Norwalk, CT

Construction Cost: \$13.5 million

SERVICES PROVIDED

- Feasibility
- Public Support Campaign
- Regulatory Approvals
- Programming
- Schematic Design
- Budgeting
- Contract Documents
- Public Bidding
- Construction Administration
- Project Closeout



- ◆ 2016 Connecticut Green Building Council Honor Award
- ◆ LEED Gold 2014
- ◆ 2015 Firehouse Station Design Awards Gold Winner
- ◆ F.I.E.R.O. Fire Station Design Awards 2016 Gold Winner
- ◆ F.I.E.R.O. Fire Station Design Awards 2016 People's Choice
- ◆ Build Connecticut 2014 Construction New Construction Award

The City of Norwalk wanted its Fire Department to reuse its existing, very narrow site between U.S. Route 1 and I-95 to build its new headquarters and Federally funded EOC. Due to the site's location and narrow dimensions, it was extremely important to factor in controlling noise pollution, extreme traffic conditions, and air quality throughout the design process.

Pacheco Ross Architects (PRA), a division of H2M, helped obtain a \$1 million grant from federally funded EOC and designed a four-story facility with a large mezzanine to add space within the high bays. Corridors, walls, and roofs were successfully utilized to protect the living spaces from noise and pollution. The large mezzanine spaces were designed adjacent to the bays and classroom. The mezzanine was designed to incorporate numerous active training regimens including a chargeable standpipe, interior rope training, rappelling points, windows, maze, bail out, smoke, blackout, ladder evolutions, floor-to-floor transfer, confined space, rescue hatch, and ability to create additional regimens. The new building achieved LEED Gold Certification by reusing the brownfield site, utilizing daylighting, passive solar gain, state-of-the-art

HVAC energy saving systems, noise abatement, and continuous soy-based insulation, recycled materials, and bamboo flooring.

PRA/H2M faced significant challenges on this project, specifically as it related to the site's narrow width. To manage this challenge, PRA/H2M coordinated the CM, City and Fire Department to acquire additional State owned land through negotiations with State and local DOT, City, and State agencies. The design allowed PRA/H2M to accommodate training facilities, firematic support, public areas, firematic offices, a highly secure city-wide IT center, apparatus bays, administrative spaces and the regional EOC within the new building.

Architect of Record: Pacheco Ross Architects, P.C.
(Pacheco Ross was acquired by H2M in 2016)

Photo Credit: David R. Miller

CAM #26-0347
Exhibit 6
Page 17 of 70

New County Public Safety Facility

Saratoga County Board of Supervisors

County of Saratoga, NY

Construction Cost: \$25.1 million



Feasibility Study
Site Evaluation
Schematic Design
Programming All Users
Budgeting
Construction Administration

Geotechnical
Phase 1A and 1B Cultural
Field Reconnaissance
Design Development
Construction Documents



Law Enforcement Station Design Awards: 2020 Bronze Award

2020 ACEC NY: Gold Award

Critical essential service facility combining County Emergency Services, Emergency Operations Center, 911 Call Center, Sheriff, Public Health, and Probation Departments under one roof for efficiencies in space, coordination, communication, emergency power, community training and outreach.

The Saratoga County Sheriff's Department, Office of Emergency Services, and the County Health Department share similar missions and work hand-in-hand during emergency situations. Their co-location near the existing communications tower on County-owned land is intentional. The addition of the probation Department to the facility helps emphasize the aspect of Probation as a public safety function, related to law enforcement, and encourages communication with the Sheriff's Department.

Placement on the County owned site allows for future growth and provides the County of Saratoga with a central location for all of its emergency response needs.

The need for larger meeting rooms for each use was reduced by incorporating shared conference, meeting, and support rooms. The design is a single-story solution, and layout within each department allows for future growth. The main lobby connects the entrance to each department through waiting areas.



New Main Fire Station

City of Greenfield

Greenfield, MA

Construction Cost: \$17 million

SERVICES PROVIDED

Land Acquisition Studies
Preliminary Design Through
Construction Administration
Public Presentations and
Renderings

Sustainability
Bid Phase/Procurement
Assistance
Grant Funding



Over a span of 10 years, H2M helped the City of Greenfield find the ideal spot and design the perfect fire station while meeting all of their goals.

The Greenfield Fire Department in Greenfield, MA needed a new headquarters. The Department spent many years planning a new station and searching for the perfect site. However, before the Department could find a new location, the adjacent historic library received a state grant build a new branch. This grant was critical for the library, but they had limited time to use it, so the library co-opted the existing fire station and a municipal parking lot for its own use.

The firm worked with the City to help the Department find the best possible site for a new home. In the meantime, H2M designed temporary facilities on a City-owned parking lot that the career Department could use for operations. The final headquarters is the culmination of over a decade of design configurations, scope adjustments, environmental challenges, and the Department's request to meet the Massachusetts Building Stretch Code.

Few sites within the City's downtown area had the space to fit all the Department's needs and many had significant soil or existing contamination issues. It was critical to the Department that the design not sacrifice their plans for a historical firefighting museum or for the station's quality and functionality. H2M's design, presentation, budgeting, and feedback response skills kept the project within budget.

The final design includes two buildings (the main headquarters and a storage annex), totaling 20,234 square feet on an L-shaped site on Main Street. Just inside the main entrance, a historic photo wall leads to a firefighting museum and administrative offices. Living spaces and bunks for first responders are nearby. A ramp leads down to the five apparatus bays and training spaces. The aesthetic is modern but historically sensitive, meaning that the station uses round windows in the gable roof ends with keystones from the original station as well as the materials, forms, and colors to complement the rest of the City.

Environmental sustainability is important to the City. In order to take advantage of a reimbursement program from the local electric utility, the station is designed to target an Energy Use Intensity (EUI) score of 35 or lower. An EUI score represents a building's energy consumption relative to its size. Lower scores are more efficient. The station also meets the Massachusetts Stretch Code, which is an optional annex to the Building Code that requires buildings to be 30% more energy efficient than standard. The facility is all-electric, except for an emergency propane generator and a back-up propane boiler for the in-floor heating. The roof over the bays is designed to support the future installation of photovoltaic panels.

New Combined Fire/EMS Station

Massapequa Fire District

Massapequa Park, NY

Construction Cost: \$9.8 million

SERVICES
PROVIDED

Budgeting & Programming
Bond Referendum Services
Public Support Campaign
Architectural Design
Civil, MEP/FP, Structural, & Environmental Engineering
Schematic Design
Public Bidding
Construction Administration
Construction Observation



- ◆ Firehouse Station Design Awards – Notable
- ◆ F.I.E.R.O. Station Design Awards – Merit

H2M designed a new combined fire and EMS substation to better fit the needs of a modern fire district.

The Massapequa Fire District Board of Commissioners spent multiple years evaluating its facilities to determine the best course of action for its existing Park House Station. The station, built in 1953 with multiple additions over the years, was not compliant with current building codes or well-suited for modern firefighting practices, including preventing carcinogenic cross-contamination. H2M reviewed the feasibility of renovation vs. new construction and found that a major renovation would be necessary to cater to the community's growing needs and the first responders to serve it. The Board of Fire Commissioners selected H2M to design the new station but required the firm to adapt and re-use the original hose drying tower as a prominent feature in the new design. H2M also provided temporary power and critical infrastructure to maintain the operation of the existing 110-foot radio monopole throughout demolition and construction.

The new 21,600-square-foot station comprises seven bays, including one drive-through; integrated hands-on training for confined space, bailout, and standpipe training; decontamination

spaces with a focus on hot-zone design and responder flow; and company offices, fitness facilities, training room, rehab support closet, and large multipurpose room with a folding partition for increased flexibility.

The site is nestled in a residential neighborhood, but the programmatic requirements for the new station nearly doubled the existing square footage. H2M responded to the surrounding community's requests by designing the station to match the local streetscape. The façade blends a traditional masonry station with softer residential elements, such as fiber cement siding, colonial windows, and sloped-shingle roofs with dormers. A split-level second floor reduces the apparent overall building height and doubles as an outdoor wellness patio. False mansard roofs conceal commercial-sized mechanical equipment from view and eliminate the need for ground-level equipment.

Aquatic Center and Athletic Field Complex

Farmingdale Union Free School District

Farmingdale, NY

Construction Cost: \$26.5 million

SERVICES PROVIDED

Architectural Design

Structural Engineering

MEP Engineering

Civil Engineering

Survey

Expediting

Construction Administration



◆ 2018 LIBN Top Education Project

H2M provided architectural and engineering design for a new 26,000 square foot aquatic center for Farmingdale School District.

H2M was responsible for the design of a 26,000 square foot aquatic center with an indoor 25 yards, eight-lane competition swimming pool, and one-meter diving board. Adjacent to the competition pool are two sets of locker rooms - one for swim competition, the other for students attending physical education classes. Both locker rooms contain showers and gender neutral toilet facilities. Training rooms, official's locker rooms, storage, and public toilets surround the pool deck and frame the entrance to the pool. A section of the pool deck is dedicated to elevated bleachers with capacity for 300 spectators, with an unobstructed view of the pool and diving area.

Unique to the complex is the public component that integrates the facility with the surrounding community. Adjacent to the competition pool and separated by a glazed wall panel system is a four feet deep, 2,500 square foot pool intended to be used by the community, youth organizations, and after school senior swim activities. Duplicate locker rooms and toilet facilities

are provided, along with equipment storage and office space for administrative services. Access to the facility via the main entrance is a combination of expansive glazing and structural steel framing that creates an open, bright, and inviting space with a centrally located circulation/security desk and informational kiosk displaying the day's activities and updated event calendar. Since the aquatic center is detached from the middle school, community members can use the aquatic center during the school day. Additional parking spaces now enable faculty and more parents to attend student events and use the facilities in their own time. New pedestrian walkways connect the closest major thoroughfares to the athletic complex. Additionally, this space has already served as the home of the most recent Special Olympics.

Heating and lighting energy efficiency measures, such as high-efficiency pumps, daylight harvesting lighting, and a variable frequency drive, help to keep costs down and limit

the consumption of fossil fuels. State-of-the-art UV filtration, dehumidification, and ventilation systems reduce long-term maintenance costs. The filtration, humidity, and radiant floor heat systems will provide enhanced indoor air quality and help prolong the life expectancy of the equipment and structural components. Long span structural steel bar joist frames the curved roof with a majority of the filtration and skimmer systems contained within a lower level machine room. A co-generation plant provides an energy efficient “green” solution to heat the pool water from heat generated by running the gas fired plant. The generator will provide electrical power to light the spaces and provide an alternative energy source. The building is also equipped with an emergency stand-by generator which will allow the facility to operate as a district command center during natural disasters and provide the capacity to maintain water circulation and heat during power failures. The fiber optic connection the school district network has, along with security cameras and recording capability, ensures a safe and secure environment for the students and staff.

The site component of the project includes construction of a new synthetic turf multi-purpose field striped for various sports teams ¼ mile, six-lane rubber surfaced running track; along with a regulation synthetic turf boys’ varsity baseball stadium, including dugouts, bleachers, bullpen, and batting cages. A separate girls’ regulation synthetic turf softball field is included with bleachers and various site amenities. A synthetic turf carpet was added to better stand-up to the expected wear-and-tear on the fields. At the elementary schools, the natural grass fields were renovated with drainage, fencing, grandstands, and other amenities.

Other site features include a separate bus drop-off area to separate the vehicular traffic for the student teams accessing the site, a comfort station, a concession stand, and landscaped walkways. Additional faculty parking, pedestrian paths, and stadium lighting will create a complete sporting venue with the capability to host night games as well as state and county level competitions.

The design team held bi-weekly meetings with a committee consisting of educators, administrators, facilities managers, student-athletes, coaches, and community-based organization members to discuss their programmatic needs and anticipated use of the facilities. Complex design issues and spatial agencies were prioritized to reduce operating costs, improve energy efficiency, user-friendly facilities that ultimately satisfied the needs of the client.



Aquatic Center and Athletic Field Complex



Environmental Education and Resiliency Visitor Center



New York State Office of Parks, Recreation, and Historic Preservation

West Hempstead, NY

Construction Cost: \$9 million



Architectural Design
Interior Design
Civil Engineering

Landscape Architecture
MEP Engineering
Land Surveying



◆ ACEC-NY Platinum Award

◆ AIA LI Archi Commendation Award

H2M designed an Environmental Education and Resiliency Visitor Center at Hempstead Lake State Park with spaces for public gathering, learning, and training. This is part of the Governor's Office of Storm Recovery's Living with the Bay project.

Hempstead Lake has served for more than 150 years as an important recreational, educational and environmental asset. The Lake rests in the Mill River Corridor, and is a key component to the resiliency strategy needed to improve water quality and mitigate storm-water flooding in communities surrounding the Park. Long Island, specifically the south shore, has been faced with increased severe storm-related flooding; there is a great need for storm resiliency interventions to protect the public, property and environment from future events.

H2M was commissioned by the Governor's Office of Storm Recovery (GOSR) to complete the Hempstead State Lake portion

of the Living with the Bay project, which, in addition to this new building, includes park enhancements and amenities such as public lake access, ADA docks, trail improvements, bird-watching platforms, interpretive and educational signage, and a parking field with green infrastructure. Environmental co-benefits of this cumulative scope include ecological restoration, groundwater recharge, and public awareness.

The state-of-the-art Environmental Education and Resiliency Center is an 8,000 square foot facility, which serves as a centralized destination for the visitors and staff of the Hempstead Lake State Park. This building is designed to educate the public

on the history of the park, the sustainable nature of the building itself, and the resiliency measures addressed under the Living with the Bay projects through interactive and informational displays. Additionally, the facility will be used as a training center for the Nassau County Law Enforcement Explorers program, and will be available to local school districts as an immersive educational space including a wet-lab for hands-on learning and activities. The building offers indoor-outdoor spaces for views and direct connection to the natural environment. The program includes flexible spaces for public gathering, learning and training, toilet facilities, staff offices, and training spaces that will double as an emergency response hub in the event of a local emergency or natural disaster. The building is equipped with a generator capable of powering the entire building during power outages.

This sustainable building was designed to limit construction and operational impacts on the environment, and includes a robust thermal envelope comprised of SIPS panels which provide continuous insulation in both the walls and roof. Sustainable building systems include roof mounted photovoltaic panels, efficient LED lighting, low energy use equipment and fixtures, and an electric vehicle charging station. Materials were chosen for recycled and low-VOC content, and bird-safe glazing is incorporated into exterior openings. Human wellness was also a central design concept. Connections to walking paths within the park, and attractive and well placed stairs will encourage visitors to engage in physical activity. Abundant access to natural light, views to nature and incorporation of natural materials such as wood in the building interior follow proven principles of biophilic design.

