



RLI 26-003

ELECTRONIC

Continuing Contract for

CIVIL ENGINEERING SERVICES (CCNA)

DECEMBER 18, 2025

SUBMITTED TO:

CITY OF POMPANO BEACH, FL

Procurement and Contracts

1010 NE 3rd Avenue

Pompano Beach, FL 33060

954.786.4098

SUBMITTED BY:

MCKIM & CREED, INC.

Boca Raton, FL

561.910.8630 | mckimcreed.com



MCKIM & CREED
ENGINEERS SURVEYORS PLANNERS



1 TABLE OF CONTENTS



City of Pompano Beach, FL

RLI 26-003 | CONTINUING CONTRACT FOR CIVIL ENGINEERING SERVICES (CCNA)



TABLE OF CONTENTS

i. Title Page	01
1. Table of Contents	03
2. Letter of Transmittal	05
3. Technical Approach	08
4. References	23
5. Project Team Form	37
6. Organizational Chart	39
7. Statement of Skills & Resumes	41
8. Office Locations	74
9. City & Local Business Forms	76
10. Financial Statements	83
11. Insurance / Exhibit B	85



December 18, 2025

City of Pompano Beach
Procurement & Contracts Division
1010 NE 3rd Avenue
Pompano Beach, FL 33060



RE: RLI 26-003 - Continuing Contract For Civil Engineering Services (CCNA)

Dear Members of the Selection Committee:

The City of Pompano Beach is entering a transformative period in the renewal and modernization of its water, wastewater, stormwater, roadway, and community infrastructure. McKim & Creed is honored to submit our Letter of Interest for RLI 26-003 and to offer a multidisciplinary team that is fully prepared to support the City's ambitious goals with dependable delivery, technical excellence, and a genuine commitment to partnership.

ALIGNMENT WITH THE CITY'S CAPITAL IMPROVEMENT PLAN (CIP) | We recognize that the FY 2026–2030 CIP prioritizes system resiliency, regulatory readiness, operational reliability, and long-term asset stewardship. Many of the City's major investments such as force main assessment and replacement, lift station rehabilitation, water main upgrades, reuse expansion, stormwater retrofits, wellfield performance studies, and water treatment facility improvements fall within McKim & Creed's core strengths.

Our team includes specialists in water and reclaimed water distribution, wastewater conveyance, pumping facilities, drainage, resiliency planning, facility evaluations, permitting, and construction-phase support. We are ready to integrate seamlessly into the City's five-year program and advance projects immediately.

LOCAL PRESENCE AND COMMUNITY PARTNERSHIP | McKim & Creed operates daily from our Boca Raton office which allows for rapid response, in-person collaboration, and familiarity with the City's utility systems, neighborhoods, permitting authorities, and expectations for transparency and service.

Your proposed Project Manager, Omar Khan, PE, having lived in Broward County for the majority of his working career, understands the unique operational challenges of coastal South Florida. Omar, together with the full McKim & Creed team, will bring a personalized, highly skilled, and hands-on approach to every Pompano Beach project. We view every work order, whether large or small, as an opportunity to strengthen your systems, support your staff, and serve Pompano Beach residents with excellence, reliable budget control, with the large majority of assignments delivered at or below the authorized work-order value.

ON-TIME & ON-BUDGET DELIVERY | Your evaluation criteria emphasize the importance of performance. Our record speaks clearly. Under continuing contracts statewide, McKim & Creed has delivered:

- » 2,000+ assignments under CCNA-type continuing service contracts.
- » Minimal change orders, in many cases less than 2 percent.
- » Early delivery of key CIP projects such as pump stations, roadway utility relocations, force mains, stormwater retrofits, and emergency repair inspections.

Our discipline comes from a structured QA/QC process, early risk identification, and fast-track work-order mobilization that ensures work begins within days of authorization.

**MCKIM & CREED
BY THE NUMBERS**

47
YEARS IN
BUSINESS

36
U.S. OFFICES

1000+
PROFESSIONALS

220+
LICENSED P.E.'S

140+
P.L.S. LICENSES

17
LEED
PROFESSIONALS

DEPTH & QUALIFICATIONS OF TEAM | We are proposing a senior, Florida-licensed project manager and principal-in-charge supported by discipline leads in civil, roadway, utilities, stormwater, electrical, structural, and environmental engineering. The team mirrors the organization used successfully on other municipal continuing contracts, giving Pompano Beach:

- » Depth for parallel task orders.
- » Backup coverage for schedule continuity.
- » Full in-house capabilities (civil, survey, SCADA/I&C, structural, mechanical, permitting, SUE, and GIS).

Resumes, an organizational chart, and license documentation are included as required.

SEAMLESS INTEGRATION WITH CITY SYSTEMS | We will fully adopt the City's web-based project management platform for RFIs, submittals, daily logs, schedules, and close-out deliverables. Our internal systems align directly with the City's workflow for:

- » Design development and review.
- » Permit package preparation.
- » Construction phase coordination.
- » As-built documentation and certified record drawings (AutoCAD DWG 2011+/GIS).

A sample project timeline and deliverable checklist are included in our response.

RISK MITIGATION, COMPLIANCE & PREPAREDNESS | McKim & Creed meets all CCNA requirements, carries all mandated insurance, and maintains full bonding capacity. Our work will include:

- » Early risk workshops for every work order.
- » A structured change-order mitigation plan.
- » Rapid-response capabilities for emergency water, wastewater, stormwater, and infrastructure repairs.
- » Proven experience with drainage, pump station rehabilitation, and utility replacement work, all supporting the City's diverse infrastructure needs.

COMPETITIVE PRICING & TRANSPARENT WORK

AUTHORIZATION | We support the City's need for clarity, predictability, and fairness. Our proposal includes:

- » A clean, competitive rate schedule.
- » Optional fixed-fee templates for common task orders.
- » A demonstrated history of negotiating work authorizations efficiently and staying within CCNA limits.

Our structure keeps overhead low and passes savings directly to the City.

YOUR PARTNER FOR "CITY-SCALE" CIVIL

ENGINEERING | We understand the pace, expectations, transparency, and accountability required by Pompano Beach. Our commitment is simple:

- » Local, responsive, municipal-grade civil engineering with turn-key survey-to-design delivery.
- » Proven track record delivering Pompano Beach-scale projects on time and on budget with disciplined QA/QC.
- » Committed to Pompano Beach's local staff, local subcontractors, and measurable participation under the City's Local Business Program.

Thank you for your consideration. We would be honored to support the City and CRA through this continuing services contract.

Sincerely,

McKim & Creed, Inc.



Omar Khan, PE
Project Manager



Mario E. Loaiza, PE, F.ASCE
Principal-in-Charge

Acknowledgement of Addendum

- | | |
|-------------------------------------|------------|
| ☒ | Addendum 1 |
| ☒ | Addendum 2 |
| ☒ | Addendum 3 |

COMPLETE THE PROPOSER INFORMATION FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RFP IN THE EBID SYSTEM.

PROPOSER INFORMATION PAGE

RFP RLI 26-003, CONTINUING CONTRACT FOR CIVIL ENGINEERING SERVICES (CCNA)
(number) (RFP name)

To: The City of Pompano Beach, Florida

The below named company hereby agrees to furnish the proposed services under the terms stated subject to all instructions, terms, conditions, specifications, addenda, legal advertisement, and conditions contained in the RFP. I have read the RFP and all attachments, including the specifications, and fully understand what is required. By submitting this proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this proposal.

Proposal submitted by:

Name (printed) Mario E. Loaiza Title Regional Manager • Water

Company (Legal Registered) McKim & Creed, Inc.

Federal Tax Identification Number 56-2136769

Address 6501 Congress Ave. #160

City/State/Zip Boca Raton, FL 33487

Telephone No. 386.274.2828 Fax No. 386.274.1393

Email Address mloaiza@mckimcreed.com



3

TECHNICAL APPROACH

3 Technical Approach

A risk-based approach will protect the City's budget and schedule by proactively identifying and resolving potential regulatory, construction, and operational risks upfront during the planning and design phases of a project. Our proven approach can reduce construction costs by over 12% when compared to industry averages for construction cost escalation – which can result in almost \$500,000 in savings for each project constructed under continuing services contract guidelines.

UNDERSTANDING

McKim & Creed's team has the availability and knowledge to assist the City's staff with the development and implementation of water, wastewater, and civil engineering projects. We understand that water and wastewater are critical infrastructure components that impact the quality of life for your residents and businesses. By providing quality professional services in a timely manner, McKim & Creed increases the City staff's capacity to address daily utility needs for the community. Aging facilities and changing technology necessitate continued renewal and rehabilitation efforts. Our multidisciplinary team can assist with all aspects of civil engineering from leak assessments of existing collection and distribution systems to infiltration and inflow studies, hydraulic modeling, lift station rehabilitation, stormwater and local roadway projects.

GENERAL APPROACH

Omar Khan, Project Manager, will manage this contract and will be the City's primary point of contact. Living near Pompano Beach and having worked in Broward County for the majority of his professional career, Omar is familiar with common infrastructure concerns like water supply management, lift station rehabilitation and aging utility infrastructure concerns.

Since the contract may include a wide variety of assignments, the specifics of the approach will vary based on the needs and goals of each work order. Each work order will be developed to meet stakeholder, operational, and financial objectives. We have standard project approaches that we follow to complete each project.

One thing that sets us apart from our competitors is that we provide the same level of attention to detail—no matter how big or small the assignment. For each and every assignment, we focus on the following four elements.

1 CONSTRUCTABILITY	Each design will focus on practical, cost-effective construction that minimizes disruptions—critical for CIP projects like Water Main and Force Main replacements and work along NE 10th Street/US-1 corridors. Early constructability reviews resolve conflicts, MOT, bypass pumping, and utility crossings during design.	MINIMIZE DISRUPTION AND CHANGE ORDERS.
2 OPERABILITY	Ensuring improvements are intuitive and efficient is vital for the City's Lift Station Rehabilitation Program. Our process starts by listening to operators and maintenance staff—the people who run these facilities. We incorporate their preferences for wet well and valve vault orientation, valve and pump selection, access needs, and long-term maintenance early in design. By aligning electrical, mechanical, and SCADA systems with existing workflows, we deliver lift stations that are safe, easy to operate, maintain, and tailored to the City's daily needs.	OPERATOR-CENTERED DESIGN THAT ENHANCES SAFETY AND SIMPLIFIES O&M
3 FLEXIBILITY	McKim & Creed's design philosophy prioritizes flexibility as the City advances its reduction of I&I into its gravity sewer systems. With evolving discharge limitations and regulations for wastewater treatment and disposal, we are ready to partner with you to identify and repair leaks. With our in-house SSES and I&I testing services, we have the flexibility to address issues as they are found in real time helping the City reduce costs and to maintain compliance.	FUTURE-READY DESIGN THAT SUPPORTS LONG-TERM REGULATORY AND CAPACITY NEEDS.
4 SUSTAINABILITY	Flood and climate resiliency are vital for projects like Tide Valve Installations, Drainage Rehabilitation, Seawall Enhancements, and Pump Station Improvements. Our coastal engineering expertise strengthens infrastructure in tidal and storm-prone areas, ensuring long-term asset protection and reliable service under changing coastal conditions	RESILIENT SOLUTIONS FOR TIDAL FLOODING, DRAINAGE REHABILITATION, AND ROADWAY PROTECTION.

DEMONSTRATED APPROACH TO MANAGE RISK

We follow standard project approaches to ensure we complete each project to the best of our ability. Table 3.1 provides typical tasks that are generally included in the planning, design, bidding, and construction phases. Tasks will be tailored to achieve the collective goals of key stakeholders and to manage risks properly to protect the City's interests.

Table 3.1 | Summary of Tasks

PRELIMINARY ENGINEERING ACTIVITIES		
✓ Preparation of a Project Performance Plan	✓ Preliminary estimate of construction cost	✓ Easement and property acquisition requirements
✓ Aerial and/or land survey	✓ Evaluation of non-economical impacts	✓ Development and evaluation of alternative project solutions & costs
✓ Accumulation and review of existing and proposed utility data	✓ Progress reporting and meetings	✓ Coordination with regional master plans
✓ Evaluation of alternative materials, equipment and processes	✓ Geotechnical and hydro-geological investigations, as warranted	✓ Development of stakeholder engagement plans
✓ Development of initial risk registers	✓ Recommendation of the best alternative	✓ Basis of design report with review by the City
FINAL DESIGN ACTIVITIES		
✓ Preparation of the plans and specifications	✓ Project Performance Plan updates	✓ Maintenance of traffic plans, if applicable
✓ Progress reporting to the City's project manager	✓ Updated estimates of construction cost at each stage of completion	✓ Coordination with other utilities, departments and developers
✓ 30%, 60%, 90% and 100% review meetings with City staff, as necessary	✓ Preparation of permit applications	✓ Land acquisition assistance
BIDDING ASSISTANCE		
✓ Conducting the pre-bid conference	✓ Preparation of addenda	✓ Review of bids
✓ Investigation of bid irregularities	✓ Investigation of low bidder qualifications	✓ Report on bid and recommendation for award
CONSTRUCTION ENGINEERING AND OBSERVATION		
✓ Assistance awarding the contract	✓ Test verification	✓ Rejecting defective materials
✓ Providing advice and consultation	✓ Conflict resolution	✓ Issuing supplemental drawings
✓ Maintaining construction records	✓ Full-time construction observation if needed	✓ Record drawings
✓ Reviewing shop drawings and other submittals	✓ Reviewing and approving partial pay requests	✓ Conducting the pre-construction conference
✓ Scheduling and conducting monthly progress meetings	✓ Final inspection and punch list	✓ Certification of completion

The City is seeking an engineering firm to provide cost-effective, practical, and resilient solutions to the operational, environmental, and regulatory challenges that must be resolved to maintain reliable services.

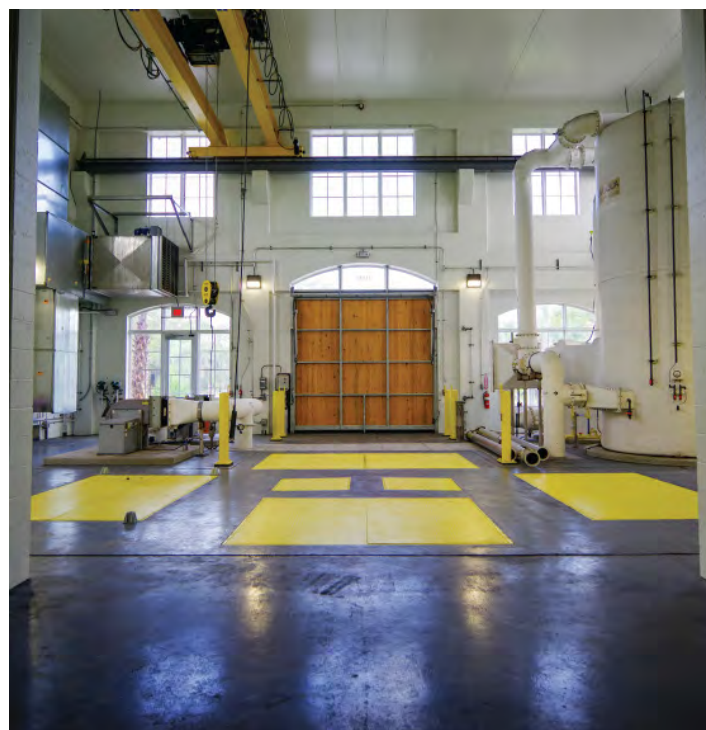
As a fully integrated and multi-disciplinary team, we offer the City a single point of responsibility and the ability to provide services in an expedited manner.

CONSENSUS-BASED PROJECT SCOPES

The success of each Pompano Beach work order begins with collaboration. **From the start of every assignment, McKim & Creed engages City Utilities, Public Works, and Engineering staff to capture their institutional knowledge and priorities while ensuring that each design "begins with the end in mind."** We view City staff as true partners in shaping projects that align with Pompano Beach's Capital Improvement Plan, sustainability goals, and long-term utility vision.

We emphasize open dialogue and frequent reviews so that designs meet the City's expectations for constructability, permitting, and operational functionality. When projects affect neighborhoods or major corridors, our team coordinates closely with City communications to keep residents, businesses, and elected officials informed through public outreach and construction updates while supporting transparency and minimizing disruption.

McKim & Creed understands that Pompano Beach's near-term improvement projects can have lasting impacts on system reliability, resiliency, and public trust. Whether the task involves a neighborhood water main replacement or large-scale lift station upgrades, our team applies the same level of precision, creativity, and care to every work order regardless of size or complexity.



► City of Sarasota - Lift Station No.87



Omar Khan, the Project Manager, will review and develop all task authorization requests with input from one or more of our technical leaders as part of our QA/QC process.

At McKim & Creed, we believe the foundation of every successful project starts with a genuine partnership and active listening. We work side by side with City staff, attentively capturing every operational, technical, and community consideration before developing a solution. Our role is not only to design infrastructure, but to help the City achieve its goals through teamwork, trust, and continuous coordination.

Omar will develop draft task authorizations and hold coordination meetings early and often to ensure all perspectives are heard and incorporated. This teamwork allows us to design with confidence.

In addition, this will create projects that are both technically sound and uniquely responsive to Pompano Beach's needs. By combining the City's institutional knowledge with McKim & Creed's multidisciplinary expertise, we deliver results that reflect shared priorities: resilient infrastructure, operational efficiency, cost control, and community value.



► City of Sarasota - Lift Station No.87

PROJECT MANAGEMENT

For each project the City assigns, our team will develop a clear and concise Project Management Plan (PMP) to ensure that critical success factors are identified, understood, and communicated to the entire project team and the City. The PMP will serve as a "roadmap to success" for quality deliverables and will also extend to all subconsultants. An outline of a typical McKim & Creed PMP is shown below.

Our proven approach to project management ensures alignment with the City's goals, proactive risk mitigation, and seamless coordination across all stakeholders. By leveraging industry best practices and McKim & Creed's decades of experience, we deliver transparency, accountability, and measurable results.

PRELIMINARY OUTLINE OF OUR PMP CONTENTS

» Project Overview and Key Milestones	» Electronic Information Management Plan	» Project Permitting Plan
» Organizational Structure and Responsibilities	» Environmental Management Plan	» Resource Requirements
» Communication Plan	» Quality Management Plan	» Schedule/Milestones
» Safety Management Plan	» Design Delivery Plan	» Warranty Administration Plan
		» Post Project Review with The City

Preliminary Engineering needs to occur, whether it is in the informal sense of basic data gathering and discussions with "head-nods" on how to proceed, or more formal "Preliminary Design Reports" (also named, "Basis of Design Reports") documenting all information gathered and providing recommendations on how to proceed along with 30% design concepts and cost opinions.

For a pipeline project, McKim & Creed begins with field reconnaissance by experienced pipeline design and construction engineers. This is typically required to supplement information that may not be shown on existing utility maps or record drawings. A constructability evaluation is made and the condition of pavements, adjacent drainage, overhead utilities, traffic flow, presence of wetlands, access for special crossings, and the type and density of commercial and residential developments that may be impacted by construction are assessed. If necessary, SUE investigations in the area of the proposed project can be provided for either type of project.

FINAL DESIGN

Following agreement on the recommendations associated with "how to proceed" as part of the Preliminary Engineering, final design may include the following activities:

- ▶ An existing conditions survey will be performed for the full project site, if an acceptable design survey does not already exist.
- ▶ Modeling of the associated pipeline hydraulics or of the process of the facility may be performed either for design purposes or for construction sequencing as necessary.
- ▶ Detailed construction drawings will be prepared that will include plan and profile sheets developed in a scale suitable to the City. The plan and profile sheets will define the precise horizontal and vertical alignment of the proposed pipeline, as well as all special crossings of roadways, ditches, and other public or franchise utilities. Restrained joints will be shown and special pipe bedding will be indicated where necessary. Line valves and air release and vacuum valves will be located as appropriate. Detailed drawings will be included for these appurtenances, as well as pipe bedding and other appropriate pipeline construction item information. Similar detail will be provided for stormwater and roadway projects. After internal QA/QC reviews are completed and comments addressed, construction plans will be submitted to the City for review at the 30, 60, 90 and 100 percent completion stage. A review meeting with the City will be held and review comments, as appropriate and agreed to, will be incorporated at each milestone.
- ▶ Detailed construction specifications including bidding documents will be prepared for all phases of proposed construction. The construction specifications will be submitted for review at the 90 and 100 percent completion stages.

ABILITY TO MEET SCHEDULE & BUDGET

Our project team includes an integration of engineers, estimators, and construction specialists from the initial stages of design through project close-out. This approach develops early cost models and tracks trends so the team can manage risks and provide cost certainty within your established budget and schedule.

SCHEDULE CONTROL

Design Schedule

McKim & Creed utilizes PlanTrax® as an internal control to develop the scope of work, including project tasks, personnel, budgets, and schedule. PlanTrax® is an Excel®-based project management software that employs the earned value approach to assess budget and schedule status throughout the duration of the project.

Our project manager compares monthly updates to the original project schedule during planning and design to determine if the project is ahead or behind schedule.

McKim & Creed's depth of resources offers the flexibility to make adjustments in our staff allocations to keep projects on track. This is an important aspect of working in today's fast-changing environment. Over the last few years, we have worked closely with clients to meet ever-changing schedules of projects driven by the change in funding availability, drastic population swings and growth forecasts, regulatory changes, and the rapidly changing priorities of elected officials.

Construction Schedule

During construction, a project schedule will be developed by the contractor using Primavera P6 (or an equivalent program). The draft construction schedule will be reviewed by our design team and construction specialists for logical sequencing, adequate float time, and activities that may impact the critical path (i.e., building permits, long lead-time purchases, etc.).

As construction progresses, we typically perform rolling 2- and 4-week 'look-aheads' to monitor progress. The contractor will be requested to make adjustments, as needed, to maintain the critical path and protect the substantial completion date.

This schedule will be updated on a monthly basis and used as a tool to track progress, identify potential issues, and prepare mitigation strategies as necessary. Updated schedules will be a prerequisite for review of the contractor's monthly pay requests.

COST CONTROL

Managing Design Budgets

As a complement to PlanTrax, we also review our accounting software, BST®, to closely monitor project expenditures. Project expenditures are reviewed at the end of each week, and formal reviews are conducted with the project team on a monthly basis, including subconsultants.

We propose to provide earned revenue and schedule comparisons to the City with our monthly invoices. Potential cost overruns (or schedule slippages) will be discussed during our progress meetings to maintain transparency throughout the project.

Opinions of Probable Cost

Our team will meet with the City at the onset of assigned projects to review and understand financial requirements and budget constraints. Our team will provide engineering opinions of probable construction cost at specified project milestones lending an opportunity to modify designs or bidding configurations to better match the City's project budget, if necessary. Understanding and establishing up-front budget expectations is critical to the success of any project with today's market swings and rising construction costs.



CONTROLLING CONSTRUCTION COSTS

Industry data suggests change orders account for 8% to 14% of final construction costs and can delay projects as much as 20% past completion dates. Our team has developed proven change management procedures that effectively manage project risks and resolve real or perceived claims in an open, transparent, and collaborative manner.

It's critical that the change order process is understood by all stakeholders and owner, contractor, subcontractors, vendors, and consultants, and that open lines of communication are maintained. The change management process should be clearly outlined in the contract documents, reviewed in pre-bid meetings, and reiterated during pre-construction workshops.

Unforeseen site conditions are reported to be the major source of claims by contractors in Florida, including unidentified utilities, unsuitable soils, and sinkholes. We recommend including a baseline geotechnical report with the contract documents that can be used as the basis of all bids for all contractors. This will minimize the potential for subsequent claims, reduce contractor risks, and reduce bid amounts.

We recommend hosting constructability workshops before construction begins with the entire team - the contractor, key subcontractors, the owner, and the engineer. The goal

is to identify and resolve potential ambiguities, errors or omissions prior to mobilization. Changes are less costly to manage at the start of the process, rather than when construction is underway.

Our team typically reviews pending Requests for Information (RFI's) and potential change orders at all construction progress meetings. The goal is to develop consensus-based solutions that are agreeable and fair to all parties.