Significant effort went into properly siting the building and determining the optimal form. As a federally funded project, it was imperative to maximize usable space and functionality, while being respectful of public funds. The final location was chosen for its slope and views to the water; building the structure into a hill allowed for a walk-out lower level to be incorporated within the budget, provides views to the lake without construction activities occurring too close to this fragile resource, and resulted in a well-anchored building, whose height and connection to the land respects the natural surroundings and blends seamlessly with the surrounding site work.



Environmental Education and Resiliency Visitor Center



Library Addition and Renovation

Oceanside Library

Oceanside, NY

Construction Cost: \$25 million

SERVICES
PROVIDED

Architecture
Programming
Sustainability

Engineering
Design
Bond & Pre-Bond Services



Photo Credit: Rob Lowell



AWARDS

◆ AIA LI Archi Special Lighting Award

H2M worked with Oceanside Library to design a state-of-the-art facility that would serve as a community hub with unique spaces to encourage creativity. The collaborative and innovative design led to the passing of a bond referendum to facilitate this important project.

Oceanside Library provides some of the most innovative and sought-after programming in the country. Their existing facility did not provide them with the space, technology, or flexibility to meet their ever-evolving needs. H2M worked with the Library to design a state-of-the-art facility that would serve as a community hub and a platform for their creativity. A collaborative effort involving H2M's architects and engineers, the Library Board, Directors, and staff, and the local community resulted in an innovative design that led to the passing of a bond referendum to facilitate this important project.

The existing Library was approximately 32,000 sf, while the new design provides approximately 48,000 sf. The Library is situated in a developed suburban area; parking and outdoor space were critical to maintain. Additional square footage was added by demolishing an existing one-story portion of the building, and constructing a lower level, first floor and second floor to match existing levels of the portion of the building to remain. The Library was also able to purchase two adjacent lots to add parking necessitated by the larger building and additional programming spaces. The design incorporates an existing reading garden and a second outdoor plaza, connected to the building and on axis with the building's main entry point.

The design incorporates many unique spaces for Libraries, such as a theater/stage, STEM workshop, podcast room, a demonstration "Discovery" kitchen, craft room, a cafe, and a gallery. Sought after spaces such as meeting rooms and soft seating areas are provided in a variety of sizes and configurations to provide a comfortable and welcoming space for all users. Spaces for adults, teens, tweens, and children are strategically located for ease of access, security, and sound control.

Throughout the building, technology is specifically designed to maximize functionality and versatility of each space, and includes presentation and recording equipment, a room reservation system, Wi-Fi, power, and data access. Sustainability was a key factor in the decision-making process, with highly efficient HVAC and electrical systems, ultra-thermal fenestration packages, a robust building envelope, and low VOC/high recycled content materials and finishes specified throughout.

Subconsultants for this project included EW Howell (Construction Manager), MDA Designgroup (Interior Architect), Theatre Projects (Theater Design), Colburn Guyette (Kitchen Design), and T-Squared (Wayfinding and Signage).

Historic Restoration and Renovation

New York State Office of Parks,
Recreation, and Historic Preservation
Wantagh, NY

Construction Cost: \$3.156 million

SERVICES
PROVIDED

Architectural Design
Design Development

Historic Restoration
Structural Engineering



◆ ACEC New York - Platinum Award

The Jones Beach West Bathhouse has been in continuous operation for more than 85 years, serving millions of visitors each season. Natural events, wars, changing social and cultural demands, major increases in visitation, and material deterioration have all impacted the building. Changing use patterns have also resulted in major alterations to the previous design.

Previous alterations to the West Bathhouse resulted in the replacement of all original finishes. While the original finishes highlighted the structural components of the design, the alterations concealed many of these elements, changing the character of the space completely. Concrete support columns were covered with large ceramic tiles, original concrete floors were tiled over and the original combination pendant light and fan fixtures were replaced with fluorescent light fixtures. A five-bay-wide passageway that linked the pool to the ocean was also closed off and infilled with concession areas.

Jones Beach State Park was listed on the National Register of Historic Places in 2005, changing how the Park and contributing structures are viewed and treated. In 2015, \$65 million was appropriated to the refurbishment of the park.

The first phase of this project returned the 6,000 square foot south side of the first floor to its former historical glory. The main goal of

this portion of the project included the restoration of the original open passageway between the West Bathhouse courtyard pool and the ocean beach, creating a new concession area within the connecting passageway link representative of the original design concept and including modern amenities and park functions. Several resiliency elements were included within the design of the first floor to ensure the space would be protected in the event of a storm or flood.

The second phase of the project restored the Marine Dining Hall on the second floor and preserved the original Art Deco design motifs and interior finishes as visualized by Robert Moses. Renovations of the main dining room and adjacent lobby area were incorporated, inclusive of the construction of exterior terrace awnings. The second floor space will serve as a catering space for special and private functions.

New Marina Building

Township of Neptune

Neptune, NJ

Construction Cost: N/A



New Building and Site Design
Site Planning
Architectural Designs

Structural Designs
MEP Designs



The Township of Neptune hired H2M to design a new two-story, mixed use building along Shark River Waterfront to replace the existing facility which had recently sustained damage during Super Storm Sandy.

The new facility was an opportunity for the Township to do something special along Shark River to strengthen the nautical neighborhood feel. The building is designed using features made popular by Shingle Style and New England style architecture.

The program includes office space, retail space, boat repair, meeting rooms and amenities such as fully accessible toilets, showers, changing/locker areas, vending and covered deck space to escape from the sun.

This building and all its amenities is open to the public and serves as a destination for the boating community and all others looking for a place to congregate or simply enjoy the beauty the Shark River waterfront has to offer.



New Learning Resource Center

Suffolk County Community College

Brentwood, NY

Construction Cost: \$29.6 million

SERVICES
PROVIDED

Architecture
Interior Design

Sustainable Features



AWARDS

- ◆ Architizer A+ Awards
- ◆ AIA New Jersey Honor Award
- ◆ LEED Silver Certification

- ◆ The Chicago Athenaeum - American Architecture Award
- ◆ Society of American Registered Architects of New York - Merit Award

The Learning Resource Center (LRC) at the Brentwood Campus was designed as a new focal point for the Campus, and is centrally located between the existing buildings within the campus grounds.

H2M (Architect of Record) collaborated with Ikon.5 Architects (Design Architect) to implement their design concept of a series of cubes, with strategically placed voids to maximize natural light. The 74,740 square foot, two-story, state-of-the-art facility was designed as an open and airy structure, featuring an impressive centrally located open spiral staircase which connects the first and second floors. The façade of the LRC comprises of large sections of glazing, which allows for an abundance of natural light to penetrate the interior spaces; the light level can be controlled by an independent electronic shade system, when desired. The main architectural feature of the new Learning Resource Center is a 52-foot-high glass lantern which rises above the spiral stairs. All sides of the lantern contain a defined pattern of clear and diffused angle glass panels. During the day the lantern provides natural light throughout the second floor area while at night, it serves as a beacon for the campus.

The first floor contains a spacious lobby directly outside of a 135-seat Lecture Hall, which is loaded with advanced A/V technology. The main circulation desk, storage and collection reservation area is located just inside the lobby, adjacent to the elevators. Other major features of the first floor include an Information Commons area, a series of group study rooms, the reference & paralegal collection areas, and the Center for Academic Excellence. This area contains classrooms, resource rooms, tutoring and testing room, a writing center, an open lab, along with staff offices.

On the second floor, there are five glass-enclosed small group work rooms overlooking the open spiral stairs, along with 51 individual work/study stations along the perimeter of the open space with views of the surrounding campus and natural environment. The second floor also features an athenaeum, Board of Trustees & Video Conference room with a capacity of



81, along with a warming type of kitchen for meetings & events. This area is adjacent to a roof-top garden area that will be utilized for educational purposes, as well as special events sponsored by the College. A large general collection section, individual study cubicles, seven study rooms, a large computer classroom, and a video/photo studio with essential support rooms complete the programming on this floor.

The innovative distribution of program spaces were designed to promote both individual “library” study in its traditional private areas, and dynamic, collaborative activities in the public common areas for students, faculty and visitors. Additionally, the roof garden, abundant natural light, and radiant heating and cooling slabs are among the sustainable features that contributed to the building’s LEED Silver Certification.

New Learning Resource Center



Police Station Renovation

Village of Rockville Centre

Rockville Centre, NY

Construction Cost: \$4.5 million



Architectural Design
Mechanical Engineering
Civil Engineering

Hazardous Material Survey
and Abatement
Electrical Engineering



H2M performed professional architectural and engineering services for the adaptive reuse of the Village of Rockville Centre's water district maintenance garage to house their Police Department, Fire Chief/Council Suite, and Water Department.

The new Police Headquarters facility includes a 24/7 climate-controlled communication/dispatch center with numerous advanced monitors and CCTVs for constant surveillance. This facility also incorporated uninterrupted power supply, and full building generator and a control center. Furthermore, for the processing of detainees, a new enclosed (interior) secure vehicle sally port, personnel sally port, and a New York State Commission of Correction (NYSCOC) approved detention and lockup areas are being installed.

Surrounding the entryway and control-center area ballistic rated walls, doors, and windows to further protect law enforcement agents. Additionally, as the building redefined its site and storage space, utilities were upgraded and incorporated new low voltage equipment, access controls, security systems, plumbing, electrical, and HVAC equipment. A training room with state-of-the-art AV and projectors was created; as well as gender appropriate police bathroom and locker room areas.

The facility is handicapped and ADA accessible and code compliant based on the current New York State family of building codes.

Electrical scope of work included:

- Interior and exterior LED lighting fixtures including building mounted site lighting around entire building.
- High Bay lighting arranged in interior so as not to create shadows below trucks.
- Conference room connections including power/data/telephone capabilities
- Evaluation of energy needs.

New Truck Repair Facility



Gabrielli Truck Sales

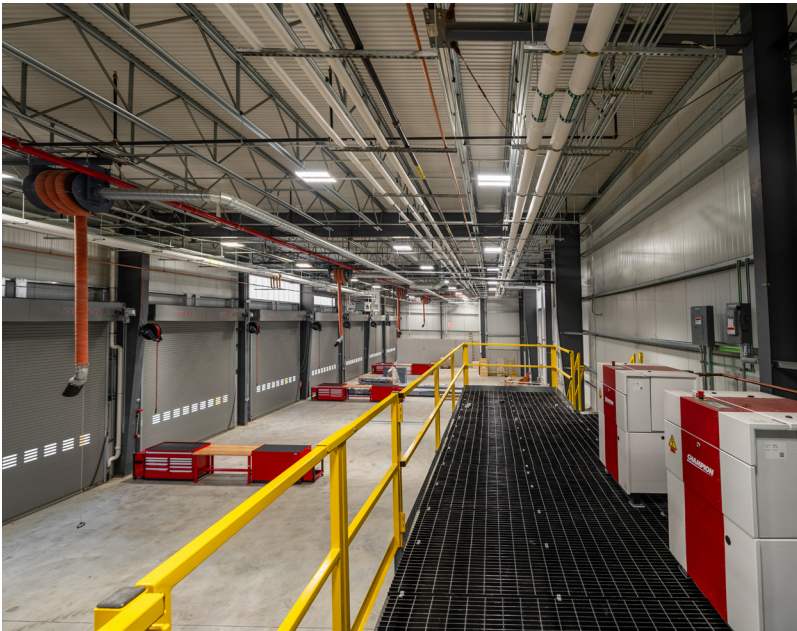
Bronx, NY

Construction Cost: \$19 million

SERVICES
PROVIDED

Architecture
MEP Engineering
Fire Protection Engineering

Structural Engineering
Construction
Administration



H2M has a long-standing working relationship with Gabrielli Truck Services and recently provided design and construction administration services for a new truck repair facility in the Bronx, NY.

H2M designed a 7,000 square foot, two-story commercial facility housing an office and service and parts departments. The facility is adjacent to a 28,000 square foot, one-story, 20-bay service area.

The design utilized non-combustible materials: a pre-engineered steel frame, masonry, glass, and concrete. In addition to architecture, H2M designed the foundation and structure; designed mechanical, electrical, plumbing, and fire protection systems; handled permitting and reviews and approvals through the New York City Department of Buildings (NYCDOB); and provided construction administration services.



Window and Door Upgrades



Battery Park City Authority

New York, NY

Construction Cost: \$1.5 million



Architecture
Historic Preservation

Existing Conditions
Evaluation

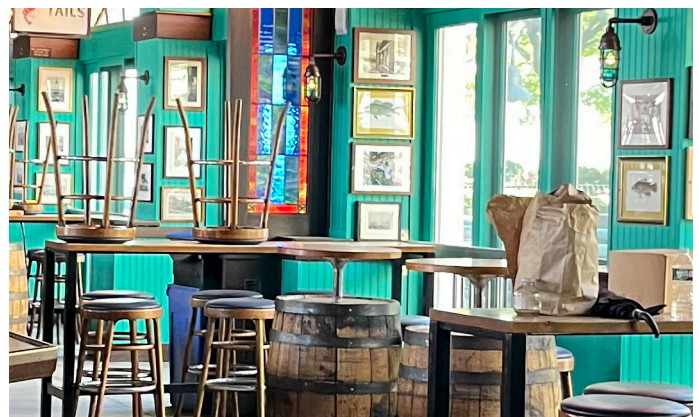
H2M was selected by the Battery Park City Authority (BPCA) to provide a conditions assessment and design upgrades to various windows and doors at the Pier A Harbor House.

H2M was tasked with surveying and providing an existing conditions report detailing the conditions of the original double hung windows, sliders, and swinging doors, frame, and hardware. prepared by H2M. Our team performed visual observations and met with BPCA leadership to discuss the present conditions of the windows and doors, as well as their urgent security concerns as the Harbor House is presently vacant. H2M visually inspected all accessible windows (from the interior and exterior) and noted the conditions of each item in a series of damage mapping elevations. The firm also surveyed the conditions of the first slider windows and all exterior doors.

H2M then designed the replacement of damaged windows with new clad windows to visually match the existing. The original wood windows, frame, and sills will be replaced with new powder coated aluminum units and new sills. The sills will be painted to match the existing windows to maintain the historic character of this landmarked building.

As the BPCA had security concerns about the at-grade doors and sliding windows, H2M designed the replacement of hardware at all door and slider units to prevent break-ins.

This project is currently under construction and substantial completion is expected by March 2025.



New Storage Garage

Hicksville Water District

Hicksville, NY

Construction Cost: \$1.2 million

SERVICES
PROVIDED

Structural Engineering

Construction Administration

Architecture

MEP Services



The Hicksville Water District needed a facility to serve as their main vehicle storage area for District vehicles and trailers.

The District needed a new 5,920 square foot storage garage building to contain the main vehicle storage area for District vehicles and trailers. The facility also needed to house material storage areas with storage cages, sprinkler room and a 1,400 square foot mezzanine with a removable guard rail for loading and unloading of materials.