Ideally, we will attempt to review and resolve change orders at the project manager level. If not, the contract documents should clearly outline procedures to elevate and resolve claims internally between the owner, contractor, and engineer without requiring mediation or litigation - this should be a last resort.

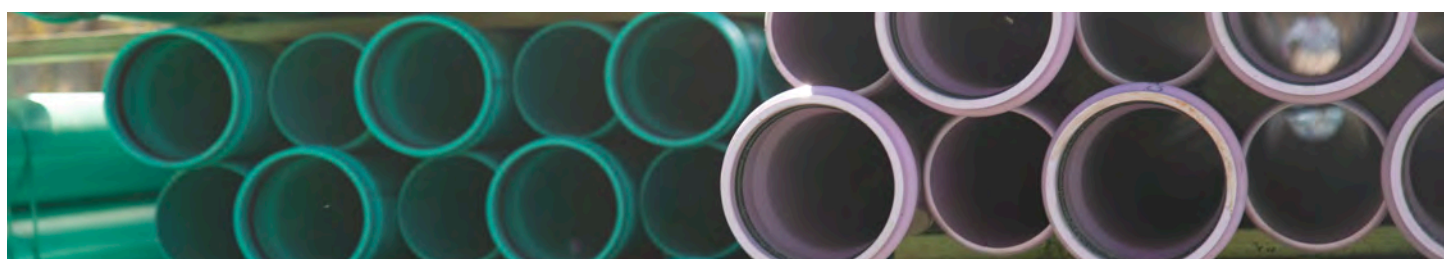
The effectiveness of our construction management program is best documented by comparing estimates of probable costs to final construction amounts. **Table 3.2** includes recent projects that have been completed by our team that reflect project types anticipated under this contract. Winning bids on the projects were typically below the Engineer's Estimate of Probable Cost, allowing projects to be completed well within budget. Additionally, final construction costs on our projects were almost 2% below the bid amount through the use of risk-based contingencies and demonstrated construction management procedures.

Table 3.2 | Demonstrated Quality Assurance/Quality Control

PROJECT	ENGINEER'S ESTIMATE	BID COST	FINAL COST	% DIFFERENCE = BID TO FINAL COST
Bunnell WTP Ion Exchange	\$4,710,000	\$4,828,000	\$4,860,000	0.7%
Myakkahatchee Creek WTP RO Reliability	\$8,970,000	\$8,970,355	\$8,961,404	-0.1%
Burgaw Wastewater System Improvements	\$10,500,000	\$7,018,612	\$7,184,789	2.3%
North to Southeast RCW Water Transmission Main	\$12,583,210	\$10,863,110	\$10,985,631	1.1%
Reclaimed Water Interconnect	\$15,453,800	\$14,160,050	\$13,733,395	-3.1%
Barnards Creek PS Upgrade	\$3,900,000	\$3,676,581	\$3,732,750	1.5%
East County Wellfield Relocation/Expansion	\$7,042,000	\$6,896,772	\$6,351,089	-7.9%
Manatee Agricultural Reuse System	\$4,787,000	\$4,632,309	\$4,343,926	-6.2%
South County Potable Water Re-Pump Station	\$6,455,205	\$5,245,700	\$5,136,282	-2.1%
Allene Avenue Stormwater PS, Ph I and II	\$6,639,525	\$4,821,600	\$4,800,000	-0.4%
AVERAGE	\$8,104,074	\$7,111,309	\$7,008,927	-1.4%

Contractor bids were 12% less than McKim & Creed's cost estimates

Final contract costs were 1.4% less than initial bid costs



➔ CONFLICT RESOLUTION (OR AVOIDANCE)

Transparency, collaboration, and open communication are at the core of our approach. The timely delivery of information pertaining to proposed services, planned activities, work efforts accomplished, and issues anticipated and resolved is central to McKim & Creed's core philosophy. Communication is essential among all the team members to ensure each project runs smoothly and there are no unexpected issues. **A communication plan will be established at the beginning of the project to effectively coordinate among McKim & Creed, our subconsultants, and City staff.**

Our team's philosophy is to resolve conflicts at the lowest level of the organization in a timely manner to avoid escalation. Key components of our proposed change management procedures include:

INCIDENT OR CHANGE TRACKING

The Project Manager will be notified immediately of potential conflicts, both internal and external to the design team. The incidents will be tracked to ensure they are addressed in a timely manner.

CONFLICT RESOLUTION PROCESS

The Project Manager typically has the authority to resolve design and construction issues directly with the City's Project Manager or designated representative. Should the issue not be resolved at that level within 30 days, it will automatically be elevated to the Client Service Manager for resolution.

➔ RISK MANAGEMENT

We recommend the development and implementation of a risk register through all phases of the project. An effective risk register identifies, allocates, and monitors risks during design, construction, and commissioning to protect all team members, including the City of Pompano Beach, the engineer, and the contractor. Through appropriate risk management, the intent is to reduce project costs.

The risk register should be reviewed, refined, and updated at all team meetings to monitor and adjust risk allocation and enhance collaboration with all stakeholders.

Risk registers should include not only financial risks, but also scheduling, permitting, safety, environmental, and operational considerations. Contingency amounts can be used as the basis for reducing retainers to further protect the City's interests.

Our team's use of risk registers to develop project contingencies and to properly allocate or accept risks has resulted in final construction costs that are approximately 2% less than the bid amounts on recent projects of similar size and complexity.

➔ MANAGING DESIGN ISSUES

In the event of real or perceived design issues, McKim & Creed will partner with the City to develop a mutually beneficial and equitable resolution. Should the City find issues with a work product (design or cost) the following steps would be taken to immediately resolve the issue in question:

1. After notification by the City that a work product is questioned, or if there are issues with project invoices and/or costs, the assigned McKim & Creed project manager will meet directly with the City representative to discuss the issue.
2. Once the issue is clearly understood, the project manager will present the City representative with a corrective action. This plan will be provided to the City within 24 hours of the meeting.
3. Based on the agreed upon corrective actions, the project manager will correct issues mutually agreed upon and deliver the adjusted work product to the City.
4. A final meeting will be held with the City when the adjusted work product is delivered. The purpose of this meeting is to discuss adjustments made as agreed in the initial meeting. Once accepted by the City, the work product will be considered final.



► City of Ormond Beach - Wilmette Ave. Pump Station



FIELD COMMUNICATION MANUAL

Our team proposes to develop a Field Communications Manual that outlines procedures for the team to follow when communicating with businesses, residents, and the media. The manual would also include a call-down list for emergencies or interview requests. This has proven to be an effective tool for managing miscommunication, mitigating stakeholder misinterpretation, and managing third-party claims.

STAKEHOLDER ENGAGEMENT

ELECTRONIC INFORMATION MANAGEMENT

Our team will leverage software and technology to provide an electronic information management system for projects. This will enable all stakeholders to exchange, review, store and retrieve documents in real time and will facilitate communication between internal and external team members, including City staff. At the end of each project, the folders can simply be downloaded and turned over to the City in electronic format.

We typically establish a secure FTP or SharePoint site for each contract. This will allow the team to readily transfer information and allow City staff to review progress reports in real time.

PERMITTING AGENCIES

Most of the projects assigned under this continuing services contract will require permitting through one or more regulatory agencies, or at least require discussions with these agencies to discuss future or pending regulations that may impact design. Our team is experienced with partnering with the local, state, and federal agencies that may have jurisdiction over projects delivered under this contract, including the Water Management District, Florida Department of Environmental Protection, Army Corps of Engineers, and Florida Department of Transportation.

Based on our experience, we have found it is advantageous to conduct pre-application meetings with these agencies to understand their potential concerns and to open the lines of communication at the initiation of the design. Furthermore, by keeping the regulatory agencies informed throughout the design process, changes in regulations can be understood and potential permitting hurdles can be avoided. This simple effort will expedite the overall permitting process and significantly reduce extensive, time-consuming redesigns.

Once permit applications have been submitted, we will follow up with the respective regulatory agencies to monitor the progress of the application and address agency comments during the review process. We will strive to respond to comments within 10 days after receipt and will encourage City review and comment prior to submitting our response to the agency.

Finally, maintaining our assertion that communication is one of the cornerstone elements of project management, McKim & Creed will create and maintain a permitting log that tracks the date of each agency submittal as well as correspondence, so City staff members are aware of the project's permitting status at all times.

Our experience has demonstrated that pre-application meetings at the initiation of a project ensure timely approval. Additionally, permit applications will be submitted at the 60% design stage to protect project schedules.

"MCKIM & CREED HAS TRANSFORMED WHAT WAS A BLACK EYE FOR THE CITY INTO A PROJECT THAT IS BEING EMBRACED BY THE RESIDENTS – WELL DONE."

Former Commissioner Suzanne Atwell
Lift Station 87 - City of Sarasota



City of Sarasota - Lift Station 87 Project Recognition & Awards:

- » ENR Southeast Award of Merit (2021)
- » Florida Water Environment Association – Excellence in Engineering (2018)
- » American Public Works Association, Florida Chapter – Project of the Year (2018)
- » ISI Envision Silver Award (2025)

COORDINATION WITH UTILITY AGENCY OWNERS

Utilities in Pompano Beach are often located within densely developed corridors where rights-of-way are limited and infrastructure conflicts are common. The alignment of new, improved, or relocated utilities must take into account existing trees, landscaping, stormwater features, and ongoing roadway improvements led by FDOT, Broward County, and private developers.

Because Pompano Beach continues to experience redevelopment and population growth, proactive coordination between City departments, regional utilities, and private franchise owners is essential to maintain reliable service and minimize disruption.

McKim & Creed works collaboratively with all Utility Agency Owners (UAOs) throughout planning, permitting, design, and construction to mitigate conflicts and ensure seamless integration of services. We frequently coordinate with franchise utilities such as FPL, AT&T, and Comcast to locate underground power and communication lines as part of municipal utility projects, helping to build a more resilient and storm-hardened network. Where feasible, we facilitate cost-sharing arrangements or synchronized construction schedules to reduce duplication of effort and community inconvenience. **Understanding that Pompano Beach's neighborhoods and business corridors are sensitive to construction impacts, our team also partners with City communications to develop clear, proactive outreach strategies.** These include early notifications, stakeholder meetings, and neighborhood updates that promote transparency, manage expectations, and strengthen public trust throughout every project phase.

COORDINATION WITH IMPACTED COMMUNITIES

Maintenance of Traffic (MOT) is critical to the success of any utility improvement or replacement project. Our team proposes preparing detailed MOT plans as part of our design to maintain safe movement of vehicular, pedestrian, and bicycle traffic throughout construction zones. Based on the success of recent similar projects, the MOT plans should be reviewed with the residential and business communities as well as the owner agency.

Table 3.3 | City of Pompano Beach Risk Management & Mitigation

CATEGORY	RISK / CHALLENGE	MITIGATION STRATEGY	BENEFIT TO CITY OF POMPANO BEACH
Flooding, Storm Surge & Sea-Level Rise	Low elevations and rising groundwater create vulnerabilities to flooding and equipment damage.	Incorporate resilient design standards: elevate equipment, harden facilities, integrate sea-level-rise and storm-surge projections into design.	Protects critical assets and ensures continuity of service during extreme weather events.
Infrastructure Capacity & System Growth	Rapid development increases water, wastewater, and reclaimed system demand.	Perform hydraulic modeling, system assessments, and phased capacity planning consistent with Pompano Beach's growth and CIP projections.	Prevents system overloads, supports managed growth, and aligns improvements with CIP funding cycles.
Construction & Community Impacts	Utility projects occur near homes, schools, and major corridors, creating public inconvenience.	Develop proactive public outreach and Maintenance of Traffic (MOT) plans in coordination with City communications and Public Works.	Enhances transparency, reduces complaints, and preserves community trust.
Cost Escalation & Schedule Control	Inflation and labor shortages impact budgets and delivery timelines.	Use McKim & Creed's PlanTrax® and BST® systems for real-time cost and schedule tracking; maintain active contingency plans.	Keeps projects on budget and within schedule while ensuring fiscal accountability.
Asset Resiliency & Lifecycle Risk	Aging infrastructure and rising energy costs reduce long-term reliability.	Apply lifecycle cost analysis, encourage redundancy (standby power, corrosion protection, SCADA upgrades).	Extends asset lifespan, reduces maintenance costs, and strengthens system reliability.

INNOVATIVE APPROACHES TO PROVIDING SERVICES

In the ever-evolving landscape of engineering design and construction administration, innovation is paramount. Our multifaceted approach delivers exceptional services that not only meet but exceed expectations. **By maintaining an ideology of approaching projects from the City's perspective, maintaining operations of critical infrastructure during construction, public outreach and clear communication, we aim to provide solutions that resonate with the community.**

APPROACHING PROJECTS FROM THE CITY'S PERSPECTIVE

Many Pompano Beach CIP projects, such as water main replacements, force main renewals, and drainage improvements occur within narrow right-of-way corridors and densely developed neighborhoods. In similar contexts throughout Florida, McKim & Creed has successfully implemented neighborhood-scale utility rehabilitation using careful MOT planning, phasing strategies during peak hours, and trenchless construction methods to maintain access and reduce disturbance.

For example, in Coral Springs, Omar Khan delivered water and wastewater upgrades in tight residential areas by sequencing construction, coordinating homeowner access windows, and using low-profile staging layouts. These same strategies will allow Pompano Beach to advance its Water Main Replacement Program and Force Main Replacement Program with minimal community disruption.

ENHANCING SYSTEM CAPACITY THROUGH WATER MANAGEMENT

Building a strong working relationship with the City of Pompano Beach, **McKim & Creed can support the City in detecting, locating, and repairing leaks within the potable water distribution system returning valuable capacity, promoting sustainability, and reducing operational costs.** Our team can also assist with hydraulic model updates through Baseform integration, providing real-time insights into system performance, growth planning, and vulnerabilities that can be proactively addressed through sound engineering design. From an infiltration & inflow (I&I) perspective, McKim & Creed can support this reduction to enhance hydraulic capacity and system reliability. **For the City of Largo, McKim & Creed assessed five lift station service areas to address recurring SSOs, completing 780 manhole inspections, 128,000 linear feet of CCTV evaluations, and flow monitoring at 18 sites. Using hydraulic modeling and field data, we identified infiltration sources and implemented targeted rehabilitation including cured-in-place lining and epoxy coatings to enhance system capacity, reduce wet-weather SSOs, and extend infrastructure life.**

MAINTAINING OPERATIONS OF CRITICAL INFRASTRUCTURE DURING CONSTRUCTION

Pompano Beach's CIP includes projects that cannot interrupt service like lift station rehabilitation, force main replacements, stormwater conveyance improvements, and planned WTP upgrades.

We have extensive experience designing construction phases around active facilities. **For example, at JEA's Nocatee North Ground Storage Tank Project, McKim & Creed designed phased construction to keep emergency water systems operational while the new tank and stormwater components were built.** This required temporary bypassing, redundant routing, and extremely tight coordination with operators. This same methodology will be applied to Pompano Beach's Lift Station Upgrades, Force Main Isolation Valve Projects, while ensuring uninterrupted service with safe and controlled transitions.

PUBLIC OUTREACH AND CLEAR COMMUNICATION

Several of Pompano Beach's utility and stormwater projects occur in neighborhoods where clear communication is essential. To support this, **McKim & Creed is partnering with The Merchant Strategy (TMS); an experienced South Florida outreach firm to develop project updates, community notifications, and stakeholder engagement plans.** We successfully used this approach during roadway and utility improvements for multiple cities, allowing construction to proceed smoothly while minimizing complaints. This model applies directly to Pompano Beach's Water Main Replacement, Reuse Connection expansions, and Stormwater Rehabilitation projects.

-  **Public Involvement Plan (PIP):** Develop a plan outlining engagement events, timelines, media opportunities, translation needs, and other elements.
-  **Project Webpage:** Create an independent, SSL-certified, ADA-compliant webpage with Google Translate, providing updates, timelines, scope, FAQs, contact info, and a direct contact form.
-  **Stakeholder Mailing List:** Build and maintain a mailing list using Broward County Property Appraiser and Google Earth, including property owners, businesses, schools, places of worship, and emergency services.
-  **Collateral Materials:** Produce newsletters, mailers, flyers, door hangers, and letters detailing project scope, schedule, impacts, and benefits, with multilingual options (Spanish, Creole) and invitations to workshops/meetings.
-  **Project Hotline:** Establish and maintain a hotline as the first contact for stakeholders, logging all communications (name, contact, date/time, issue, response).
-  **Workshops:** Provide logistics for charrette-style workshops, including venue, A/V, notifications, sign-in sheets, comment cards, setup/takedown, attendance, and note-taking.

🕒 CONSIDERING THE IMPACTS OF SEA LEVEL RISE AND CLIMATE CHANGE RESILIENCE

With the growing threat of climate change, it is imperative to consider its impact on engineering projects. Sea level rise, increased frequency of extreme weather events, and other climate-related factors must be considered in the design and construction process. This includes implementing resilient design practices, such as elevated structures, flood barriers, and sustainable drainage systems. Recently, McKim & Creed designed master lift station improvements for the City of Sarasota. **During the stormwater modeling of the site, we suggested placing the emergency generators on an elevated platform at the 100-year flood stage level. During the 2024 hurricane season, this decision paid dividends when the area flooded but the lift station never lost power.** Along Florida's coast, incorporating hurricane hardening measures is essential. This includes reinforcing structures, using impact-resistant materials, and implementing design features that can withstand high winds and flooding. These measures help protect the integrity of the infrastructure and ensure safety during extreme weather events.

Pompano Beach faces similar tidal and storm challenges, and this level of forward-thinking design is directly applicable to the City's Lift Station Rehabilitation Program and Stormwater Tide Valve Projects.

🕒 OBTAINING MULTIPLE SOURCES FOR PROJECT FUNDING

Securing adequate funding is often one of the biggest challenges in engineering projects. Diversifying funding sources can mitigate financial risk and ensure project viability. Potential sources include SRF Loans, grants, FEMA funding, WIFIA loans, and community block grants. A strategic approach to funding can greatly enhance the feasibility and scope of a project. **In late June, McKim & Creed submitted a Clean Water State Revolving Fund Request for Inclusion related to the Supplemental Appropriation for Hurricanes Helene and Milton and Hawai'i Wildfires (SAHM) on behalf of the City of Flagler Beach.** There was a short window of time to apply for this funding and we were very pleased to help our client meet this deadline and to secure \$19 million in funding.

🕒 STANDARDIZING MATERIALS TO MINIMIZE SPARE PARTS AND INVENTORY REQUIRED

Standardization of materials is a practical approach to reducing costs and simplifying maintenance. By using uniform components, projects can minimize the need for diverse spare parts and reduce inventory requirements. This also facilitates easier repairs and replacements, ensuring smoother operations over the long term. **We have assisted many of our clients in standardizing and creating approved vendor lists and specifications.**

🕒 ALTERNATIVE PROJECT DELIVERY METHODS

Exploring alternative project delivery methods can streamline processes and enhance project outcomes.

Design-build is a method where a single entity is responsible for both the design and construction of a project. This approach can lead to faster completion times, improved communication, and often reduced costs, as it eliminates the need for separate contracts for design and construction. McKim & Creed is currently delivering major water and wastewater infrastructure projects in this manner. **St. John's County recently hired the McKim & Creed team to design and build a 30" water main along a major State Road. We provided a guaranteed maximum price and are well ahead of schedule and on-budget.**

Alongside Integrated Project Delivery and Public-Private Partnerships, we will provide innovative, sustainable approaches to deliver efficient, resilient infrastructure.



► City of Palm Coast - Lift Station D Improvements

FUNDING

McKim & Creed has decades of experience helping clients fund their utility projects through grants and other resources. Our team has experience meeting deadlines to acquire funding and offers experience with a variety of funding sources. We recently worked with the City of Ormond Beach on four FEMA HMGP grant applications and project assignments through the Hurricane Matthew and Hurricane Irma cycles.

Our in-house team's experience with project funding and grant applications can support whatever financial services the City requires for projects under this contract. Our ability to support the City's funding needs is complete and available to benefit your projects through the coming years.

Our team is familiar with the following funding sources, among others, and will partner with the City to position for these and other grant and low-interest loan opportunities:

- ✓ FDEP Wastewater Grant Program
- ✓ Building Resilient Infrastructure & Communities Program (BRIC)
- ✓ Water Infrastructure Finance & Innovation
- ✓ FDEP State Revolving Fund (SRF)
- ✓ Hazard Mitigation Grant Program
- ✓ Water Management District
- ✓ Resilient Florida Grant Program
- ✓ Legislative Appropriations
- ✓ Grant Funding/FDOT/LAP Experience

McKim & Creed provided design, permitting and construction services to the City of Palm Coast for the installation of **30 new standby generators to provide essential back-up power for pump stations** throughout the city. Funding for the addition of these generators was acquired through FEMA Hazard Mitigation Grants following power outage challenges in 2017 caused by Hurricane Irma.



► City of Palm Coast - Backup Power for 30 Generators



➔QUALITY ASSURANCE/QUALITY CONTROL PLAN

McKim & Creed develops task-specific Project Management Plans with input from all key team members so that all parties share a common understanding of the project's objectives and the proposed plan of action to effectively and efficiently meet those objectives. Our QA/QC plan for each project will consider more than just plans and specifications; it will also ensure protection of the City's existing infrastructure and more importantly natural resources.

⦿MANAGING SCHEDULE AND BUDGET

McKim & Creed has an outstanding record of success on projects with tight schedules being performed on time and within budget. Our team has thrived on projects with compact schedules. Additionally, we believe one of the best indicators of a quality design is that the final project cost is under the engineer's estimate.

SCHEDULE	COST
As a company we are accustomed to meeting our schedule. We do this through effective communication and QA/QC procedures that ensure we meet our agreed-upon deadlines. We also have a history of successfully completing assignments with expedited schedules to accommodate our clients' needs.	Winning bids on our projects average 12% below the Engineer's Estimate of Probable Cost, allowing projects to be completed well within budget. Additionally, change orders on our projects account for well less than the national average of 12% of the bid amount, a testament to our attention to detail during design and our QA/QC procedures.



QUALITY MANAGEMENT PROCESS	
1.	Technical / Constructability Review Before Sending to City
2.	City Comments Received
3.	Comments Reviewed with both the Design & QC Teams
4.	Comments, Changes and Solutions Incorporated
5.	Internal Q/C Review to Ensure All Comments Are Addressed

QUALITY MANAGEMENT PLAN

McKim & Creed understands the value that an effective Quality Management Plan can have on protecting a project's schedule and budget. Integration of key City staff into the process can also enhance the operability of the facility. Our plan emphasizes proactive communication, challenging and refining planning and design decisions, confirming calculations, enhancing operability, and increasing levels of service. This demonstrated approach will result in cost-effective, practical, safe, and resilient solutions for the City.

Each project will be assigned to a senior, independent professional engineer for QA/QC. The independent reviewer will not be directly involved in the design of the project but will be informed about its schedule, approach, objectives, and expectations. The reviewer will also be kept abreast of City and regulatory review comments and approved scope changes throughout the project to align the review process with the advancement of the project.

The selection of an independent reviewer will be based on their experience and how it relates to the services required to execute the project. **On multidiscipline projects, the independent reviewer may elect to assign other technical specialists, also independent of the design team, to perform more specific reviews of structural, electrical, or other specialty components of the project.**

Subconsultants will be required to perform their own internal QA/QC reviews prior to submitting their documents for our review. This process will be verified through the request for a QA/QC statement to be issued with each submittal. In addition, each subconsultant deliverable will be further reviewed by our independent QA/QC team prior to incorporating their recommendations into our work product.

The purpose of the QA/QC review will be to identify conflicts, redundancies, and inconsistencies; and to ensure the design fulfills the contract requirements, meets regulatory requirements, and aligns with client expectations in a clear

and precise manner without ambiguity. The independent QA/QC review process will occur prior to all project deliverables including meeting minutes, technical memorandums, reports, permit applications, calculations, and design submittals.

The independent reviewer will be responsible for maintaining a QA/QC log that tracks review comments, including those performed by other technical specialists, for discussing them with the design team, and for overseeing that they are properly addressed and documented within the log prior to signing off on the QA/QC process. The QA/QC log may be supplemented with third-party software such as Bluebeam Studio™ that provides a consolidated, cloud-based, electronic document to capture drawing review comments and responses from multiple simultaneous users.