We provided design, solicitation and construction administration services for this project. Support services included solicitation services, bid reviews and recommendation for award, observation services once a week, shop drawing and submittal review, review of subcontractors, review of change order requests, review of payment applications, contractor schedule review, chairing job progress meetings and preparation and distribution of meeting minutes, request for information support and review of closeout documentation (as-built drawings and O&M manuals).



New Indoor/Outdoor Pool

Long Island Aquatic Club

Uniondale, NY

Construction Cost: N/A

SERVICES
PROVIDED

Pool Design
Electrical Design

Mechanical Design
Health Department Submissions



The Long Island Aquatic Club retained H2M for the design, permitting, and construction of a new indoor/outdoor pool.

The Long Island Aquatic Club called upon H2M's engineering services for the design, permitting, and construction of a new 50-meter indoor/outdoor pool adjacent to the existing Nassau County Aquatic Center in Eisenhower Park. The second pool was required for the possibility of the site hosting larger competitive swimming events and maintain public participation while allowing use of the facility for various swim clubs, schools, etc.

The project included the design of the steel pool with PVC liner including all main drains, inlets, starting blocks, deck equipment, etc.; the design of all recirculation and filtration equipment; UV and chemical disinfection equipment; backwash tanks, surge tanks, etc.

The project also included coordination with the Nassau County Department of Public Works and Department of Parks to connect to the Park's drainage and sanitary systems and to construct the facility without interrupting the use of the existing aquatic center.



Waterfront Park Pool Upgrade

Inc. Village of Great Neck Estates

Great Neck, NY

Construction Cost: \$298,090

SERVICES PROVIDED

Electrical Design

Treatment Design

Mechanical Piping



The Village of Great Neck Estates retained H2M to design swimming pool upgrades at Waterfront Park.

The Village of Great Neck Estates retained H2M to design swimming pool upgrades at Waterfront Park. At the center of the upgrades was the replacement of the existing filtration and recirculation systems, chemical controls, and associated piping systems. Additionally, the main drain sumps and piping required replacement.

H2M prepared construction documents for the purpose of receiving bids from qualified contractors and obtaining regulatory approval from the County health department. During construction, H2M conducted progress meetings with the owner and contractor, reviewed shop drawings, and processed contractor payment requisitions. Additionally, construction observation services were provided to monitor conformance of the construction to the design plans.

The project was completed in time for the 2017 summer season.



Spray Park Rehabilitation

Town of Babylon

Babylon, NY

Construction Cost: \$300,000

SERVICES
PROVIDED

Electrical Design

Treatment Design

Mechanical Piping



H2M was retained by the Town of Babylon to design the rehabilitation of the Tanner Park Spray Park and filter room after the filter room was flooded during Superstorm Sandy.

H2M was retained by the Town of Babylon to design the rehabilitation of the Tanner Park Spray Park and filter room after the filter room was flooded during Superstorm Sandy. The filter building was inundated with over four feet of water which damaged a majority of the equipment, including all pumps and ultraviolet (UV) disinfection equipment.

The project consisted of assessment of all equipment at the spray park and recommendations as to whether equipment can be salvaged, repaired, or replaced. The design included the replacement of all the pumps and associated piping, flow meters, etc. The UV system was replaced with a smaller medium pressure system and was raised above the flood line to protect it from any future flooding. All the existing electrical conduits were flushed and cleaned of salt water and all wiring was replaced.

Controls were added to the control panel to help the Town operate the spray park in a safer and more efficient manner than previously used.



Facilities Assessment Study

Municipality of Princeton

Princeton, NJ

Construction Cost: N/A

SERVICES PROVIDED

Zoning, Demographic, and Planning Analysis

Reports and Studies

Building Conditions Assessments

Structural Evaluation

HVAC Engineering

Plumbing Engineering

Preliminary Concept Plans

Stakeholder Outreach



On January 1, 2013, the Borough of Princeton and the Township of Princeton consolidated to form the Municipality of Princeton. Services offered by the Borough and Township were merged, but the new Municipality wished to retain both the Township Municipal Building and Borough Hall for potential repurposing or resale at a later date.

H2M was hired to assess the short- and long-term improvements to these two facilities, along with nine other municipal properties and facilities throughout Princeton, and recommend strategies and timelines for consolidating these facilities.

The objective of the study was to assess these existing facilities and provide a strategy to meet the future needs of the Municipality and its departments in a cost-effective manner. By attempting to consolidate services in central locations, the study outlined actions the Municipality could take regarding the facilities that were recommended to be vacated.

The scope of H2M's work included building condition assessments; zoning, demographic, and planning analysis; identification of building deficiencies; and interviews with municipal department heads to determine the needs of each department. Based upon this analysis, H2M provided recommendations and strategies along with concept plans to help guide the Municipality's ability to efficiently provide services to residents and facilitate interdepartmental coordination.



New Health and Wellness Center



**Suffolk County
Community College**
Riverhead, NY

Construction Cost: \$21.5 million

SERVICES PROVIDED
Architectural Design
ADA Accessibility
Construction Administration



H2M was selected to design a long-awaited 46,000-square foot Health and Wellness Center at the Suffolk County Community College Eastern Campus.

H2M was the Architect of Record for a long-awaited 46,000-square foot Health and Wellness Center at the Suffolk County Community College Eastern (Riverhead) Campus, alongside Ikon.5 Architects as the Design Architect. The facility was first proposed in the original Master Plan for the Eastern Campus, but funding was never allocated. As the Eastern Campus never had any indoor facilities for physical education, it was difficult for students to meet physical education requirements.

The new multi-functional building features an eight-lane, indoor swimming and diving pool with a spectator area, full locker facilities, a 11,560-square foot gymnasium with an indoor perimeter track, two state-of-the-art classrooms with a movable partition for group instruction, a food serving area off the main lobby, as well as an elevated, complete-strength training area and rock climbing wall.



The massive 26-foot scored pre-cast concrete exterior panels are separated by tinted glass and translucent panels which provide an abundance of natural light into the interior spaces throughout the building. The entire building is ADA accessible.

Completed in 2019, the Eastern Campus Health and Wellness Center is the East End's largest indoor, heated aquatic facility. The facility is available for student activities, surrounding school districts, and public use for a nominal fee.

New Health and Wellness Center



Kitchen Renovation



Nassau University Medical Center

East Meadow, NY

Construction Cost: N/A

SERVICES PROVIDED

Architectural Design

Master Planning



H2M staff designed kitchen and cafeteria improvements at the Nassau University Medical Center.

Members of the H2M team were responsible for the design of renovations and upgrades to the existing main kitchen facility at the Nassau University Medical Center, as well as the design of a new employee cafeteria.

Nassau University Medical Center had requested that the architect develop a master plan, along with construction documents, for the renovation and upgrade of their entire existing kitchen. In addition, part of their program involved the creation of a new dining area adjacent to the kitchen strictly for their employees. The original employee cafeteria was eliminated when the Medical Center constructed their new emergency room.

The team worked very closely with the administration, kitchen manager, and facilities personnel during the planning process in putting together a comprehensive work plan that would minimize down-time within the kitchen.

The master plan included the following:

- Hot and cold food production areas
- Patient meal tray assembly space
- Dishwashing area
- Refrigeration and freezer space to support food preparation for approximately 400 patients and roughly 1,000 staff meals each day
- Office space for the Food and Nutrition Department
- Upgrade of space and equipment to meet all fire and building codes, along with requirements of the Joint Commission



Kitchen Renovation



Advanced Wastewater Treatment Facility Wastewater Reuse for Golf Course Irrigation

Town of Riverhead

Riverhead, NY

Construction Cost: \$21.9 million

SERVICES
PROVIDED

Design
Construction
Administration

Operation and
Maintenance Manual
Construction Operation

The Riverhead Sewer District was required to upgrade the existing sewage treatment plant in order to achieve a total nitrogen effluent limitation of 3.2 mg/l based on the total maximum daily load (TMDL) conducted for the Peconic Estuary Program. Due to the location of the Suffolk County Indian Island Golf Course, adjacent to the wastewater treatment plant, wastewater effluent will be used seasonally as an alternative water supply source for irrigation of up to 450,000 gallons per day. This is the first wastewater reuse project in New York.



AWARDS

◆ ACEC New York
Diamond Award

Benefits from this project extend well beyond nitrogen loading within the Peconic Estuary. Water shortages may change the water supply conditions that are currently taken for granted. The golf course currently utilizes on-site wells for irrigation. Continued use of groundwater as the irrigation source of supply is bound to affect the salt water / fresh water boundary. Irrigation with potable water from the local municipal system is already expensive and puts a stress on the existing potable water supply.

We designed the treatment plant upgrade and water reuse systems. The design included the installation of all process equipment including, but not limited to: headworks fine screen, screenings, washings, add air diffusers to the existing Sequencing Batch Reactor (SBR) tank, convert the existing post-equalization tank to Membrane Biological Reactor (MBR) system, aeration blowers, pumps, chemical feed equipment, polymer mixing and feed equipment, controls, piping, backflow preventers, convert the existing trickling filter tanks to treated effluent tanks, a booster pump for the treatment plant effluent re-use system, a booster pump to supply treatment plant effluent for irrigation use at the adjoining golf course, UV disinfection equipment for WWTP discharge, and a closed vessel UV disinfection system for the golf course re-use systems. The electrical design included a primary electrical service, main secondary feeders, power distribution, and instrumentation control wiring, standby generator for new equipment, and motor control centers. We also prepared the structural, architectural, mechanical, plumbing and HVAC designs.



Since permit levels of treatment must be maintained during construction, certain existing process equipment and units cannot be taken offline until new facilities are placed into permanent, fault free operation. Consequently, we included the specifications a construction sequence. During construction we provided construction administration, observation, and start-up services. We also prepared an operation and maintenance manual for the upgraded advanced wastewater treatment system and the water reuse systems.

Sewage Pump Station and Force Main

Nassau County Department of Public Works

Locust Valley, NY

Construction Cost: \$7.1 million

SERVICES PROVIDED

Engineering Report
Survey
Design

Shop Drawing Review
O&M Manual



AWARDS

◆ ACEC New York - Gold Award

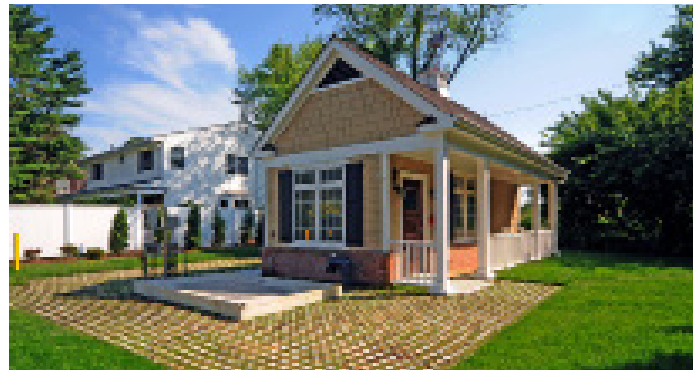
◆ ASCE L.I. Branch - Quality of Life Award

H2M planned and designed the pump station and conveyance system to serve all 60 residential parcels within Continental Villas.

The Continental Villas subdivision in Locust Valley, NY was developed in the 1960s during a period of historically low groundwater levels. Immediately after completion of a number of the homes in the development, they encountered difficulties with their on-site sanitary sewage systems. In the 1980s, overflow piping was installed to service many of the failing septic tanks. Septic tank effluent was directed to a common chlorine contact chamber that discharges to Mill River Preserve. This measure was intended as a temporary remedy, and the discharge from the contact chamber did not meet current water quality standards. The Nassau County Department of Public Works was given the responsibility of making an environmentally beneficial improvement to serve this area with failing on-site sanitary systems.

H2M planned and designed the pump station and conveyance system to serve all 60 residential parcels within Continental Villas and to allow the future connection of an additional 120 homes located in a residential area immediately to the south of Continental Villas. Wastewater from these areas is conveyed to the Locust Valley Regional Sewage Pump Station located within the Continental Villas subdivision. The pump station is located at the site of the existing disinfection chamber. In lieu of construction of a wastewater treatment plant on a parcel within Continental Villas, wastewater generated within the planning area is conveyed to the City of Glen Cove for treatment and disposal. The environmental benefits of constructing the Locust Valley Sewage Pump Station include elimination of residential septic system discharge to groundwater near estuarine and marine wetlands and elimination of a chlorinated wastewater point source discharge to Mill Neck Creek, a tributary of the Long Island Sound.

Wastewater is conveyed from the pump station through a force main over three miles in length. To minimize road restoration and impact to vehicular traffic, directional drilling was used to install most of the HDPE force main pipe. The use of HDPE pipe will also reduce operating costs due to friction losses compared to other pipe material.



Two pairs of pumps in series have been provided to convey the wastewater. A precast concrete wet well, a precast concrete dry well and two precast concrete buildings were utilized. Architectural finishes on the buildings were designed in coordination with input by local residents. A vapor phase odor control system was provided for the wet well and ventilation from the wet well was through an activated carbon vessel. An emergency standby power generator and an aboveground, double-walled fuel oil tank were also provided at the facility. In lieu of an asphalt pavement driveway, a permeable reinforced concrete grid paver has been installed. 1,150 feet of 10 inch diameter sewer was installed to provide for future connections.

TAB 3

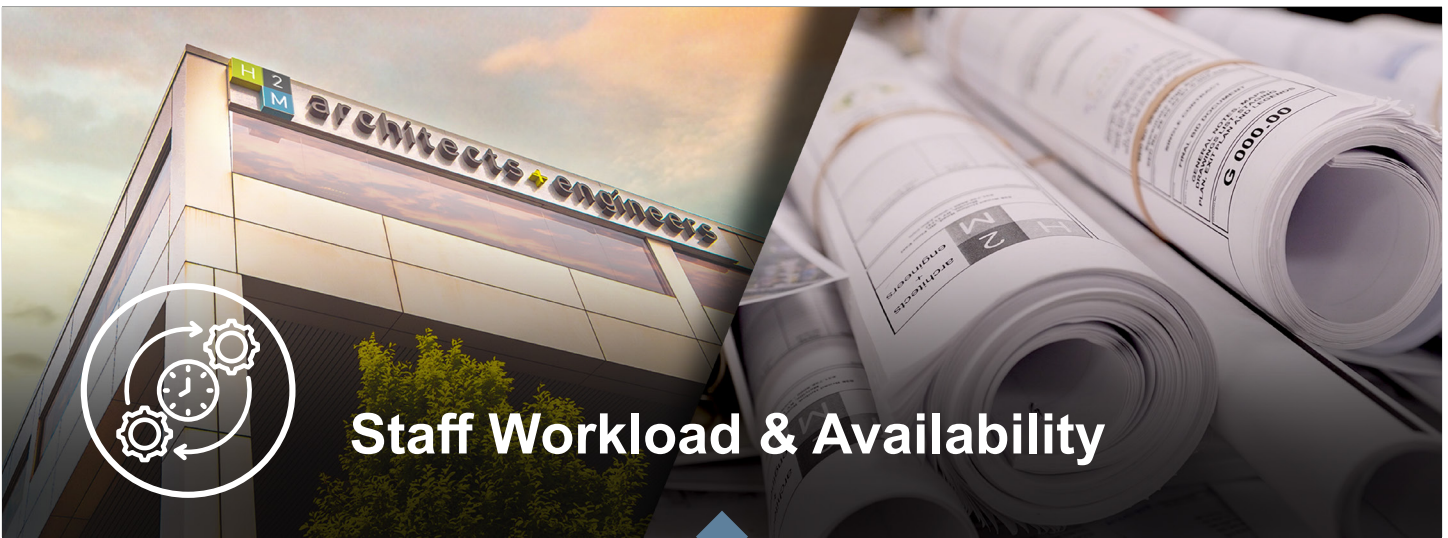
Team Organization

The successful completion of any project requires a diverse pool of experienced personnel capable of performing tasks within their area of expertise. We are also aware that success is dependent upon the close cooperation required between the H2M team and the project personnel of the City. The proposed organization of personnel and resources is intended to bring together a team of professionals that can focus on project objectives as well as respond to unanticipated circumstances or issues, should they arise.

As shown on our organizational chart in this section, our team has been organized with our proposed Principal-in-Charge/Project Manager serving as the single point of contact for the City. Mr. Pacheco currently serves as Project Manager for the City of Fort Lauderdale Design Criteria Packages for Fire Stations 13 and 88 project. He will oversee the architectural staff for each assignment provided by the City.

Key Personnel

In any business endeavor, effective leadership helps create confidence among participants and encourages a professional and positive environment. We have hand-selected a team of experts to work on the City's projects. They will leverage their lessons learned on similar projects to make each project a success. Resumes for key and support personnel are provided at the end of this section.



Staff Workload & Availability

At any time, H2M has more than 1,000 active projects varying in size and complexity. These projects span the firm's multi-discipline practice. As such, it would be impossible to list all ongoing and projected projects for the firm. However, H2M has reviewed the information provided by the City regarding the required capabilities for this project. As part of this assessment, H2M reviewed our monthly project detail reports, staff utilization reports, and financial management and resource planning software. Based on this review, H2M identified no deficiencies that would prevent an expedited response for any services to be tendered under this contract for the City of Fort Lauderdale.

Key Personnel

Below, we have provided highlights for our key personnel. Additional information can be found on their resumes.



David J. Pacheco, AIA | Principal-in-Charge/Project Manager

Mr. Pacheco has 30+ years of architectural experience (29 years with H2M) and is H2M's Director of Operations. He has personally designed and/or evaluated 200+ emergency response facilities and received numerous accolades for his practical and aesthetically pleasing creations that respond sensitively to client needs, budget, codes, the environment, and the community. As Principal-in-Charge, Mr. Pacheco has the authority to commit and apply the resources necessary to meet the City's technical requirements and schedule. As Project Manager, he will be responsible for technical and administration project oversight of individual assignments. He will also serve as the City's primary point of contact. Relevant H2M projects include:

- Town of Davie Police Department Generator Replacement
- City of Fort Lauderdale Design Criteria Packages for Fire Stations 13 and 88



Dennis A. Ross, AIA | Technical Advisor

Mr. Ross has 50 years of experience (29 years with H2M) in architectural design. With additional experience in construction management, feasibility studies, and land evaluations, Mr. Ross is able to assess projects from multiple points of view. He leverages his expertise and experience through teaching, writing, and speaking at numerous national engagements. Mr. Ross is one of the leaders and co-founder of the critically acclaimed One-on-1™ Fire Station Design Symposium. He will be a Technical Advisor and resource to the team on an as-needed basis. Relevant H2M projects include:

- City of Fort Lauderdale Design Criteria Packages for Fire Stations 13 and 88
- City of Greenfield New Fire Headquarters



Patrick O. Stone R.A., LEED AP BD+C | QA/QC Manager

Mr. Stone has 18+ years of experience in developing and managing various facility projects. He has worked for H2M his entire career. Mr. Stone has focused on public works projects, specifically in fire and police projects, and takes great pride in engaging in community driven projects. His passion for the fire service is what drives his design and focus in the Public Safety Market. As our proposed QA/QC Manager, Mr. Stone will provide internal QA/QC and peer review of all design documents before submission to the City. Relevant H2M projects include:

- City of Fort Lauderdale Design Criteria Packages for Fire Stations 13 and 88
- Port Washington Police District New Headquarters

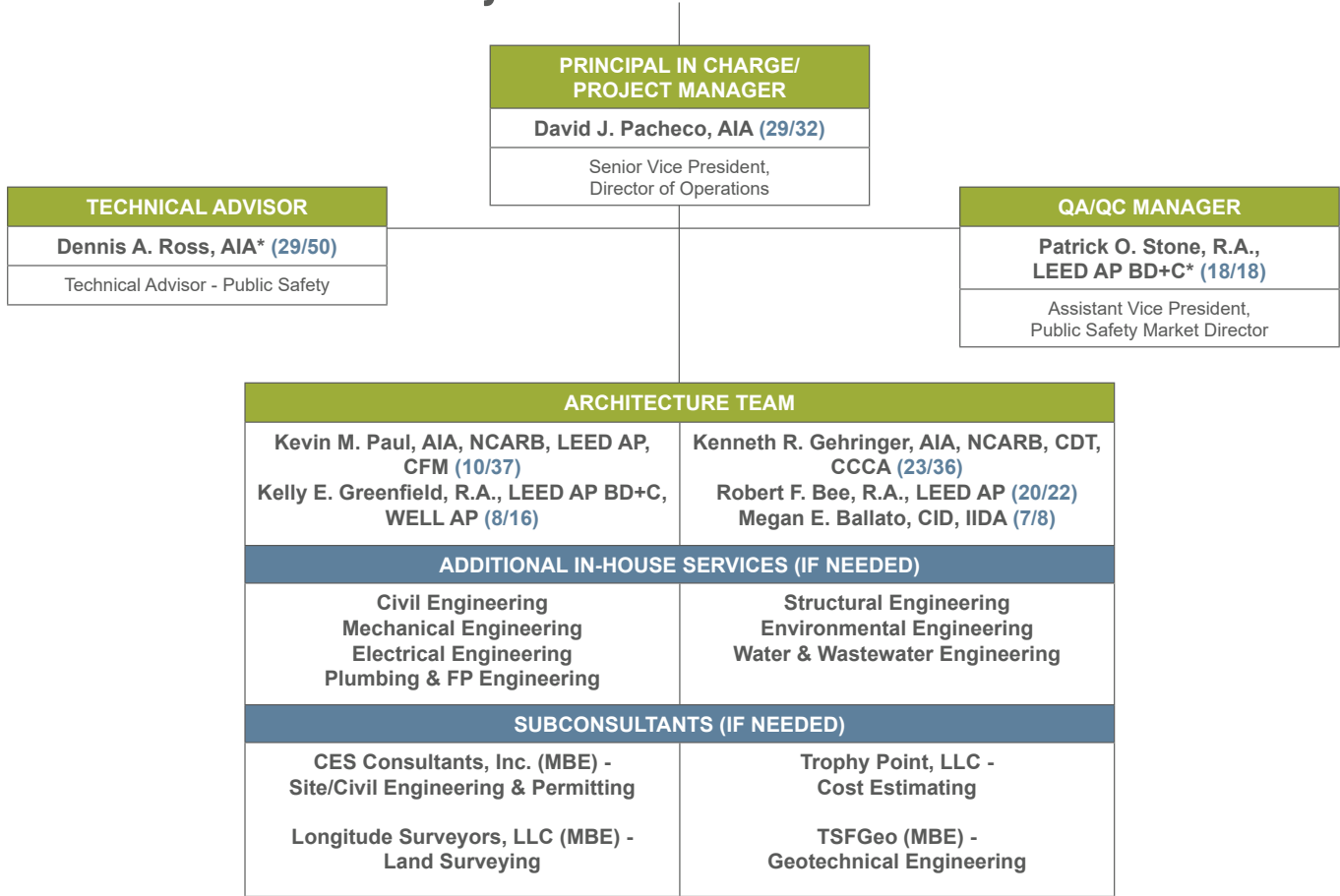


Kevin M. Paul, AIA, NCARB, LEED AP | Lead Architect

Mr. Paul has over 35 years of design and construction experience in Florida and New York, with 10 years at H2M. He manages and facilitates all phases of architectural and design projects from initial studies through construction administration. Mr. Paul is responsible for preliminary design, construction document preparation, budgeting, scheduling, planning, code analysis and construction administration. Relevant H2M projects include:

- Castle Lanterra Condominium Improvements in Clearwater and Orlando
- Mayor's Housing Recovery Office's (HRO) Build it Back Program

City of Fort Lauderdale



* - Licensed Outside of FL
(Years with H2M/Years of Experience)



Resumes for the above referenced personnel are provided following this page.





David J. Pacheco AIA

Senior Vice President, Director of Operations



Mr. Pacheco has more than 30 years of architectural experience, with 28 years of specialized knowledge in the design of emergency services facilities, and is Senior Vice President and Director of Operations at H2M. He oversees teams responsible for the development of project design, establishment of project schedules and budgets, the development of construction documents, submissions to government agencies, and all construction phase services administering architectural projects from their inception to completion. Mr. Pacheco leads the company's Core of Excellence – a select group of individuals across the company that together focus on ensuring H2M offers best-in-class services and deliverables to our clients. In this role, he oversees, establishes, and launches systems that are integrated across the company's markets, disciplines, and office locations to see that these company-wide goals are met.

Mr. Pacheco is a Professor of Professional Practice at Rensselaer Polytechnic Institute as well as a Fire Commissioner of Niskayuna Fire District, No. 1. Having studied and/or overseen the design of over 200 emergency response facilities, he extends his practical knowledge to the students he teaches and into the professional literature he writes for architecture and emergency services publications, while providing counsel regarding all aspects of the architectural design of public safety facilities. Mr. Pacheco has lent his proficiency to the development of national standards that altered how emergency services facilities are designed across the country, serves as a Director of the American Institute of Architects for the eastern New York chapter, is an ASTM homeland security technical sub-committee member, and has received major architecture design awards and professional recognition.

Education

B.Arch.; Rensselaer Polytechnic Institute
BS, Building Science; Rensselaer Polytechnic Institute

Licenses/Certifications

Registered Architect: FL, CA, CT, DE, MA, NJ, NY, NC, PA, RI, TN, VT, TX, VA

Certified: National Council of Architectural Registration Boards (NCARB)

Memberships

Fire Commissioner, Niskayuna Fire District No.1

ASTM Homeland Security Committee-
Emergency Operations Center
(EOC) Standards

American Institute of Architects (AIA)

Trustee: Rensselaer Newman Foundation

Past President, AIA Eastern New York – 2007-2009

Director AIA Eastern New York – 2012-2013
and 2019-2024

Director, AIA New York State – 2009-2010

Honorary Member: Grand Boulevard Fire Co.
(NY) & Kingston Fire Department (PA)

Publications

"Air Quality in Your Fire Station," Firehouse Magazine, May 2020

"Design for the Times," Fire Chief Magazine, March 2013

"Questions to Ask When Choosing an Architect," Fire Chief Magazine, March 2010

"Fire Station: Architectural Insight to Planning, Design, and Construction," IAFC Foundation, 2010

"Anatomy of a Training Tower," Fire Chief Magazine, April 2006

"Chief Fire Officer's Desk Reference," Jones & Bartlett Publishers in conjunction with IAFC, 2005

"ASTM E2668-10 Standard Guide for Emergency Operations Center (EOC) Development," ASTM 2010

Selected project experience

- City of Fort Lauderdale Design Criteria Packages for Fire Stations 13 and 88; Fort Lauderdale, FL: Project Manager responsible for the development of two design criteria packages for Fire Station 13 and Fire Station 88 projects, which are intended to be completed under design-build contracts. The design criteria packages will involve a topographic and boundary survey, geotechnical soil sampling, engineering and architectural and other related tasks, 3D renderings of up to three design concepts, and 30% design plans and specifications. H2M will also identify all permits required, dewatering and stormwater pollution prevention requirements, and impacts to local business and residents, based on the data collection.
- Port Washington Police District New Headquarters; Port Washington, NY: Technical Advisor for architectural and engineering services for the District's new headquarters. The new headquarters includes approximately 25,000 square feet of space, including secure access, interview rooms, office suites, dispatch, records (archive), training rooms, exercise room, roll call, armory, evidence processing, storage, and sally port.
- City of Greenfield New Fire Headquarters; Greenfield, MA: Technical Advisor for the design of a new fire headquarters. The facility is a 20,000 square foot fire station on a new compact urban site. Worked extensively with the City to explore several sites, develop a P3 to pursue the project, and secure a site to create a temporary facility to maintain operations during demolition and construction of the new headquarters.
- Y-12 National Security Complex Fire Station; Oak Ridge, TN: Project Executive and Technical Advisor for the design of a new fire station at the Y-12 National Security Complex in Oak Ridge, TN. The station supports emergency functions such as fire and ambulance response, rescue, and hazardous material response. Worked as a subconsultant to BKV Group, Architect of Record.
- Halfmoon-Waterford Fire District New Station; Waterford, NY: Client Contact and Design Architect for the design of a new fire station for the District. A temporary station was built to house emergency response and operations during demolition and construction of the new facility. A new 18,000 square foot facility was constructed in its place. The station includes a training room and space to accommodate the department's larger fire trucks.
- Seven Corners Fire Station #28; Seven Corners, Fairfax County, VA: Firematic Consultant for the Seven Corners Fire Station #28 facility replacement project. Explored multiple master plan options for replacing and modernizing the existing facility to meet codes and programmatic requirements. Worked as a subconsultant to BKV Group, Architect of Record.

* Architect of Record: Pacheco Ross Architects, P.C.



Patrick O. Stone R.A., LEED AP



Assistant Vice President, Public Safety Market Director

Mr. Stone has 18+ years of experience in architectural planning and design, with a focus on fire, police, ambulance, and other emergency response facilities. As H2M's Public Safety Market Director, he serves as a client manager and manages the identification and pursuit of new engineering and architectural opportunities across the country. Mr. Stone's areas of expertise include pre-bond strategy development, planning, public engagement and presentation; project budgeting; development of preliminary designs and oversight of integrated design development approaches; oversight in the development of construction documents, contracts and specifications, and coordination of the respective project engineering disciplines; obtaining governmental and agency approvals; and construction administration through occupancy. Mr. Stone is a frequent presenter at national conferences, including the FIERO Station Design Symposium, FDIC International, Station Design Conference, and others. Notably, Mr. Stone led the planning and design of the "The Fire and Rescue Station of the Future" at FDIC International, which was built full-scale inside Lucas Oil Stadium and visited by more than 16,000 attendees. During this event, he led tours, answered questions, and explained the innovations within the station. This honor is the result of developing a reputation for innovative design, strong leadership, and depth of expertise. Mr. Stone's passion for public safety extends to his community — he is a 20-year member of the fire service.