QUALITY MANAGEMENT PROCESS

- ✓ Technical/ Constructability Review Before Sending to City
- ✓ City Comments Received
- ✓ Comments Reviewed with both the Design & QC Teams
- ✓ Comments, Changes and Solutions Incorporated
- ✓ Internal QC Review to Ensure all Comments are Addressed

QA APPROACH FEATURES

We will implement the following independent tasks to build quality into all phases of each assignment:

Implementation of QA/QC Plan

Proposed processes and procedures will be reviewed and accepted by the City. Modifications will be made, if needed, to achieve project-specific QA/QC requirements.

Independent Review & Verification

An independent QA/QC reviewer will be assigned to each task. Cost estimates and schedules will also receive independent reviews to provide realistic and defensible project metrics. QA/QC comments will be tracked on a Design Review and Comment Spreadsheet.

Work in Progress Verification

Deliverables will be reviewed and verified throughout all project phases, including meeting minutes, permit applications, and stakeholder presentations. Reviews will be provided by independent, multidisciplinary engineers, former operators, and construction specialists.

Commitment of Independent Reviewers

Our QA/QC team will consist of senior technical discipline leaders. Qualifications of each independent reviewer can be provided to the City for approval, if requested. All work completed by subconsultants will also be assigned to independent McKim & Creed reviewers.



4 REFERENCES

Bidder Company Name McKim & Creed, Inc.

Qualifications Of Bidders

To demonstrate qualifications to perform the work, and to be considered for award, each bidder shall submit at least three (3) business customer references. Provide information for business customers for whom you have performed work of this nature which you list as references, excluding the City of Pompano Beach. (Use an attachment if necessary.)

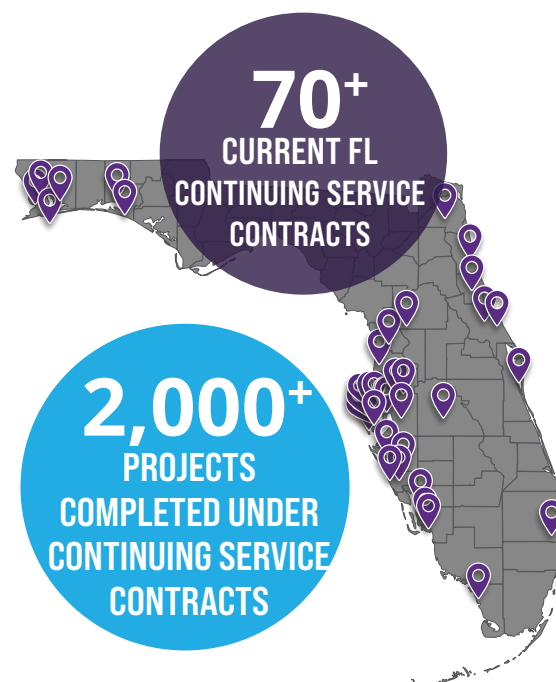
1. Name and address of customer: City of Miramar
2300 Civic Center Place Miramar, FL 33025
 Contact person name, telephone number and email address: Denis Marcelin
mpdenis@miramarfl.gov | 954.883.5022
 Description of services provided and date(s) of service: 2022-2022
DMA Pilot and Leak Detection Survey. 289 distribution leaks and 30 customer leaks were identified. Nearly all of the leaks had no significant visible water at the surface. During the repair efforts, our team was able to pinpoint the exact location of 90% of the leaks for the City.

2. Name and address of customer: City of Deerfield Beach
290 Goolsby Blvd. Deerfield Beach, FL 33442
 Contact person name, telephone number and email address: Larry Koontz
lkoontz@deerfield-beach.com | 954.931.2818
 Description of services provided and date(s) of service: 2021-Ongoing
Professional engineering services including; water treatment and distribution, wastewater collection and treatment, stormwater infrastructure, system maintenance, capital improvements, billing, customer service, and environmental compliance.

3. Name and address of customer: City of North Lauderdale
701 SW 71st Avenue North Lauderdale, FL 33068
 Contact person name, telephone number and email address: Sam May
smay@northlauderdale.org | 954.597.4756
 Description of services provided and date(s) of service: 2023-2023
McKim & Creed provided a water masterplan and grant applications for the City of North Lauderdale. The plan included water treatment, alternative treatment options and a cost benefit analysis of all options. The City used this information to obtain \$7 Million in grant funds.

4 REFERENCES

McKim & Creed's extensive experience in delivering projects similar to those outlined in Part A of the City's RLI is demonstrated by the following pages of relevant assignments, along with appropriate reference contacts, successfully completed by our team and responsible offices within the past five years.



CONTINUING SERVICES CONTRACT EXPERIENCE

McKim & Creed holds more than 70 continuing services contracts throughout Florida and understands how to provide quality, cost effective, and responsive services for a broad range of project types.

Table 4.1 highlights our longevity with some of our Florida clients with whom we have had the pleasure of providing similar services with continuing services contracts over the years.

Table 4.1 | Select Continuing Services Experience

Client	Number of Projects	Number of Years
City of Ormond Beach	140 Projects	62
City of Clearwater	250 Projects	38
City of Daytona Beach	160 Projects	29
City of St. Petersburg	111 Projects	17
Pinellas County	125 projects	27
City of Palm Coast	90 Projects	21



► City of Palm Coast - Pump Header Replacement

REFERENCE PROJECTS

We have included ten reference projects in the which involved key members of our team, were selected to highlight the breadth and diversity of our capabilities. Each is comparable in size and scope to the City's anticipated needs and demonstrates our ability to deliver similar outcomes.

Table 4.2 | Expected Scope of Services Showcased within McKim & Creed Projects

PROJECTS

	Under GEC	On Time & Within Budget	Water	Wastewater	Reclaimed Water	Utilities	Civil / General Engineering	Electrical / Instrumentation	Stormwater / Drainage	Structural	Mechanical / Electrical / Plumbing	Streets / Roads	Traffic / Transportation Engineering & Studies	Landscape Architecture / Planning Svcs.	Environmental / Geotechnical	Process Evaluation	Resident Inspection / CEI	Cost Benefit Analysis / Estimates	Construction Admin	Permitting
City of Miramar, DMA Pilot and Leak Detection Survey <i>City of Miramar, FL</i>		•	•			•	•				•	•	•				•	•	•	•
City of Deerfield Beach, GEC <i>City of Deerfield Beach, FL</i>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
North Lauderdale Master Plan <i>City of North Lauderdale, FL</i>	•	•	•			•	•	•		•	•		•	•	•	•		•		•
Pompano Beach Lime Softening Pilot Study <i>City of Pompano Beach, FL</i>		•	•			•		•		•	•				•	•		•		•
Backup Power to 30 Pump Stations <i>City of Palm Coast, FL</i>	•	•		•		•	•	•		•	•	•	•				•	•	•	•
City of Ormond Beach GEC <i>City of Ormond Beach, FL</i>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lift Station No. 8 Improvements <i>City of Daytona Beach, FL</i>		•		•		•	•	•		•	•	•	•				•	•	•	•
North 3 Utilities Expansion Project (UEP) <i>City of Cape Coral, FL</i>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Fairpoint to Shoreline Multi-use Pathway <i>City of Gulf Breeze, FL</i>	•	•				•	•		•			•	•	•	•			•	•	•
City of Palm Coast, GEC <i>City of Palm Coast, FL</i>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



1 CITY OF MIRAMAR, DMA PILOT AND LEAK DETECTION SURVEY

CITY OF MIRAMAR, FL



The City of Miramar was rapidly approaching its permitted source water limits, and eliminating water loss became a primary objective. City staff had noticed a trend of increasing water production that was not consistent with the rate of population growth or new service connections. After performing flow and pressure analysis of the system, our team conducted a leak detection survey on approximately 80 miles of pipelines and associated service connections to determine the exact location of the water loss.



At the completion of the survey, 289 distribution leaks and 30 customer leaks were identified. Nearly all of the leaks had no significant visible water at the surface. During the repair efforts, our team was able to pinpoint the exact location of 90% of the leaks for the City. With such a high success rate, the City's crews were able to save time, money, and minimize disruptions to service. Ultimately, at similar distribution pressures, the City's water demands were reduced by approximately 1 million gallons per day (mgd). **Savings were estimated at 1,304,352 gallons per day (or 476,088,480 gallons per year) which returned \$2 million a year in revenue to the City.**

Based on the success of this assignment, McKim & Creed was subsequently selected by the City for a multi-year "find it and fix it" program to identify, repair, and/or replace the entire water distribution system. The program includes field surveys, monitoring, design, and construction services and allows the City to prioritize repair/replacement work to optimize their return on investment.

PROJECT DETAILS

OWNER

City of Miramar

PROJECT DATES

2022-2022

Initial Calendar Days: 240

Final Calendar Days: 240

CONSTRUCTION COSTS

Engineer Estimate: N/A

Final Construction Cost: N/A

Service Fee: \$68,000.00

KEY RESPONSIBILITIES

- ✓ Flow & pressure analysis
- ✓ Leak survey (~80 miles)
- ✓ Marked leak locations
- ✓ Assisted repair crews
- ✓ Recommended system improvements

REFERENCE CONTACT

City of Miramar
2300 Civic Center Place
Miramar, FL 33025
Denis Marcelin
Field Operations Manager
P: 954.883.5022
E: mpdenis@miramarfl.gov



Exhibit "B"

2 CITY OF DEERFIELD BEACH, GENERAL ENGINEERING CONTRACT

CITY OF DEERFIELD BEACH, FL



In 2021, The City of Deerfield Beach selected McKim & Creed under a General Engineering Contract to provide professional engineering services that support the City's essential public utilities. Deerfield Beach's Utility Department oversees a comprehensive range of responsibilities, including water treatment and distribution, wastewater collection and treatment, stormwater infrastructure, system maintenance, capital improvements, billing, customer service, and environmental compliance. This integrated approach ensures residents receive safe drinking water, reliable sewage and drainage systems, and infrastructure that meets regulatory standards.



Since the start of the contract, McKim & Creed has partnered closely with the city to deliver critical improvements and technical support. Services have included SCADA and instrumentation support to enhance system monitoring and control, architectural and engineering design for lift station upgrades, and programming and on-call assistance to maintain operational continuity. **The team has executed a radio replacement project to improve communication reliability, completed major improvements at Lift Stations 25 and 75, and advanced SCADA standards with a strong focus on cybersecurity. Additional efforts have included generator and mechanical upgrades at Wells 17 and 18, communications and telemetry enhancements at the West Water Plant, and a comprehensive process and control audit to optimize system performance.**

These initiatives reflect McKim & Creed's commitment to modernizing infrastructure, improving operational efficiency, and ensuring the city's utility systems remain resilient and secure.

PROJECT DETAILS

OWNER

City of Deerfield Beach

PROJECT DATES

2021-Current

Depending On Scope And Complexity. Project Durations Typically Range From 90 To 180 Days,

CONSTRUCTION COSTS

Depending on Task Orders Fees Ranged from \$50K to \$150K +

KEY RESPONSIBILITIES

- ✓ Provided SCADA and instrumentation support to enhance system monitoring and control
- ✓ Delivered architectural and engineering design for lift station upgrades
- ✓ Executed radio replacement project to improve communication reliability
- ✓ Completed major improvements at Lift Stations 25 and 75
- ✓ Advanced SCADA standards with emphasis on cybersecurity
- ✓ Performed generator and mechanical upgrades at Wells 17 and 18

REFERENCE CONTACT

City of Deerfield Beach
290 Goolsby Blvd.
Deerfield Beach, FL 33442
Larry Koontz
Water Plant Maintenance
Superintendent
E: lkoontz@deerfield-beach.com
P: 954.931.2818



3 NORTH LAUDERDALE MASTER PLAN CITY OF NORTH LAUDERDALE, FL



Recently, the City of North Lauderdale identified the need to develop a Water Treatment Master Plan to plot the course of the City's water treatment plant for the next 10 years. The City selected McKim & Creed to provide professional engineering consulting services to develop the Master Plan.