Education

M.S., Construction Management;
New York University

B.S., Architectural Technology,
Minor in Construction Management;
New York Institute of Technology

Licenses/ Certifications

Registered Architect: NY

LEED Accredited Professional, USGBC

Project Management, Polytechnic Institute
of New York University

NYCDOB 40-Hour Site Safety Manager

OSHA 10-hour Construction Safety & Health

H2M Project Management Training

Memberships

American Institute of Architects (AIA)

Construction Specifications Institute,
Long Island Chapter

U.S. Green Building Council

Massapequa Fire Department
Volunteer Firefighter

National Fire Academy, Subject Matter
Expert

Publications

"Contamination Control Through Design",
Fire News (2024)

"Vehicle Exhaust Extraction Systems",
Crackyl Magazine (2024)

"The Ins and Outs of Vehicle Exhaust
Extraction Systems" Firehouse Magazine
(2022)

Selected project experience

- City of Fort Lauderdale Design Criteria Packages for Fire Stations 13 and 88; Fort Lauderdale, FL: QA/QC Lead for the development of two design criteria packages for Fire Station 13 and Fire Station 88 projects, which are intended to be completed under design-build contracts. The design criteria packages will involve a topographic and boundary survey, geotechnical soil sampling, engineering and architectural and other related tasks, 3D renderings of up to three design concepts, and 30% design plans and specifications. H2M will also identify all permits required, dewatering and stormwater pollution prevention requirements, and impacts to local business and residents, based on the data collection.
- Thiells-Roseville Fire District New Headquarters; Garnerville, NY: Design of a proposed headquarters facility that will be approximately 23,000 square feet and two stories. There are five apparatus bays in total with two of those bays being drive through and double loaded. The program will include a public meeting hall, fitness center, commercial kitchen, offices and meeting spaces, in addition to the firematic program.
- Town of Southampton Police Headquarters Expansion; Southampton, NY: Performing an existing conditions assessment for the renovation and expansion of the Town of Southampton Police Headquarters. The expansion will add approximately 3,500 square feet to both the first floor and basement levels. Once a report is issued, the team will provide conceptual and final design, and construction documentation.
- Port Washington Police District New Headquarters; Port Washington, NY: Providing programming and design services for the development of a new Port Washington Police Headquarters. The project includes analysis of the existing facility and other potential sites, including cost implications. As the headquarters will be located in a largely developed community, public awareness and interaction with neighboring properties and community groups is imperative.
- Manhasset-Lakeville Fire District New Ambulance Building; Great Neck, NY: Providing design services for a new 10,000 square foot, two-story, four-bay ambulance building, including kitchen, lounge area, bunk rooms, meeting room, and offices. The District owns the existing site and has two existing buildings located on the rear of the site that H2M designed 10+ years ago. Access and operations of these buildings must be maintained throughout construction of the new ambulance building.
- Borough of Metuchen New Fire Station and Storage Building; Metuchen, NJ: Design of a new fire station and separate storage building. The station is single story with mezzanines, totaling approximately 14,000 square feet. The single-story storage building totals 3,800 square feet. The site layout and circulation are critical in this overall design as well as separating the hot zone from cold zones of the station.
- Various Clients Memorials; Various Locations, NY: Designed many Line of Duty Death (LODD) and 9/11 memorials. Collaborated with community-based committees and representatives as well as department personnel to properly honor the deceased. Clients include the Hagerman Fire District, Huntington Manor Fire District, Copiague Fire District, Merrick Fire Protection District, and more.



Dennis A. Ross AIA

Technical Advisor - Public Safety



Mr. Ross has 45+ years of experience in architectural design, focusing on emergency response facilities: fire, police, EMS, EOC, PSAP, and public safety. With experience in construction management, real estate development, feasibility studies, and land evaluations, Mr. Ross assesses projects from multiple points of view. He leverages his expertise and experience through teaching, writing, and speaking at professional conferences and symposiums. Mr. Ross is one of the leaders and co-founders of the critically acclaimed One-on-One™ Fire Station Design Symposium.

Earning his Bachelor of Architecture degree from Rensselaer Polytechnic Institute, Mr. Ross went on to become licensed in 15 states, NCARB certified, a board of governors member for the Phi Kappa Tau Rho Chapter Fraternity, and an honorary member of the Kingston, PA Fire Department. Mr. Ross has earned several awards including the NYS Small Business Advocate of the Year award in 2001 from the Business Council of New York State and NFIB. He is currently serving on the NFPA Technical Committee on "Emergency Responders Occupational Health". The Committee has been tasked to develop a new Standard for Contamination Control, NFPA 1585, which just went live. He led the task group for Chapter 5, Emergency Services Organization Facilities. In addition, Mr. Ross accepted a position as Executive Board Member on the NFPA AEBO (Architects, Engineers, Building Officials) Board.

Education

B.Arch.; Rensselaer Polytechnic Institute
BS, Building Science; Rensselaer Polytechnic Institute
Exchange Student, Polytechnic of Central London

Licenses/ Certifications

Registered Architect: CO, CT, MD, MA, ME, MI, MO, NE, NJ, NY, OH, PA, TN, VA, WV
National Council of Architectural Registration Board Certified (NCARB)

Memberships

American Institute of Architects (AIA)
National Council of Architectural Registration Boards (NCARB)
Business Council for Small and Independent Business of New York State, Former Chairman
National Fire Protection Association (NFPA)
Board of Governors for Phi Kappa Tau Rho Chapter Fraternity
Honorary Member – Kingston Fire Department, PA

Publications

"How to Clear the Air in the Fire Station", Crackly Magazine, 2024
"GIS May Be Key To The Future Of Emergency Response," Firehouse Magazine, 2021
"Air Quality in Your Fire Station," Firehouse Magazine, 2020
"Get it Done! 10 Strategies for Success," Fire Chief Magazine, 2019
"One-on-1' Program Offers Departments Feedback on Station Projects", Firehouse Magazine, 2017
"Design of the Times," Fire Chief Magazine, 2013
"Gear at the Ready," Fire Chief Magazine, 2009
Fire Station: Architectural Insight to Planning, Design, and Construction, Co-Author, IAFC Foundation, 2010
"Chief Fire Officer's Desk Reference," Jones & Bartlett Publishers in conjunction with IAFC, 2005

Selected project experience

- City of Fort Lauderdale Design Criteria Packages for Fire Stations 13 and 88; Fort Lauderdale, FL: Technical Advisor for the development of two design criteria packages for Fire Station 13 and Fire Station 88 projects, which are intended to be completed under design-build contracts. The design criteria packages will involve a topographic and boundary survey, geotechnical soil sampling, engineering and architectural and other related tasks, 3D renderings of up to three design concepts, and 30% design plans and specifications. H2M will also identify all permits required, dewatering and stormwater pollution prevention requirements, and impacts to local business and residents, based on the data collection.
- Borough of Metuchen Fire Department; Metuchen, NJ: Project Designer for a new station for the Metuchen Fire Department. Worked with the Borough to vet several potential sites, including the existing station property, and designed the new station on an existing Borough property as well as a small adjacent residential property for sale. The proposed station is a one-story, approximately 11,000 square foot, combined fire and EMS facility with an outbuilding to hold two to three additional apparatus. There are several major utility easements that must be avoided, which necessitated the need for the outbuilding; to control the size of the overall building footprint.
- Port Washington Police District New Headquarters; Port Washington, NY: Project Executive for architectural and engineering services for the District's new headquarters. The new headquarters includes approximately 25,000 square feet of space, including secure access, interview rooms, office suites, dispatch, records (archive), training rooms, exercise room, roll call, armory, evidence processing, storage, and sally port.
- Stanford Heights Fire District New Station; Colonie, NY: Project Executive for the assessment, feasibility, and design of a new two-story 23,000 square foot fire station to replace the District's outdated existing station. The new station will be built behind the existing station, allowing for continued response during construction. An extensive community support campaign resulted in a 2:1 positive bond referendum vote.
- City of Greenfield New Fire Headquarters; Greenfield, MA: Project Executive for the design of a new fire headquarters. The facility is a 20,000 square foot fire station on a new compact urban site. Worked extensively with the City to explore several sites, develop a P3 to pursue the project, and secure a site to create a temporary facility to maintain operations during demolition and construction of the new headquarters.
- Y-12 National Security Complex Fire Station; Oak Ridge, TN: Project Executive and Designer for the design of a new fire station at the Y-12 National Security Complex in Oak Ridge, TN. The station supports emergency functions such as fire and ambulance response, rescue, and hazardous material response. Worked as a subconsultant to BKV Group, Architect of Record.



Kevin M. Paul

AIA, NCARB, LEED AP

Senior Vice President,
Discipline Director - Private Sector Real Estate



Mr. Paul has over 35 years of design and construction experience, in both residential and commercial fields. He manages and facilitates all phases of architectural and design projects from initial studies through construction administration. Focusing on commercial, industrial, institutional, retail and residential projects in the private sector, Mr. Paul is responsible for preliminary design, construction document preparation, budgeting, scheduling, planning, code analysis and construction administration.

Prior to joining H2M, Mr. Paul worked as a project architect in New York City and Long Island on a variety of projects including; the New York City Parks Department, colleges and school districts, Metro North Railroad's Hudson Line stations, and multi-family residential projects. In private practice for 25 years, he worked primarily on custom residential design and small commercial projects, including repairing and elevating storm damaged homes on the south shore of Long Island, as well as providing expert testimony to resolve client/contractor disputes.

Education

B.Arch; New York Institute of Technology

Licenses/ Certifications

Registered Architect: FL, NY, NJ, CT, PA, MA,
MD, ME, VA

NCARB

LEED Accredited Professional, USGBC

ASFPM Certified Floodplain Manager

CAL/OES Safety Assessment Certification

Memberships

New York State Floodplain and Stormwater
Managers Association (NYSFSMA)

New Jersey Association of Floodplain
Managers (NJAFM)

Association of State Floodplain Managers
(ASFPM)

Teaching

Adjunct Professor, Farmingdale State College

Publications

"How an Informed Property Maintenance Plan
Can Prevent Structural Failures" NYREJ,
August 24, 2021

"OPINION: Building A Solution: Balancing the
Housing Market One 3D-Printed Home at a
Time," NJBiz, June 28, 2021

Selected project experience

- Castle Lanterra The Quadrangle Parcel 17; Orlando, FL: Providing executive oversight for the addition of a multi-family residential apartment complex to the Orlando Quadrangle Business Park. H2M conducted a feasibility study of the site in collaboration with the client's civil engineer to see where the multi-family building could be located on the site. We explored how to maximize the quantity of units while also providing parking below the residential units. Because the developer is updating the Quadrangle, zoning rules have been under review to be re-vamped. The project is currently in the early stages of schematic design development.
- Castle Lanterra Vue at Belleair Phase II; Clearwater, FL: Executive oversight of an expansion of 169 new units between the two sites. Site 'A', known as Site North, is 1.2 acres. Site 'B', known as Site South, is 2.0 acres. Site North will house Building North at 64,714 sf and Site South will house Building South at 111,177 sf. Both buildings contain an easement for an aging water main that belongs to the City of St. Petersburg. The two sites were also zoned by U.S. 19's form-based code. This added a level of unusual complexity. The code required both buildings to become podium designed and at two different specific heights.
- Ørsted Sunrise Wind Warehouse and Command Center; Setauket, NY: Managed the alteration of existing warehouse to a 60,000 square foot state-of-the-art Operations and Control Data Center, offices, and warehouse to achieve the owner's requirements of LEED certification. Collaborated with the client regarding scope of work updates as additional windfarms were added and assisted the client with standardizing framework for potential future projects.
- Mayor's Housing Recovery Office's (HRO) Build it Back Program; Brooklyn, NY: Project Manager responsible for directing all H2M services under the Brooklyn Build it Back program. The program is being managed by the NYC Department of Design and Construction (NYCDDC). The program provides CDBG-DR funding to Sandy impacted homeowners throughout the City for permanent repairs and resiliency measures including home elevations and full reconstructions at elevations above the Base Flood Elevation (BFE). Responsibilities included managing all architectural services on Sandy damaged homes ranging from semi-detached to attached homes including initial homeowner meeting and documentation of existing conditions, evaluation of available options for raising the lowest floor elevation to design flood elevation, detailed design of proposed elevation/reconstruction option and DOB submittals.
- Various rehabilitation and flood mitigation projects including elevating existing storm damaged homes on the south shore of Long Island since 1993.
- DC-9 Training Center; Wappingers Falls, NY: Converted an empty 16,000 square foot prefabricated building into a training facility for union dry wall contractors, glaziers, bridge painters and welders. The facility also included office and classroom space used for administration and training.



Kelly E. Greenfield R.A., LEED AP BD+C, WELL AP



Senior Associate, Public Agency Deputy Market Director

Ms. Greenfield has more than 15 years of architectural experience. Her responsibilities include preliminary services such as building analysis and research; formulating existing conditions reports, including findings and recommendations for repair; preparation of design development drawings and construction document sets; specification writing; as well as cost estimating and regulatory filings. In addition, Ms. Greenfield also provides bid and award support to clients, oversees construction activities, handles construction administration services, and assists with project closeouts.

Selected project experience

- New York City Department of Citywide Administrative Services (DCAS) State of Good Repair; New York, NY: Retained by DCAS to perform existing conditions surveys to identify deficiencies and recommend repairs to bring 64 sites across New York City to a state of good repair for the Department of Youth and Community Development. Surveys are currently underway and all are slated for completion by Spring 2025.
- Hudson River Park Trust (HRPT) Pier 40 Fire Protection; New York, NY: Assisted in the design of a NYC building code-compliant fire protection system for Pier 40. Services included the management of a fire protection engineer and cost estimating subconsultant and preparation of base files and architectural drawings for the full building upgrade of the sprinkler system. A fire alarm study is simultaneously being performed to determine code compliance and if a new fire alarm system is also recommended.
- DCAS Space Needs Program Summary Report; New York, NY: Management of several teams of in-house and consultant firms for existing conditions surveys and documentation to assist DCAS in their Citywide effort to document and assess space needs for City agencies. Scope of services included an analysis of the personnel, programmatic, and operational needs to generate an estimated rental square footage allocation; interviews of agency representatives and compiling information into a spreadsheet, back checking against the client's space standards, and a final report summarizing findings.
- New York City Housing Authority (NYCHA) Morris and Moore Houses Roof Replacements; Bronx, NY: Provided design and construction administration services for roofing replacement at the Morris and Moore Houses. Performed existing conditions surveys, designed roofing improvements, and oversaw construction.
- Battery Park City Authority (BPCA) Pier A Harbor House Window and Door Upgrades; New York, NY: Project Manager responsible for evaluating the conditions of existing windows and doors at Pier A Harbor House. Task one involved performing nondestructive visual observations to review existing conditions of the exterior windows (including sliding French doors at the first floor) and exterior doors of the Pier A Harbor House and document overall material deterioration and any operability issues, defects, and deficiencies, particularly in relation to broken glass, panes, and frames, weather tightness, and hardware. For task two, prepared an updated report incorporating current data documented from on-site observations.
- Trust for Governors Island In-Depth Building Inspections; New York, NY: Retained by the Trust to perform an in-depth structural and architectural existing conditions survey to identify deficiencies and recommend repairs to bring this buildings to a state of good repair. Life safety and occupancy issues were reviewed, as well as the condition of the building envelope and structural support systems.
- NYCHA Gompers Houses Roof Replacements; New York, NY: Project Manager responsible for the design of roof and roof railing replacements at the three buildings of the Gompers Houses totaling approximately 24,500 square feet.
- NYCHA Coney Island and Marlboro Houses Trash Hoist Replacements; Brooklyn, NY: Prepared construction documents for trash hoist replacements with vertical reciprocating conveyors at 22 buildings across two NYCHA developments, Coney Island and Marlboro Houses. The systems were designed as fully enclosed cabs that lift trash from the basement compactor rooms to the first floor for removal.

Education

M.U.D.; City College of New York
M.Arch; City College of New York
B.A., Urban Studies; Fordham University

Licenses/ Certifications

Registered Architect: FL, NY, CT,
LEED AP Building Design and Construction
Accredited, USGBC (LEED AP BD+C)
WELL Accredited Professional, GBCI
NYCDOB Class 1 Filing Representative
NCARB Certified
NYC DOB 4-hour Supported Scaffold User
Certificate
NYC DOB 16-hour Suspended Scaffold User
Certificate
OSHA 10-hour Construction Safety & Health
Project Management Training Program, H2M
H2M Mentoring Program Graduate, Mentee

Memberships

International Institute of Building Envelope
Consultants (IIBEC)
America Institute of Architects (AIA) Urban
Green Council (USGBC)
New York Building Congress
The Architectural League
CCNY Alumni Association
A Better New York (ABNY)

Awards

Long Island Business News - Who's Who
2021: Women in Professional Services
2020 Women in Real Estate: New York Real
Estate Journal



Kenneth R. Gehringer

AIA, NCARB, CDT, CCCA, NYSCEO



Assistant Vice President, Studio Director

Mr. Gehringer is an award-winning architect with 35 years of diverse experience in New York, Florida, New Jersey, Connecticut, and South Carolina. His expertise includes public works projects, including water and wastewater treatment facilities and municipal offices; educational projects; and private real estate developments. As an Assistant Vice President and Studio Director at H2M, Mr. Gehringer is responsible for overseeing 14 experienced architectural staff, reviewing design and construction documents, and performing client and financial management. As a New York State Code Enforcement Official, he is skilled in providing compliance with various building codes.

Selected project experience

- Castle Lanterra The Quadrangle Parcel 17; Orlando, FL: Management for the addition of a multi-family residential apartment complex to the Orlando Quadrangle Business Park. H2M conducted a feasibility study of the site in collaboration with the client's civil engineer to see where the multi-family building could be located on the site. We explored how to maximize the quantity of units while also providing parking below the residential units. Because the developer is updating the Quadrangle, zoning rules have been under review to be re-vamped. The project is currently in the early stages of schematic design development.
- Castle Lanterra Vue at Belleair Phase II; Clearwater, FL: Management of an expansion of 169 new units between the two sites. Site 'A', known as Site North, is 1.2 acres. Site 'B', known as Site South, is 2.0 acres. Site North will house Building North at 64,714 sf and Site South will house Building South at 111,177 sf. Both buildings contain an easement for an aging water main that belongs to the City of St. Petersburg. The two sites were also zoned by U.S.19's form-based code. This added a level of unusual complexity. The code required both buildings to become podium designed and at two different specific heights.
- Management of facility projects in South Florida. Construction types include masonry, wood frame, and tilt-up construction, many in High Velocity Hurricane Zones (HVHZ), costal and waterfront. Some of his experience includes:
 - Three five-story ocean front condominiums, Ft. Pierce, FL
 - Commercial buildings – new construction and renovations in Delray Beach, FL
 - Professional and health care buildings and ensuing tenant improvements including an MRI suite, Boynton Beach, Delray Beach, and Boca Raton, FL
 - Model home programs for local and national builders, including Lennar, Transeastern Homes, Toll Brothers, Centex, WCI Communities, KB Homes, K. Hovnanian Homes, etc. throughout Miami-Dade, Broward, Palm Beach, Martin, St. Lucie, and Collier Counties
 - Two private school additions in Palm Beach County, FL
- Water Districts and Water Suppliers: New construction and alterations for well pump houses, volatile organic compound (VOC) removal via air stripping tower or granulated activated carbon (GAC) treatment, advanced oxidation process (AOP), iron removal facilities, and chemical treatment storage and containment area construction, building alterations and ADA Modifications at administration buildings for the Monroe Township, Brick Township, Parsippany Township, Jackson Township, Park Ridge Water Department, Independence Township, NJ, NJ American Water, Westchester Joint Water Works, City of Yonkers, Village of Rockville Centre, Suffolk County Water Authority, NYS Parks, Town of Babylon, Liberty Utilities NY, and dozens of local water districts. All projects for these clients have utilized Revit Architecture for the development of the BIM models.
- Wastewater Work: Various expansion and rehabilitation projects; sample projects include Suffolk County DPW Hauppauge S.D. No. 18 Expansion, consisting of a new Operations Building with filter blower, polymer, thickener, motor control center, and control rooms; a new Headworks Building with headworks, blower, and motor control center rooms, and rehabilitation of several existing buildings; Middlesex County Utilities Authority Advanced Anaerobic Digestion Facility; Kings Park S.D. No. 6 Capital improvements including design of a new control room building; Nassau County DPW Cedar Creek WPCP Secondary Treatment Improvements consisting of ships ladder, railing, and grating replacements at distribution boxes and sedimentation tanks to bring up to current code, and improved access to sedimentation tank sampling platforms.

Education

B.S., Architectural Technology;
New York Institute of Technology

Licenses/ Certifications

Registered Architect: FL, NY, NJ, CT

National Council of Architectural Registration
Boards (NCARB)

Certified Construction Contract Administrator,
CSI

Construction Documents Technologist, CSI

New York State Code Enforcement Official

NYSDDL Asbestos Project Designer

OSHA 10-Hour Construction Health and Safety

CAL/OES Safety Assessment Certification

PM Bootcamp, PSMJ Resources

Offices Held

AIA Long Island, President 2024 - 2025,
President-Elect 2022 - 2023, Treasurer 2020 -
2021, Secretary 2018 - 2019, Board of Directors
2017

CSI Long Island, President 2023 - 2024,
Vice President 2014 - 2023, President 2007
- 2010, Planning Chair 2009 - 2010, Program
Chair 2005 - Present, Education Chair 2004 -
Present, Board of Directors 2004 - 2005

CSI Northeast Region, Board of Directors 2021
- present, President 2011 - 2013, Conference
Committee 2013, Vice President 2010 - 2011,
Board of Directors 2009 - 2010, Education
Chair 2008 - 2011, Conference Co-Chair 2007
- 2008

CSI Palm Beach, President-Elect 2002 -
2003, Education Chair 2002 - 2003, Board of
Directors 2001 - 2002



Robert F. Bee R.A., LEED AP



Vice President,
Deputy Discipline Director - Architecture

Mr. Bee has more than 20 years of experience leading fire station, educational facility, municipal building, water treatment facility, library, public housing, and rehabilitation facility design projects. He is responsible for managing and facilitating all aspects of design projects, from the preliminary design stage through construction administration. Mr. Bee's responsibilities include developing project scope, plans, and design documents, as well as presenting to clients, developing budgets, overseeing the preparation of contract documents, preparing governmental and regulatory agency submissions, and providing construction administration services. As a LEED Accredited Professional, he is knowledgeable of sustainable building and system design.

Selected project experience

- Syosset School District New Fitness Center; Syosset, NY: Project Manager responsible for construction administration and overseeing the development of a 10,000-square-foot fitness center and corridor, which included an open layout weight room, offices for physical education instructors and coaches, new bathrooms, and comfort stations.
- Central Islip Fire District New Firehouse and District Upgrades; Central Islip, NY: Project and Client Manager for \$12.5 million bond-funded projects for the development of a 11,500-square-foot fire substation, replacement of windows at the District's headquarters, replacement of the District's fire alarms, and redevelopment of the District's parking lots.
- Hicksville Fire District Various Projects; Hicksville, NY: Project Architect and Project and Client Manager responsible for overseeing the performance of various enhancement projects at facilities throughout the Hicksville Fire District, including a new 8,500-square-foot fire substation, roof replacements at headquarters, parking lot replacements at Stations 3, 4, and headquarters, car port at headquarters, interior renovations and masonry repair at Station 4, and truck room renovations and repairs at headquarters.
- Vails Gate Fire District New Firehouse and Storage Building; New Windsor, NY: Project and Client Manager responsible for overseeing design, bidding, and construction services in the development of a 21,500-square-foot firehouse and 6,500-square-foot storage building for the District.
- Borough of Brielle ADA Improvements at Borough Hall; Brielle, NJ: Project Manager responsible for overseeing the design and development of accessibility upgrades to the Brielle Borough Hall, including installation of an exterior ramp to the entrance of the building, an inclined platform lift at the stairs, a compliant restroom for the public, and an area of refuge for emergencies.
- Borough of Manasquan Main Street Beach Office Renovation; Manasquan, NJ: Project Architect for the renovation of a series of oceanfront buildings that house EMTs, beach patrol, and lifeguards, including making existing stairs ADA accessible, renovating building exteriors, and a 400-square-foot addition.
- Gabrielli Trucks Sales Addition and Renovation; Ridgefield Park, NJ: Project Manager responsible for the preliminary design and construction documents for the new 15,000-square-foot Ridgefield Park Gabrielli Trucks Parts Department warehouse on the banks of Overpeck Creek.
- Governor's Office of Storm Recovery/DASNY; Queens, Brooklyn, and Bronx, NY: Project Manager responsible for overseeing the integration of various storm hardening measures, roof replacements, and the installation of auxiliary generators for the Gerritsen Beach Volunteer Fire Department, West Hamilton Beach Volunteer Fire Department, and North Tower Volunteer Fire House at Edgewater Park.
- Ocean Grove Fire District Firehouse; Ocean Grove, NJ: Project Manager tasked with overseeing the performance of a feasibility study and the development of preliminary designs for an addition and renovation to this historic Neptune Township firehouse.
- NYCHA Queensbridge South Houses Elevator Rehabilitation; Long Island City, NY: Project Manager responsible for overseeing vertical transportation design services for the rehabilitation of existing elevators in 96 six-story buildings.
- Manasquan River Regional Sewerage Authority Facilities Assessment Report and Design; Howell, NJ: Project Manager responsible for overseeing the design, coordination, and administration for the replacement an 8,000-square-foot roof, HVAC system, ceiling, and interior lighting.

Education

B.Arch; New York Institute of Technology

Licenses/ Certifications

Registered Architect: FL, NY, NJ, CT, PA, MA

LEED Accredited Professional, USGBC

NCARB Certified

Project Management Training Program, H2M

PSMJ Project Management Bootcamp

Memberships

American Institute of Architects, New York Chapter



Megan E. Ballato CID, IIDA, NYSCEO



Senior Project Interior Designer

Ms. Ballato is an interior designer that leads design on interiors projects for a range of client types, including K-12, higher education, multi-family, healthcare, workplace, and libraries. She is responsible for managing and facilitating all phase of design projects from preliminary design through construction phase services. Her responsibilities include concept development, programming, planning and design, document coordination, material research and selections, shop drawing review, presentation preparation, and all other phases of project management.

Selected project experience

- Ørsted Sunrise Wind Warehouse and Command Center; Setauket, NY: Lead Interior Designer for the alteration of existing warehouse to a 60,000 square foot state-of-the-art Operations and Control Data Center, offices, and warehouse to achieve the owner's requirements of LEED certification. Worked with project stakeholders to develop program requirements, interior design concepts, space planning, and construction documents.
- Geico Corporate Office; Woodbury, NY: Interior alteration and reconfiguration to 49,000 square foot corporate office. Provided programming, space planning, schematic design, design development, interior renderings, construction documents, and permitting services.
- Castle Lanterra The Vue at Belleair Phase 2 Development, Clearwater, FL: Worked with project stakeholders to develop programmatic requirements and interior design concepts for 4,500 square feet in amenity space for two new multi-family apartment buildings. Provided schematic design, design development, and construction documents, and coordinated with in-house architectural and MEP engineering team leaders.
- WellLife Network, Inc.; Medford NY: Provided interior design services and construction documents for a new three-story supportive residential housing to meet NYS Homes and Community (HCR) guidelines.
- Syosset Central School District; Syosset, NY: Prepared construction documents, interior finishes, bidding services and construction administration for District-wide accessibility bathroom renovations and upgrades at 11 District facilities.
- Mastics-Moriches-Shirley Community Library; Shirley, NY: Worked with project stakeholders to develop programmatic requirements and schematic design as well as coordinated design development and construction documents for the interior renovation and addition to the Mastic Beach Library Annex and new 7,000 square foot LEED certified Moriches Library Annex.
- Summit Security Services, Inc.; New York, NY: Provided cost estimates, construction documents and interior finish and furniture selections for an interior alteration to the corporate office in Manhattan.
- Medford Fire Department; Medford, NY: Provided interior design services, and construction documents for two new additions and an interior alteration to an existing firehouse.
- North Hempstead Country Club; Port Washington, NY: Prepared cost estimates, construction documents, interior finish and fixture selection, and provided bidding services for a 2,300 square foot interior alteration to the pool house.
- Eastern Long Island Hospital; Greenport, NY: Provided interior finishes, fixtures and furniture selections along with performing construction administration for new outpatient treatment center.
- Locust Valley Central School District; Locust Valley, NY: Preliminary furniture selection for library, makerspace, classroom, and faculty lounge projects. Assisted with construction administration for multiple projects.
- SUNY Farmingdale; Farmingdale, NY: Interior renovation of Whitman Hall Lower Level to create computer labs, academic collaboration spaces, restroom facilities and elevator rehabilitation. Provided space planning, furniture selection and interior design services for the 6,500 square foot space.
- Greenlawn Water District; Greenlawn, NY: Interior renovation and reconfiguration of the existing 2,100 square foot of administration building. Services included space planning, furniture selection, finish selections, and construction administration.
- Long Island University; Greenvale, NY: Provided complete schematic design, design development and construction documentation of two new state-of-the-art science research facility laboratories.