McKim & Creed coordinated with the City to evaluate and develop recommendations for capital projects to include raw water quality, pending and potential future drinking water regulations, development of water treatment plant condition assessments, the effectiveness of existing processes, requirements to meet pending and future regulations, and evaluations of up to three (3) treatment process alternatives. The alternative evaluations included capital and operational costs, effectiveness, ease of operations and maintenance, implementation schedules, and training requirements.

Three (3) alternative water treatment processes were evaluated to address future demand and emerging contaminants. These alternative technologies included 1) ion exchange, 2) granular activated carbon, and 3) nanofiltration. A decision matrix was developed that included weighted criteria to assess which technology would best meet the City's needs.

In addition, McKim & Creed created a five-year plan for the existing WTP which includes recommended projects to be addressed in the coming years prior to the major technological treatment improvements.

McKim & Creed applied for SRF program funding under the Emerging Contaminants appropriation on behalf of the City. FDEP approved the amount of \$7.74 million with 100% Principal Forgiveness for planning and design of a facility that can remove PFAS from the water supply.



PROJECT DETAILS

OWNER

City of North Lauderdale

PROJECT DATES

2023-2023

Initial Calendar Days: 120

Final Calendar Days: 120

CONSTRUCTION COSTS

Engineer Estimate: N/A

Final Construction Cost: N/A

Design Fee: \$149,942

KEY RESPONSIBILITIES

- ✓ Evaluated raw water quality and pending drinking water regulations
- ✓ Performed condition assessments of existing water treatment plant processes
- ✓ Developed and compared three treatment alternatives: ion exchange, GAC, and nanofiltration
- ✓ Created decision matrix with weighted criteria for technology selection
- ✓ Prepared five-year improvement plan for existing water treatment plant
- ✓ Applied for SRF funding and secured \$7.74M with 100% principal forgiveness

REFERENCE CONTACT

City of North Lauderdale
Sam May
Public Works Utilities Director
701 SW 71st Avenue
North Lauderdale, FL 33068
P: 954.597.4756
E: smay@northlauderdale.org



4 POMPANO BEACH LIME SOFTENING PILOT STUDY

CITY OF POMPANO BEACH, FL



During the dry season when the eastern wellfield water is limited under the City's SFWMD Consumptive Use Permit, the City has experienced high organics and color in the lime softening treatment train and this condition has resulted in increased levels of disinfection byproducts (DBPs), which are regulated by the EPA under the National Primary Drinking Water Regulations. Pilot testing was required to demonstrate that the existing lime softening treatment train can be slightly modified by adding a coagulant, such as aluminum chlorohydrate (ACH), to reduce color and organics. It was anticipated that the reduced levels will allow the City to utilize a low dose of sodium hypochlorite for algae control in the filters, while continuing the facility's compliance with disinfection byproduct (DBP) regulations. Upon successful pilot testing, the City plans on modifying the existing permit to add the chemical storage and feed system needed for the coagulant.

McKim & Creed provided engineering services to perform full-scale pilot test for the City's co-located nanofiltration/lime softening water treatment plant that is permitted to treat 50 million gallons per day (mgd) to reduce DBP formation through the treatment process. The treatment process included 40 mgd from lime softening and 10 mgd from the RO treatment train. The City contracted McKim & Creed to perform this testing to acquire permit modifications to address high levels of organics/color on the lime softening train that was causing periodic exceedances of disinfection byproduct (DBP) levels as regulated by the EPA under the National Primary Drinking Water Regulations.

Pilot testing was successful and demonstrated that an enhanced coagulation process reduces DBP formation and improved the overall water quality. Project success included close coordination with the City and with the FDEP before, during, and following the full-scale pilot test.

PROJECT DETAILS

OWNER

City of Pompano Beach

PROJECT DATES

2021

Initial Calendar Days: 90

Final Calendar Days: 90

CONSTRUCTION COSTS

Engineer Estimate: N/A

Final Construction Cost: N/A

Design Fee: \$34,290

KEY RESPONSIBILITIES

- ✓ Performed full-scale pilot testing on lime softening treatment train
- ✓ Added coagulant (ACH) to reduce organics and color in water
- ✓ Coordinated with City and FDEP before, during, and after testing
- ✓ Prepared documentation for permit modification to add chemical feed system

REFERENCE CONTACT

City of Pompano Beach
1205 NE 5th Avenue
Pompano Beach, FL 33060
Phil Hyer
*Utilities Treatment Plants
Superintendent*
P: 954.545.7030
E: phil.hyer@copbfl.com



5 BACKUP POWER TO 30 PUMP STATIONS CITY OF PALM COAST, FL



McKim & Creed provided design, permitting, and construction services to the City of Palm Coast to install 30 new standby generators to provide essential backup power for pump stations throughout the City. Funding for additional generators was acquired through FEMA Hazard Mitigation Grants following power outage challenges in 2017 caused by Hurricane Irma, which resulted in some of the City's pump stations exceeding their capacity and overflowing.



McKim & Creed provided the following services:

- » Condition Assessments
- » Flood Zone Evaluations
- » Basis of Design Memorandum
- » Preliminary and Final Design
- » Construction Administration
- » FEMA Grant Assistance Improvements included:
 - » Back-Up Generators with Automatic Transfer Switches
 - » SCADA/I&C/Electrical Upgrades
- » Site Work

In addition to providing engineering and construction administration services, our team oversees the funding compliance services necessary to ensure compliance with the Hazard Mitigation Grant Program (HMGP). The 30 generators were funded and implemented through 6 construction contracts, with five generator sites on each contract.

PROJECT DETAILS

OWNER

City of Palm Coast

PROJECT DATES

2021-2022

Initial Calendar Days: 120

Final Calendar Days: 109

CONSTRUCTION COSTS

Engineer Estimate: \$1,200,000

Final Construction Cost: \$ 1,056,000

Design Fee: \$289,950

KEY RESPONSIBILITIES

- ✓ Condition assessments of pump stations
- ✓ Flood zone evaluations for generator placement
- ✓ Basis of design for backup power systems
- ✓ Preliminary and final generator design
- ✓ Construction administration for six contracts
- ✓ FEMA grant compliance and funding support
- ✓ SCADA, instrumentation, and electrical upgrades
- ✓ Managed site work and grant requirements

REFERENCE CONTACT

City of Palm Coast
2 Utility Drive
Palm Coast, FL 32137
Mary Kronenberg, MPA, PMP
Project Manager I
P: 386.986.2306
E: mkronenberg@palmcoastgov.com



6 CITY OF ORMOND BEACH GEC CITY OF ORMOND BEACH, FL

McKim & Creed has provided general engineering services to the City of Ormond Beach for more than 70 years, successfully executing over 160 projects. The firm's experience encompasses a wide range of municipal engineering assignments, including water and wastewater system improvements, stormwater management, roadway and utility design, SCADA system upgrades, and facility renovations.

McKim & Creed as a subconsultant to Jacobs is providing services under this project covering:



- » Wilmette Avenue Stormwater Pump Station: Design and permitting of a new stormwater pump station, including data collection, permitting, bidding administration, and construction phase services.
- » Lift Station 10M & 12M Rehabilitation: Condition assessment, design, permitting, and construction administration for the rehabilitation of aging lift stations, including mechanical, electrical, and SCADA/I&C upgrades.
- » John Anderson Drive Roadway Utility & Stormwater Improvements: Surveying and engineering for storm sewer collection, water, reclaimed water, and sewer infrastructure improvements, as well as stormwater management system design.
- » North Peninsula Water Main Improvements: Replacement of old galvanized water mains with new, larger lines to improve water quality, pressure, and fire protection.
- » SCADA System Upgrades: Consolidation and modernization of SCADA systems across water, wastewater, and collection facilities to improve operational efficiency and reduce maintenance costs.

McKim & Creed's long-standing partnership with the City of Ormond Beach demonstrates a deep understanding of municipal needs and a proven ability to deliver comprehensive engineering solutions for public infrastructure.



PROJECT DETAILS

OWNER

City of Ormond Beach

PROJECT DATES

1999-Ongoing

Depending On Scope And Complexity. Project Durations Typically Range From 90 To 240 Days.

CONSTRUCTION COSTS

Depending on Task Orders Fees Ranged from \$70K to \$225K +

KEY RESPONSIBILITIES

- ✓ Designed and permitted Wilmette Avenue stormwater pump station
- ✓ Assessed and rehabilitated Lift Stations 10M and 12M with SCADA upgrades
- ✓ Surveyed and engineered roadway and stormwater improvements on John Anderson Drive
- ✓ Replaced galvanized water mains on North Peninsula
- ✓ Modernized and consolidated SCADA systems across facilities

REFERENCE CONTACT

City of Ormond Beach
22 South Beach Street
Ormond Beach, FL 32174
Shawn Finley, PE
Assistant City Manager
P: 386.676.3292
E: shawn.finley@ormondbeach.org



7 LIFT STATION NO. 8 IMPROVEMENTS CITY OF DAYTONA BEACH, FL

The City of Daytona Beach operates a collection system with close proximity to the Atlantic coast and waterbodies susceptible to high tides and storm surges, as recent tropical storm systems have exposed. The site of the lift station now sits below the FEMA 100-year flood elevation, which flooded during Hurricane Ian. The lift station was constructed in 1966 as a dry pit / wet pit configuration.

This configuration presented maintenance problems associated with reliability, resilience, and access. In addition, the site was located just off Nova Road and the Nova Canal, which during flooding events, influences the drainage to adjacent properties, including the project site.

The City tasked McKim & Creed with the design, permitting, and bid services for replacing Lift Station 8. Since the station is located on a parcel with sufficient space, the City elected to replace the station in its entirety rather than rehabilitating the existing station in place.

McKim & Creed's approach was to bring the station design standards up to a more modern level. This included elevating the top of the station, controls, and other components susceptible to flooding. The station design improved configuration, emergency pumping capabilities, and site security.

The configuration was changed to a submersible pump type, with all operable valves and controls completely accessible from the surface and out of structures.

Project challenges included the very narrow site (40' x 100'), tight access, and directly adjacent business and residential structures. McKim and Creed worked closely with the City's engineering and operational staff to develop creative solutions. One example, with the elevated top of the wet well, concerns include accessibility and exposure to strikes from maintenance vehicles.

Collaboration resulted in a design that addressed operational staff concerns while still achieving the goal of mitigating the impact of flooding events.

The project was advertised for bid in December 2024 and approved by the City Commission in March 2025. McKim & Creed continues to provide post-design services to the City through the construction of this project.



PROJECT DETAILS

OWNER

City of Daytona Beach

PROJECT DATES

2023-Ongoing

Initial Calendar Days: 180

Final Calendar Days: Ongoing

CONSTRUCTION COSTS

Engineer Estimate: \$2,204,000

Final Construction Cost: Ongoing

Design Fee: \$176,300

KEY RESPONSIBILITIES

- ✓ Designed and permitted replacement of Lift Station 8
- ✓ Elevated station components to mitigate flooding risks
- ✓ Converted configuration to submersible pump type for improved reliability
- ✓ Ensured surface accessibility for valves and controls
- ✓ Provided bid services and ongoing post-design support through construction

REFERENCE CONTACT

City of Daytona Beach
125 Basin Street, Ste. 131
Daytona Beach, FL 32114
Frank O'Keefe, PE
Senior Project Engineer
P: 386.671.8886
E: OKeefeFrank@Daytonabeach.gov



8 NORTH 3 UTILITIES EXPANSION PROJECT (UEP) CITY OF CAPE CORAL, FL

McKim & Creed, Inc. is leading the engineering and design services for the North 3 Utilities Extension Project (UEP) for the City of Cape Coral. The project spans approximately 3.0 square miles and includes 5,150 parcels located in the northwest quadrant of the city, bounded by significant geographical features such as the North Spreader Waterway, Bonefish Canal, and Kismet Parkway.



The North 3 UEP involves extensive civil infrastructure improvements, including the reconstruction of approximately 53 miles of both divided and undivided roads, the installation of nearly 186 miles of potable water, wastewater, and irrigation piping infrastructure, and the construction of up to eight duplex lift stations and two wastewater master pump stations. Additionally, the project includes upgrading existing storm drainage systems, widening lanes, and implementing safety improvements at key roadways and intersections. The project also incorporates future-proofing measures such as the installation of fiber optic conduits to enhance communication capabilities for lift stations.