Education

M.F.A., Interior Design; New York School of Interior Design

B.S., Math/Computer Science; St. Joseph's College

Licenses/Certifications

New York State Code Enforcement Official, NYSCEO

Certified Interior Designer: FL, NY, CT

Council for Interior Design Qualifications, NCIDQ

OSHA 10-Hour Construction Safety & Health

Memberships

International Interior Design Association (IIDA)

TAB 4

Project Understanding

H2M understands that the City of Fort Lauderdale is seeking qualified, experienced, and licensed firms to provide architectural consulting services on an as-needed basis for various projects. Work may include the following specialties:

- Space Planning
- Programming
- Specifications
- Architectural Design
- Contract Administration
- Cost Estimating, Planning and Scheduling
- Architectural 3D Rendering and Animation Services
- Interior Design
- Landscape Architecture
- ADA Analysis and Design
- Sustainable Design
- Building Performance Analysis
- Historical Preservation
- LEED Design
- Structural Design
- Mechanical, Electrical, Plumbing Design

As design professionals, H2M and our team strive to listen, assist, guide, and recommend solutions for our clients in all aspects of architecture and engineering. We have a long history of working with municipalities to develop the best solutions for their facility needs while maintaining their budgets. H2M's goal is to design projects using input directly from those that manage the facility and the end users, partnering with those individuals during the design process, so the final product is one that is visually appealing, organized, well-constructed, efficient, and economical.

H2M has more than 100 architects and is fully capable of addressing all the City's needs on this contract. In addition to architecture, as a full-service firm, we offer a host of in-house disciplines, as well as a host of in-house engineering disciplines, including MEP and fire protection engineering, civil engineering, environmental engineering, structural engineering, and water and wastewater engineering. With 580+ personnel in-house, we can easily staff multiple concurrent assignments for the City.

As we are unclear of the exact assignments that will be granted under this term contract, following is our general approach to undertaking architectural projects.

Management Approach

We have developed a project approach that has allowed us to be successful in delivering quality results to our clients satisfaction for a variety of projects both large and small stemming from on-call, as-needed contracts. All our projects, no matter their scope or size, have one thing in common: the built-in procedures for the way we undertake and administer our work. Our procedures establish protocol, set guidelines, enhance our overall project quality, and establish project-specific requirements, helping us achieve efficient administration of our projects. Some key elements of our approach are described further:

► Programming

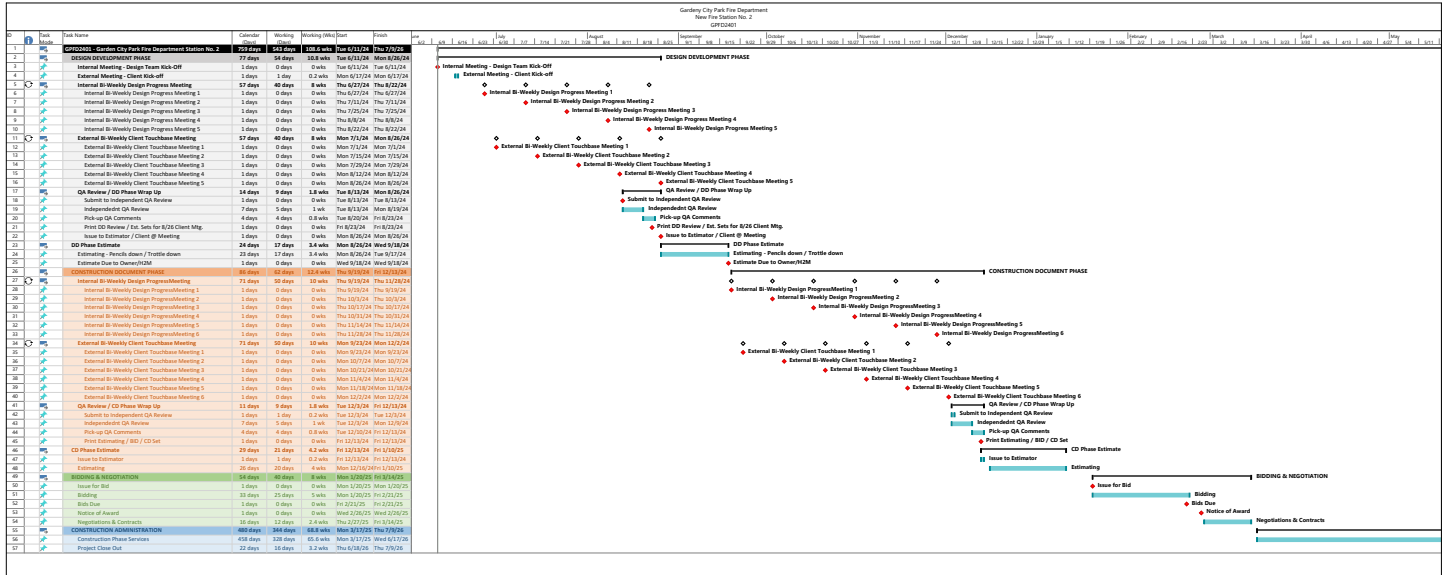
The establishment of a proper program may be the most important phase of a project. The project program defines the City of Fort Lauderdale's desires for the project and details the work to be undertaken by the consultant. In developing a project program with the City, the H2M team combines our experience with City personnel and subcontractors to obtain their input and ensure that the project design meets their specific needs. During the programming phase and throughout the design phase, we will conduct workshops where City representatives will be involved in the scoping of the project and the design process.

► Fast-Tracked/Expedited Response

With a staff of more than 580 architects, engineers, planners, surveyors, specialists, and support professionals, H2M is ready to respond to the City of Fort Lauderdale's needs. Our operations are managed by Division Directors, Department Managers, and Project Managers each with the authority to distribute work and manage the efforts of our employees. Having architecture and engineering under one roof allows us to establish teams who are experienced in working together on a daily basis and who have the ability to respond efficiently when a client calls. For over 90 years, H2M has taken pride in our quick response to clients during their time of need. Being heavily involved in water supply, wastewater facility operations, emergency services operations, educational facilities, etc., we understand the importance of immediate service.

Our team is fully committed to making the City of Fort Lauderdale a top priority throughout the duration of this contract. We will allocate all necessary resources, including personnel, technology, and expertise, to ensure that the City receives the highest level of service and support. By leveraging our full-service capabilities and significant experience (subject matter expertise), we will work closely with the City to meet every project goal, deliver on time, and exceed expectations.

Approach to Scope of Work



► Scheduling

At H2M, we have adopted and utilize a strict critical path scheduling methodology for our projects and internal and external resource scheduling. At the start of each project, a Project Plan is created by the Project Manager, which includes the proposed Master Project Schedule. That schedule is distributed amongst all parties and stakeholders for review. Upon approval by all parties, the schedule is adopted and strictly adhered to. An example of one of our critical path method (CPM) schedules has been provided above.

► Workload Management

In addition to utilizing a CPM schedule to manage this project, H2M will utilize its internal scheduling process, which utilizes “E-Resources” a tool provided by our accounting software, BST. Through this process, our Project Manager will schedule and utilize the appropriate resources for your project. When needed, this process allows the Project Manager to secure additional resources from our more than 580 professionals across the Eastern seaboard. The full depth of our resources and professionals are available to your project and will be scheduled and assigned as needed to meet or exceed the agreed upon schedule.

Naturally, the schedule will be contingent upon the ability of all stakeholders to respond and maintain the schedule as well. H2M is committed to streamlining the process as much as possible and accommodating the City and all stakeholders. Whether meetings must be in person, virtual, or a mix, we will accommodate. Depending on the experience level of the individuals involved in the process, H2M can provide guidance and educate team members. For example, in many cases stakeholders have rarely (or never) gone through the process of designing a new fire station. We understand this and will

provide appropriate guidance and education to make the best decisions possible, and within the appropriate timeframe.

► Current Workload

As H2M is a large firm, it would be extensive to provide a complete list/summary of our current projects, however a partial list of our ongoing projects are included in Tab 2. When H2M responds to requests for proposals/qualifications we ensure that our proposed key personnel will be available to work on the project. This is done by assessing our workload and verifying availability on our E-resource scheduling software. Note, should the City require more information regarding our current workload, it can be provided upon request.

► Cost Control

H2M’s approach to budget and change order control is described in detail in Tab 2 - Firm Qualifications and Experience.

► Quality Assurance/Quality Control (QA/QC)

H2M has long recognized the importance of QC and is always striving to strengthen and improve the quality of our work. We have implemented a formal QA/QC program that operates independently and in parallel with our discipline and project QA/QC protocols. Patrick O. Stone, R.A., LEED AP BD+C will be the lead QA/QC effort for the contract, which will include monitoring the project’s execution and conducting an independent review of all construction documents prepared for the project. The concept of the program is to instill quality at the grassroots level and implement procedures that will minimize dependence on solely “end of project checking”.

One of the key QA/QC procedures followed by our team is the requirement to prepare a Project Plan for all design projects. The purpose of the Project Plan is to:

- Describe the project and scope of services that will be provided to the client.
- Identify the project team.
- Identify the responsibility of each team member.
- Indicate the project schedule and milestones.
- Indicate task budgets.
- Indicate review and regulatory approvals that will need to be obtained.
- Describe project issues.

The Project Plan is then used as the agenda for the project kick-off meeting. This ensures all team members have a clear understanding of the project scope, schedule, responsibilities, coordination requirements, and client expectations. Regularly scheduled progress meetings are held with the design team to facilitate coordination and resolution of problems and monitor the progress of the design. All design projects are thoroughly reviewed by the department manager of each of the project disciplines (e.g., electrical, mechanical, structural, architectural) before it is reviewed by the Project Manager. Upon completion of their review, a final independent QA/QC review is performed. The review focuses on document

coordination, constructability, document clarity, and minimizing client exposure to claims and includes review of subconsultant work. The use of checklists, standard details and drawing format, CAD standards, establishment of client standards, Master Division One Specifications, and formal procedures for feedback from construction observation help us identify design improvements that can be implemented on future projects. Other procedures are also successfully utilized to help control the quality of our work.

► Working with City Personnel

As design professionals, H2M strives to listen, assist, guide, and recommend solutions for our clients in all aspects of architecture and engineering. We have a long history of working to develop the best solutions for their needs within their budgets. One of the ways the firm successfully develops the best solutions is through our ability to design projects using input directly from program and project management and contractors during the design process, so the final product is one that meets project requirements, is organized, well-constructed, efficient, and economical.



Virtual Reality Capabilities

H2M offers virtual reality (VR) capabilities using Prospect software. Prospect allows the user to upload an existing 3-D model that can be viewed in VR mode in mere seconds. VR models are built to-scale and are one-to-one representations of exactly how the end product will look and feel. If the design calls for a 20-foot-high ceiling, looking up while wearing the VR headset will make the ceiling appear 20-feet-away. Rather than physically walking through the space, movement is controlled with a pair of handheld controllers. VR technology opens the door to a new way of more efficiently presenting design work, improving project understanding, and building stronger relationships with our clients.

H2M would expect a designated point of contact from the City with whom we would coordinate project-related matters. We have learned that this communication maintains alignment between all team members, subconsultants, contractors, regulators, other City officials, etc. H2M recognizes that the scope must always be defined through the City, and that changes in scope cannot be made without the authorization of the City. The firm's management and technical staff are trained to work with identified personnel and to obtain the needed project-specific information that is necessary to have a successful project, and how to channel information through the proper protocols so it can be implemented and utilized appropriately and effectively in the project's design.

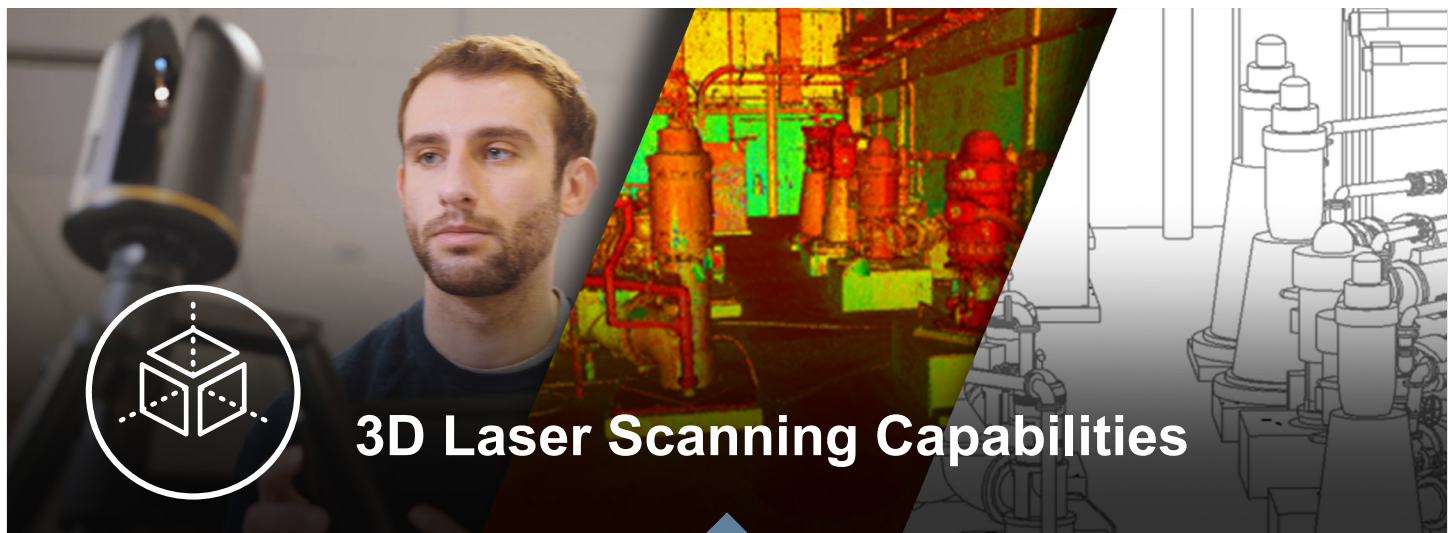
► **Communication & Coordination**

One of our top priorities in every project is ensuring there is clear and proper communication throughout. Communication is not just about talking and providing adequate documentation, but also includes listening and making sure that any information communicated is received and understood. Communication between all team members – the City, construction manager, primes and subs, managers and employees, design professionals and contractors, project team, and agencies having jurisdiction (AHJ), to name a few – is paramount to a project's success. Everyone needs to communicate, as everyone becomes part of the project team, and everyone has an important role that cannot be fulfilled without proper communication. At the beginning

of every project, the assigned Project Manager develops a comprehensive Project Plan that defines the project scope, the client's needs and expectations, staffing needs, schedule, budget, applicable codes, potential problems, team member roles, and lines of communication.

The Project Plan provides a road map for the members of the project team and is a living document that is updated as the work progresses. The Project Plan is used as the agenda for the project kickoff meeting and progress meetings throughout the life-cycle of each project. It is important to note that our staff is accustomed to working in an organized environment with project standards, schedules and quality requirements, and the need to coordinate and communicate with project team members.