The role of McKim & Creed includes extensive coordination with various stakeholders, including the city's master plan consultant, planners for the Southwest Water Reclamation Facility (SWWRF) expansion, and other key development projects. A critical aspect of the project includes preparing and managing several contract packages to facilitate the construction of the numerous components of the infrastructure, ensuring competitive bidding and efficient execution. McKim & Creed's approach involves robust project management, setting up a detailed Project Management Plan (PMP), conducting regular progress meetings, maintaining detailed status reports, and coordinating extensively with subconsultants, local utilities, and government agencies.

Beyond the design phase, McKim & Creed is overseeing public engagement efforts to keep the community informed and engaged, assisting in securing funding through various grants and loans, and ensuring regulatory compliance through comprehensive permitting and hydraulic modeling. These efforts will deliver an efficient and modern utilities infrastructure, ensuring minimal public inconvenience throughout the project lifecycle and providing a resilient solution for the City of Cape Coral.



PROJECT DETAILS

OWNER

City of Cape Coral, FL

PROJECT DATES

2024-Ongoing

Initial Calendar Days: 1080

Final Calendar Days: Ongoing

CONSTRUCTION COSTS

Engineer Estimate: TBD

Final Construction Cost: Ongoing

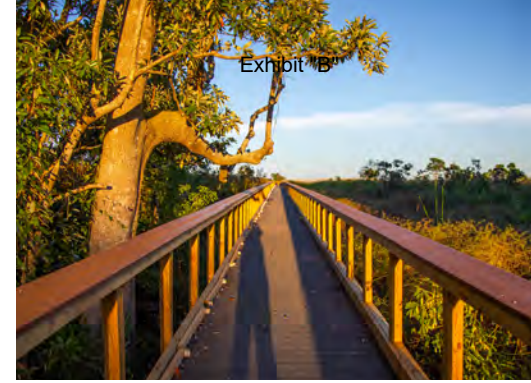
Design Fee: \$14,115,000

KEY RESPONSIBILITIES

- ✓ Prepared design and permitting for North 3 Utilities Extension Project
- ✓ Managed contract packages for construction and competitive bidding
- ✓ Coordinated with city planners, subconsultants, and government agencies
- ✓ Developed Project Management Plan and maintained progress reporting
- ✓ Oversaw public engagement and funding assistance through grants and loans
- ✓ Ensured regulatory compliance with permitting and hydraulic modeling

REFERENCE CONTACT

City of Cape Coral
1015 Cultural Park Boulevard
Cape Coral FL, 33990
Audrie Goodwin, PE
Principal Engineer
P: 239.252.5379
E: agoodwin@capecoral.net



9 FAIRPOINT TO SHORELINE MULTI-USE PATHWAY CITY OF GULF BREEZE, FL



The City of Gulf Breeze's Wetland Trail Boardwalk was a key component of the City's overall mission of promoting interconnectivity across the City. For this project, the McKim & Creed team provided comprehensive surveying, engineering, and environmental services, from project initiation through design, permitting, construction, and close-out/certification.



The Wetlands Trail Boardwalk was designed as a wood pile-supported boardwalk with composite decking and rails, extending approximately 1,600 linear feet through the low-lying wetlands in Shoreline Park west of the park's entrance road. This environmentally sensitive structure was created to provide an ADA-compliant connection between residential neighborhoods to the west of the park and the park itself, as well as to offer new public access to the beachfront along Santa Rosa Sound. The boardwalk was designed to support various user groups including pedestrians, cyclists, and other non-motorized modes of transport. Its construction involved careful planning to minimize environmental impact and ensure long-term durability and stability in a wetland environment.

McKim & Creed's team was responsible for surveying the difficult wetland terrain through which the boardwalk was constructed. This included mapping of rights-of-way and the City's large Shoreline Park parcel, and topographic surveying through the wetlands. Our specialty environmental consultant identified not only wetlands but also other sensitive or noteworthy environmental features—flora and fauna—allowing the design of the boardwalk to incorporate these features and create a learning opportunity for users.

Our team successfully secured the necessary permit authorization from both the Northwest Florida Water Management District and the Army Corps of Engineers in a timely manner, ensuring the project remained on schedule. Due to market conditions at the time, this project went through two separate bid phases before being awarded for construction. During construction, market conditions similarly caused challenges with timely procurement of material and labor, requiring our engagement with the contractor to consider alternative materials and construction methods. Ultimately, the project was completed on time and on budget, protecting the City's receipt of state grant funding for 50% of the construction.

PROJECT DETAILS

OWNER

City of Gulf Breeze

PROJECT DATES

2019-2023

Initial Calendar Days: 240

Final Calendar Days: 237

CONSTRUCTION COSTS

Engineer Estimate: \$8,000,000

Final Construction Cost: \$8,162,700

Design Fee \$637,346

KEY RESPONSIBILITIES

- ✓ Performed comprehensive surveying of wetland terrain and Shoreline Park parcel
- ✓ Mapped rights-of-way and completed topographic surveys through wetlands
Provided engineering design for ADA-compliant boardwalk structure
- ✓ Coordinated environmental assessments and incorporated sensitive features into design
- ✓ Secured permits from Northwest Florida Water Management District and Army Corps of Engineers
- ✓ Managed bid phases and addressed procurement challenges during construction

REFERENCE CONTACT

City of Gulf Breeze, FL

1070 Shoreline Dr

Gulf Breeze, FL 32561

Craig Chamberlin

Neighborhood Services Coordination

P: 850.934.5109

E: cchamberlin@gulfbreezefl.gov



10 CITY OF PALM COAST GEC

CITY OF PALM COAST, FL



The City of Palm Coast has been served by McKim & Creed since 2004. Services include water treatment, water distribution, wastewater collection/treatment, reclaimed water distribution, site/civil, stormwater, electrical, I&C, condition assessment, survey, SUE, architecture, and hydrogeological

McKim & Creed is providing services under this contract including:



- » **Old Kings Road Force Main:** Under a continuing services contract, McKim & Creed provided environmental, survey, geotechnical and engineering design/construction services for the installation of 13,000 feet of 16- and 18-inch force main. A hydraulic analysis was conducted on the manifold force main system that transmitted flow from approximately 33 lift stations. Based upon the results of the analysis, a new 16-inch force main was designed to work in concert with the existing 8-inch force main in service. The project involved seven directional drills, one jack-and-bore crossing and seven connections to existing force mains. To benefit the City, two consultants worked mutually to combine the force main work with a project to design and construct a new master pump station. The pump station project and force main project were combined into one Project Manual, while the technical specifications and drawings were issued separately by each consultant to complement the entire bid package. By combining projects, the City was able to realize a significant cost savings
- » **Belle Terre Forcemain Tie-In at Town Center:** McKim & Creed provided design services including permitting, bidding and construction services to design the Belle Terre Force Main Tie in at the Town Center. The project gave the City of Palm Coast the flexibility to divert the flow from the Belle Terre system to another collection system which flowed east rather than north.
- » **Emergency Potable Water Main Interconnect:** McKim & Creed provided design services for a potable water main interconnect between the City of Palm Coast and the City of Flagler Beach. Services for this project included the design, permitting, construction observation and surveying phase services for an emergency potable water main interconnect that provides potable water to either City during emergency situations. An emergency would be considered a major line break or the ability to increase pressure in the distribution system for fire-fighting purposes.

PROJECT DETAILS

OWNER

City of Palm Coast

PROJECT DATES

2004 - Ongoing

Depending On Scope And Complexity. Project Durations Typically Range From 90 to 270 Days.

CONSTRUCTION COSTS

Design Fee: Depending on Task Orders Fees Ranged from \$50K to \$375K +

KEY RESPONSIBILITIES

- ✓ Water & Wastewater Engineering
- ✓ Stormwater Modeling
- ✓ Electrical & Structural Design
- ✓ SCADA & Controls Integration
- ✓ Surveying & SUE
- ✓ Condition Assessment
- ✓ Geotechnical & Hydrogeological Analysis

REFERENCE CONTACT

City of Palm Coast
2 Utility Drive
Palm Coast, FL 32137
Mary Kronenberg, MPA, PMP
Project Manager I
P: 386.986.2306
E: mkronenberg@palmcoastgov.com



5 PROJECT TEAM FORM

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RLI IN THE EBID SYSTEM.

PROJECT TEAM

RLI NUMBER 26-003

Federal I.D.# 56-2136769

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	Mario Loaiza, PE	29	B.S.
Project Manager	Omar Khan, PE	18	B.S.
Asst. Project Manager	Chase Dickinson, PE	13	B.S.
Other Key Member	Dave Ubert, PE	33	B.S.
Other Key Member	Ryan Robinson, CCST II	19	B.S.

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	McKim & Creed, Inc. 6501 Congress Ave. #160 Boca Raton, FL 33487	Sam Hall, PSM
Landscaping	Cotleur & Hearing 1934 Commerce Lane, Suite 1 Jupiter, FL 33458	Don Hearing, PLA, ASLA, LEED AP
Engineering	Nutting Engineers 111 SW 1st St, Dania Beach, FL 33004	Richard C. Wohlfarth, PE
Other Key Member	The Merchant Strategy 5255 NW 33rd Avenue Ft. Lauderdale, FL 33309	Sharon Merchant
Other Key Member	Cummins Cederberg 888 S. Andrews Ave., Ste. 206 Ft. Lauderdale, Florida 33316	Jordon Cheifit, PE, CFM
Other Key Member		
Other Key Member		

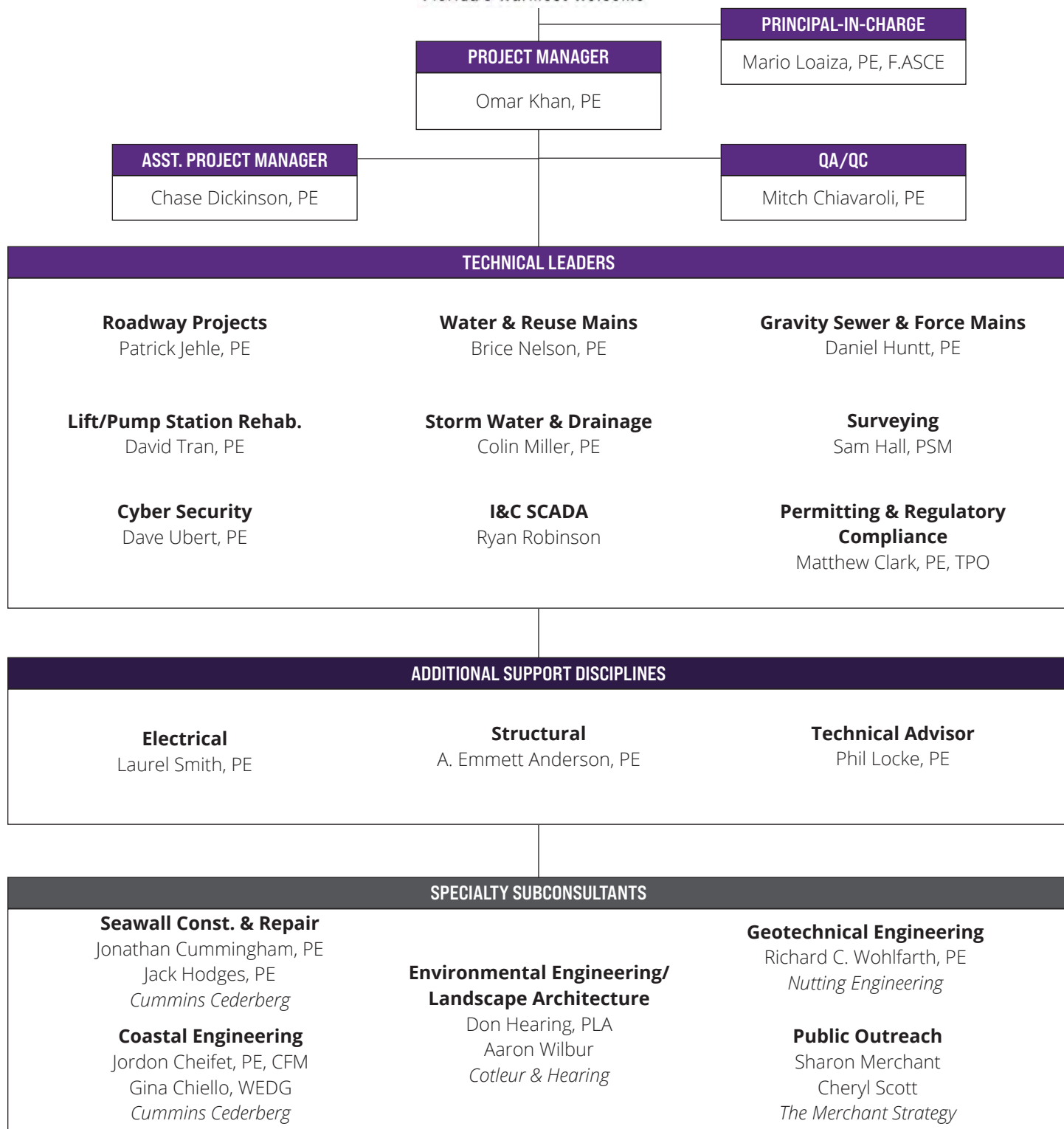
(use attachments if necessary)