This contract is a priority for H2M and will make ourselves available for meetings with the City. Our preference, when feasible, is face-to-face discussion at progress meetings. However, we understand that is not always feasible. H2M often utilizes Microsoft Teams above other platforms for virtual client meetings. We are accustomed to tailoring the type of information and the frequency of communicating project status and issues to our client's requirements. Face to face progress meetings, monthly or even weekly updates, telephone conferences, and email communication are all utilized. Project walkthroughs using Revit models can be helpful on more complex projects. We have the ability to share as much information as our clients desire through our Newforma project information management software. Project



3D Laser Scanning Capabilities

H2M utilizes 3D laser scanning on a variety of design projects. This involves the use of a laser scanner to capture the spatial data of an object or environment in three dimensions, also known as a "point cloud". The data can then be imported into Revit and used to create detailed and accurate 3D models of as-built conditions that serve as the foundation for design projects, offering enhanced accuracy, improved coordination, and streamlined workflows.

emails, meeting minutes, action items, submittal, and RFI logs can all be easily shared with our clients and other team members through these software programs.

► Construction Expectations

H2M always seeks to understand the concerns and preferences of our clients with regard to how construction is conducted. Where applicable and available, we ensure adherence to client standards in our construction documents, while always ensuring compliance with regulatory and industry standards. In some cases, quality may mean a particular product or material. Quality does not necessarily have to mean expensive, because with proper planning or design, quality may be able to be achieved just by making a design simple or less complicated. Obtaining the level of project quality that the City desires is a process, one that we are experienced in assisting with. During the project programming process within the design phase, H2M seeks to determine the standards of quality expected by the City so that this information can be incorporated into the design. Our prior experience with the type of work desired allows us to provide insight and suggestions to the client to understand what the level of quality and what is being designed. The firm has a long history of working with our clients to develop solutions this way, so that the final product suits the needs of the City.

► Technological Capabilities

CPM Scheduling: H2M utilizes MS Project and Primavera for our CPM scheduling. In addition, we are adept with various other software offered within the construction industry such as Procore and others. At the start of the project, the Project Manager will determine which software is most appropriate with the team members and stakeholders. Training can be provided for those that may not be adept with the programs.

Microsoft Programs: H2M utilizes the full Microsoft Office Suite, including Teams, which provides an excellent opportunity to maintain communication and collaboration amongst the entire team.

Building Information Modeling (BIM): We also design and execute our projects utilizing BIM (Autodesk Revit specifically). We will utilize work-sharing within the Autodesk Construction Cloud to make sure that all team members have appropriate access to BIM models and files.

Newforma: H2M utilizes Newforma, a project information management system to facilitate our staff's ability to file and manage project information. The primary benefits are more efficient document management and retrieval, email management, and construction contract administration. During construction, Newforma is used for electronically transmitting shop drawings and other submittals and RFIs. Submittal and RFI logs are automatically created and all project information is easily transmitted and stored electronically with easy access by the owner, architect/engineer, and contractor.

Bluebeam: Lastly, H2M utilizes BlueBeam Revu for enhanced review and collaboration. We create a Bluebeam Studio on our projects which provides an opportunity for all parties to work within the same document, comment, QA/QC, and address all questions/concerns. We find this software to be one of the best collaboration tools in our repertoire.

TAB 5

History & Past Performance

H2M is highly accustomed to serving clients on continuing, on-call contracts. We believe an advantage we provide for clients is, with our wide in-house capabilities, the ability to be flexible and responsive to the needs of a specific task when unanticipated conditions arise, which often happens. The firm has many clients that maintain multiple facilities and campuses and they continue to rely on us to recommend repairs and maintenance for their facilities to keep them operating efficiently and effectively. They also rely on us to assist with program development, investigate design options, and execute scenarios for the alteration of their facilities to be able to meet their current needs and future challenges as their needs change over time. Clients we have held continuing contracts with, include, but are not limited to the following:

- Brooklyn Navy Yard Development Corporation
- Camden Redevelopment Authority
- Casino Redevelopment Authority
- City of Hoboken Housing Authority
- City of West Palm Beach
- City University Construction Fund
- CT Department of Administrative Services
- Consolidated Edison
- Dormitory Authority of the State of New York
- Housing Authority of Bergen County
- Hudson River Park Trust
- Jersey City Redevelopment Authority
- Massapequa Fire District
- Middlesex County Improvement Authority
- National Grid
- NJ Department of Environmental Protection
- NJ Department of Transportation
- NJ Turnpike Authority
- NYC Department of Citywide Administrative Services
- NYC Health and Hospitals Corporation
- NYC Housing Authority
- NYC School Construction Authority
- NYS Office of General Services
- NYS Office of Parks, Recreation, and Historic Preservation
- NYS Office of People with Developmental Disabilities
- Newark Housing Authority
- Port Authority of New York and New Jersey
- PSEG
- State University Construction Fund
- The Trust for Governors Island
- Town of Hempstead Housing Authority
- United States Postal Service
- Westchester County Department of Public Works

► **United States Postal Service**
(475 L'Enfant Plaza SW, Washington, DC)

Since 1994, H2M has performed services under five-year indefinite delivery contracts with the United States Postal Services (USPS) to provide A/E services at various USPS

facilities. Due to the success of this contract, H2M was awarded a sixth five-year Indefinite Delivery Contract 2018 to 2020 with four two year renewal options to 2028. Work with USPS remains ongoing; it is H2M's goal to complete each project on time and within budget.

► **Massapequa Fire District**
(1 Brooklyn Avenue, Massapequa, NY)

For 30+ years, H2M has provided as-needed A/E services to the Massapequa Fire District. As a result of our long-term relationship, the District has trusted H2M with some of its largest projects. Work has ranged from new stations and major renovations to minor improvement projects. Work with the Massapequa Fire District remains ongoing; it is H2M's goal to complete each project on time and within budget.

► **Dormitory Authority of the State of New York**
(515 Broadway, Albany, NY)

H2M has held continuing A/E term contracts with the Dormitory Authority of the State of New York (DASNY) for more than 25 years. DASNY is one of the largest financiers and builders of social infrastructure facilities in the United States. Projects include administrative buildings, schools, psychiatric facilities, addiction treatment centers, and more. Work with DASNY remains ongoing; it is H2M's goal to complete each project on time and within budget.

► **Westchester County Department of Public Works & Transportation**
(148 Martine Avenue, White Plains, NY)

H2M is in a three-year contract with the Westchester County Department of Public Works and Transportation for the provision of on-call A/E services. This contract has produced opportunities for a wide array of work at the Westchester County Center, Ward Pound Ridge Fire Tower, Blue Mountain Sportsman Center, Mamaroneck Water Resource Recovery Facility, CompostED Facility, and Yonkers Material Recovery Facility. Work with the County remains ongoing; it is H2M's goal to complete each project on time and within budget.

► **The Trust for Governors Island**
(10 South Street, Slip 7, New York, NY)

Governors Island is a 172-acre, car-free, public destination that includes a 43-acre park, dozens of unique historic buildings, educational facilities, and an arts and culture program. There is also a 22-acre National Monument managed by the National Park Service. As part of the Island's plan to maintain, restore, and upgrade the existing buildings and infrastructure, H2M provides on-call assessments, commissioning and retro-commissioning, indoor air quality testing, code compliance, and consulting/expediting. Work with the Trust remains ongoing; it is H2M's goal to complete each project on time and within budget.

TAB 6



References

H2M has a strong reputation of providing quality service. We encourage you to contact H2M's clients to verify our successful track record.

► Town of Davie, FL

Contact: Keith Pursell, Project Manager, Capital Projects, Town of Davie; 8800 SW 36th Street, Davie, FL 33328; (954) 797-1191; keith_pursell@davie-fl.gov

Description of Work & Status: H2M is currently designing an emergency generator for the Town of Davie Police Department.

► City of West Palm Beach, FL

Contact: Keith Darrel Graziani, P.E., R.S., Public Utilities Dept Assistant Director, City of West Palm Beach; 401 Clematis Street, West Palm Beach, FL 33401; (561) 822-2275; djgraziani@wpb.org

Description of Work & Status: H2M is providing as-needed professional services under a Surface Water Treatment Term Contract with the City of West Palm Beach.

► Massapequa Fire District, NY

Contact: Thomas Fitzsimmons, Superintendent, Massapequa Fire District; 1 Brooklyn Avenue, Massapequa, NY 11758; (516) 798-9849; fitzsimmons-t@massfd.org

Description of Work & Status: H2M has been proud to work with the Massapequa Fire District for more than 30 years. We have worked on numerous projects with the District, ranging from new stations to small renovations. The firm is currently working with the District.

► City of Norwalk, CT

Contact: Denis McCarthy, Past Fire Chief, City of Norwalk (Current Chief in Fairfield, CT); 121 Connecticut Avenue, Norwalk, CT 06851; (203) 524-4173; dmccarthy@fairfieldct.org

Description of Work & Status: H2M designed the City of Norwalk's Fire Headquarters, which was constructed in 2013.

► Princeton First Aid & Rescue Squad, NJ

Contact: Mark Freda, President, Princeton First Aid & Rescue Squad and Mayor of Princeton; 2 Mount Lucas Road, Princeton, NJ 08540; (609) 924-3335; info@pfars.org

Description of Work & Status: H2M designed a new rescue station for the Princeton First Aid & Rescue Squad of Princeton, NJ. Construction concluded in 2020.

► Castle Lanterra

Contact: Daniel Morris, Vice President of Acquisitions & Development, Castle Lanterra; 1 Executive Blvd, Suffern, NY 10901; (813) 494-6076

Description of Work & Status: H2M is working with Castle Lanterra on the expansion of the Vue at Belleair, existing 339-unit, two-building development. Castle Lanterra Properties sought to expand its existing 339-unit, multi-family housing development off Old Tampa Bay, Clearwater, FL.

TAB 7

Minority/Women (M/WBE) Participation

H2M is not a certified minority business enterprise.

We understand the importance of meaningful Minority-Owned Business Enterprise (MBE) and Women-Owned Business Enterprise (WBE) participation on our projects and make every effort to integrate them into our project teams with assigned key roles. H2M maintains its own database of over 100 subconsultants and subcontractors with M/WBE and other certifications who have previously worked with, or are qualified to work with, H2M and our clients. This directory is regularly updated through use of the MyFloridaMarketPlace (MFMP) Directory and other M/WBE directories, along with participation in networking events designed to connect certified and prime firms. Additionally, any certified firms who may be interested in doing business with H2M are invited to connect with us via our website, where we can begin the process of vetting a firm's qualifications and connecting them with appropriate members of our project management team.

To comply with M/WBE procurement goals under Florida Statutes 287.09451, the H2M team includes multiple M/WBE-certified firms, to be utilized as-needed, including:

- CES Consultants, Inc. (MBE) - Site/Civil Engineering and Permitting
- Longitude Surveyors, LLC (MBE) - Land Surveying
- TSFGeo (MBE) - Geotechnical Engineering

H2M is currently working with the above-listed subconsultants for our City of Fort Lauderdale Design Criteria Packages for Fire Stations 13 and 88 project.



TAB 8

Subconsultants

H2M's specialty subconsultants for this contract include:

- CES Consultants, Inc. (MBE) - Site/Civil Engineering and Permitting
- Longitude Surveyors, LLC (MBE) - Land Surveying
- Trophy Point, LLC - Cost Estimating
- TSFGEO (MBE) - Geotechnical Engineering

Highlights of our subconsultants' qualifications are provided below.

► **CES Consultants, Inc. (MBE)**

*880 SW 145th Ave, Suite 106, Pembroke Pines, FL 33027
Contact: Rachel Sak, (305) 479-6596, rsak@cesconsult.com*

CES Consultants is a minority-owned, full-service engineering firm founded in 2001. The firm is headquartered in Broward County (Pembroke Pines), with additional offices in Miami, West Palm Beach, Tampa, Jacksonville, and Orlando. They deliver incomparable services using cutting-edge innovation while building lasting relationships with municipal, governmental, and private sector clients throughout Florida. Their diverse client base includes state agencies, counties, cities, water management districts, utilities, the Seminole Tribe, school districts, and private clients. CES is currently serving as a civil subconsultant to H2M for the City of Fort Lauderdale Design Criteria Packages for Fire Stations 13 and 88 and Town of Davie Diesel Generator Replacement.

► **Longitude Surveyors, LLC (MBE)**

*7700 North Kendall Drive, Suite 705, Miami, FL 33156
Contact: Eduardo Suarez, PSM, (305) 463-0912, esuarez@longitudefl.com*

Longitude Surveyors, LLC, has been serving South Florida since 2004. The firm's services include a wide range of land surveys, construction surveys and support, 3-D laser scanning and building information modeling, subsurface utility engineering. Longitude is currently serving as a land surveying subconsultant to H2M for the City of Fort Lauderdale Design Criteria Packages for Fire Stations 13 and 88 and Town of Davie Diesel Generator Replacement.

► **Trophy Point, LLC**

*4588 South Park Ave, Blasdell, NY 14219
Contact: Richard Chudzik, (716) 823-0006, rchudzik@trophypoint.com*

Trophy Point, LLC provides construction cost estimating, owner's representative, construction management, and construction consulting services. For decades, Trophy Point has provided construction cost estimating services, where required, in the pre-construction, construction, and post-construction phases of a project. In 2018, Trophy Point merged with Baer & Associates, a nationally-recognized cost consulting firm known for its estimating accuracy and thoroughness. The combination of Trophy Point's mission first approach with Baer & Associates' experienced staff and history enabled the organization to integrate best practices of both teams in a manner that resulted in tremendous synergistic benefits to the industry. Trophy Point has worked with H2M on cost estimates for multiple fire station projects.

► **TSFGEO (MBE)**

*2765 Vista Parkway, Ste 10, West Palm Beach, FL 33411
Contact: Bonni Funt, (561) 687-8536, bfunt@tsfgeo.com*

Tierra South Florida, Inc d/b/a TSFGEO, is a full-service consulting geotechnical engineering, construction materials testing, and inspections firm. Since 2000, their professional team has been committed to providing quality, responsive service while establishing a reputation for adhering to the highest ethical, technical and business standards. With headquarters in West Palm Beach and offices in Miami, Tampa, and Orlando, they own and maintain state-of-the-art laboratories certified by Construction Materials Engineering Council (CMEC) for soil, concrete, and aggregate testing. Additionally, the firm's WPB laboratory is validated by the Florida Department of Transportation (FDOT) and United States Army Corps of Engineers (USACE). TSFGEO is currently serving as a geotechnical subconsultant to H2M for the City of Fort Lauderdale Design Criteria Packages for Fire Stations 13 and 88 and Town of Davie Diesel Generator Replacement.

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construction environmental services
structural engineering interior design
sustainable design corrosion consulting
water resources engineering mapping
interior design
design
mep civil
gis water
mapping
services
corrosion
planning
development construction environmental
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inspection services sustainable design
resources structural
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Exhibit 6

Page 70 of 70