6 ORGANIZATIONAL CHART

Organizational Chart

CITY OF POMPANO BEACH, FL
Continuing Contract For Civil
Engineering Services (CCNA)
 RLI 26-003





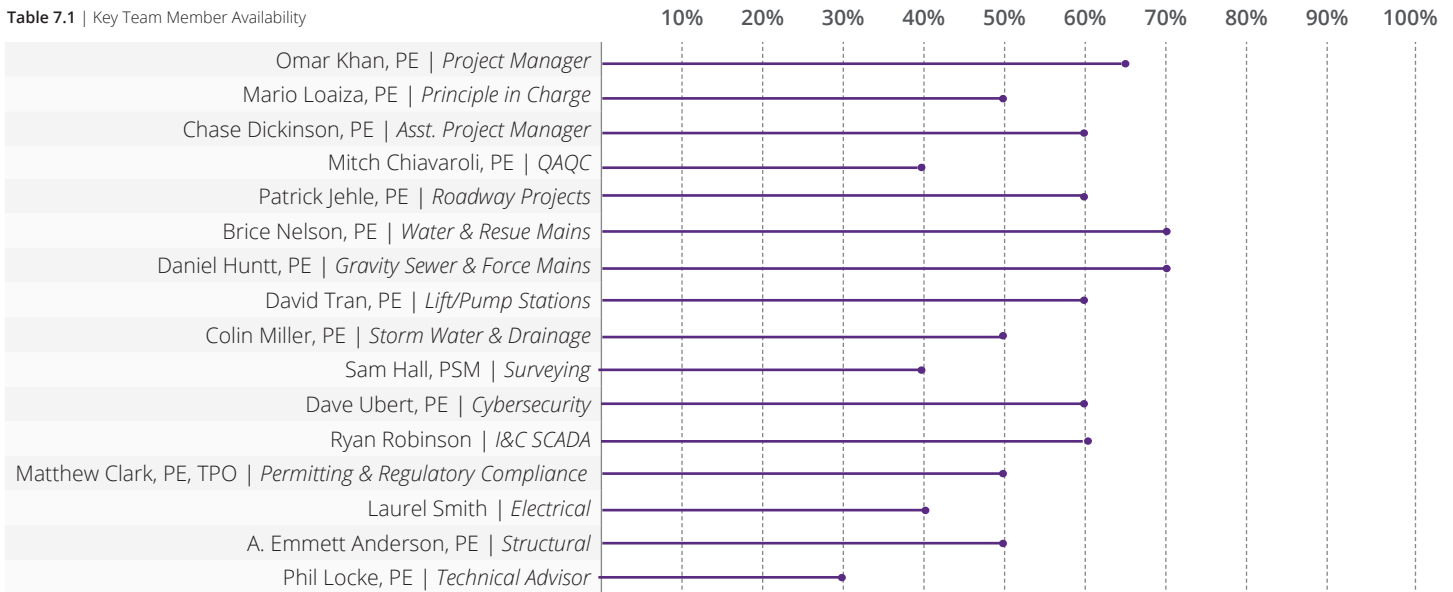
7 Statement of Skills & Resumes

McKim & Creed's extensive experience in delivering projects similar to those outlined in Part A of the City's RLI is demonstrated by the following list of relevant assignments, along with appropriate reference contacts, successfully completed by our team and responsible offices within the past five years.

AVAILABILITY & WORKLOAD

Our team has the availability to complete projects assigned under this contract. Because of our diverse and skilled workforce, staff capacity can be readily managed to meet the project requirements. In the event of a need to increase productivity, we have an exceptional work-share program that will allow us to surge staff assignments to meet the City's needs. The current and projected workloads of our key personnel were carefully considered when assembling the team. The key personnel proposed are all available to perform on this contract, as demonstrated by **Table 7.1** below.

Table 7.1 | Key Team Member Availability



Once selected, Mr. Khan will be dedicated to the City, as needed, to partner with your staff.

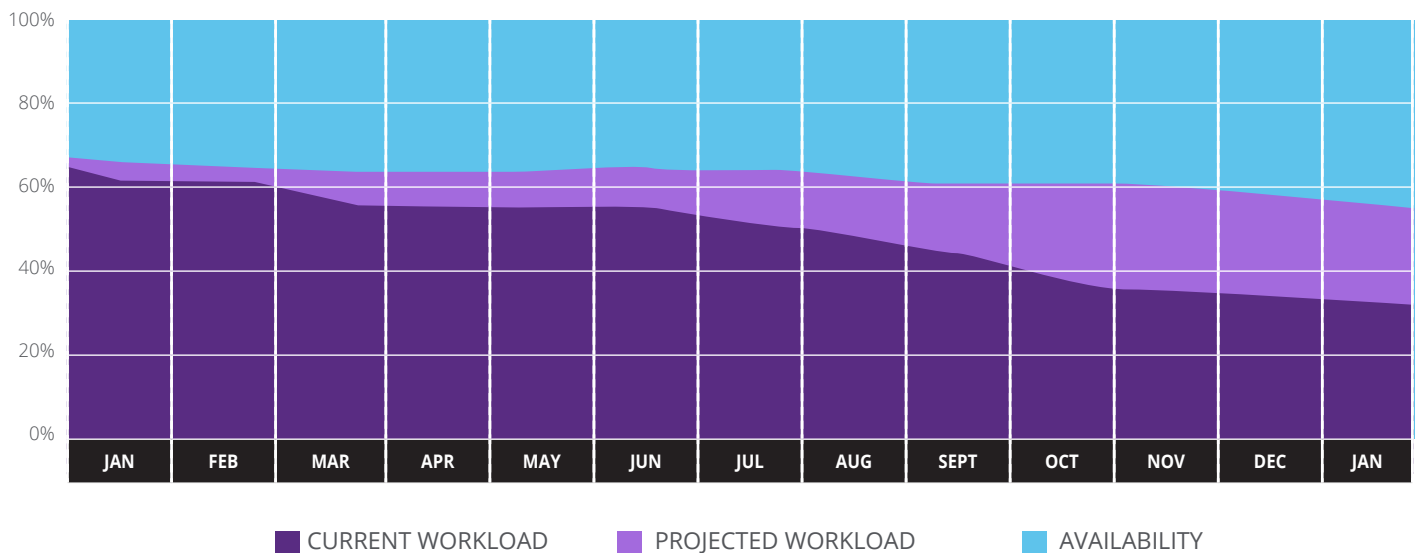


PROJECT MANAGER

Omar Khan, PE

Currently 65% Available

Table 7.2 | McKim & Creed's Florida Offices Availability for the next 12 months





Omar Khan, PE

PROJECT MANAGER

QUALIFICATIONS

- ✓ Diverse experience in wastewater collection and water conveyance
- ✓ Management and design lead for lift stations and civil engineering infrastructure projects
- ✓ Master Planning and Feasibility Study Expert

EDUCATION

B.S., Environmental Engineering, Florida Atlantic University

LICENSURE

Professional Engineer: FL #75524

YEARS OF EXPERIENCE

18



Omar Khan has 18 years of experience working as an engineer in the water/wastewater industry. Omar has managed, designed, and supported infrastructure-related projects. Specific experience includes utility coordination; water and sewer replacements; water and sewer relocations; water and sewer system modeling; sanitary sewer evaluation services (SSES) and pipeline and force main condition assessments; inflow and infiltration studies; sanitary sewer lift station and force main design; and trenchless and rehabilitation technologies. His attention to project scoping, planning, challenges, quality control, and understanding the project is evident.

► Project Experience

Potable Water Distribution Master Plan Update, Manatee County: Served as Project Manager for the comprehensive update of Manatee County's Potable Water Distribution System Master Plan, leading a multidisciplinary team of engineers through data collection, hydraulic modeling, system evaluation, and technical documentation. Directed development and calibration of the hydraulic model to assess existing system performance, identify deficiencies, and evaluate current and future capacity under projected growth conditions. Coordinated internal technical reviews, managed schedules and deliverables, and oversaw preparation of the master plan report and Capital Improvement Plan (CIP) to guide phased infrastructure investments over a 20-year planning horizon. Provided strategic oversight to ensure the study met County objectives, regulatory requirements, and long-term sustainability goals

Emergency Water Services Interconnect, City of Coral Springs & City of Coconut Creek, FL: Project Manager responsible for full design services, permitting, bidding assistance, and engineering services during construction for a critical potable water interconnect between two municipal systems. The project included installation of 850 LF of potable water transmission main and a valve/flow meter vault to support emergency operations. Trenchless construction was successfully implemented, with 220 LF of 12-inch DIP installed via directional drill. Responsibilities also included coordinating with County and State agencies, verifying existing utilities, and ensuring compliance with all regulatory and roadway requirements during construction beneath an active corridor.

Professional Engineering & Design Services for North 3 UEP, City of Cape Coral, FL: Project Engineer for the North 3 Utilities Extension Project. Covering approximately 3.0 square miles and 5,150 parcels, the project aims to reconstruct 53 miles of roads, install 186 miles of potable water, wastewater, and irrigation piping infrastructure, and construct eight duplex lift stations and two wastewater master pump stations. Additionally, the project involves upgrading storm drainage systems, widening lanes, and implementing intersection safety improvements, while also incorporating fiber optic conduits for future communication needs. The role includes extensive coordination with various stakeholders, robust project management practices, and detailed topographic and subsurface utility surveys to ensure seamless execution. Beyond the design phase, the firm is overseeing public engagement efforts, assisting in securing funding, and ensuring regulatory compliance.

Rehabilitation of Lift Stations 22A and 21D and New Force Main, City of Coral Springs, FL: Project Manager for the planning, design, permitting and construction engineering to rehabilitate two sanitary lift stations which included new pump(s), riser piping, railing systems, fittings, valves, mechanical equipment, protective coatings, concrete slab, fence, gates, control panels and diesel generator. In addition, a new force main connecting two of the lift stations was constructed.



Chase Dickinson, PE

ASST. PROJECT MANAGER

QUALIFICATIONS

- ✓ Expert in gravity, vacuum and low pressure design
- ✓ Leader in water transmission and distribution modeling
- ✓ Recognized for water and wastewater treatment facility evaluations

EDUCATION

M.S., Civil Engineering,
Florida Atlantic University

B.S., Civil Engineering, Florida
Atlantic University

LICENSURE

Professional Engineer, FL
#83325

YEARS OF EXPERIENCE

13



Chase Dickinson has 13 years of experience as an engineer in the water/wastewater industry. Chase has designed and managed infrastructure projects including raw water supply, water treatment, water transmission and distribution systems, water and force main replacement, gravity sewer, vacuum, low pressure, pump stations and booster stations. While working on these projects he provided design reports/plans, specifications, cost estimates, permitting, bidding assistance and engineering services during construction. He also has experience developing hydraulic models, master plans and feasibility studies.

► Project Experience

Potable Water Distribution System Expansion Evaluation, Manatee County, FL:

Project Manager. The Manatee County Utilities Department provides potable water service to the residents of Manatee County, Sarasota County, and several local cities. The County expects to see continued growth and plans on extending potable water transmission mains to areas outside of the current service area boundary, or future development area boundary (FDAB). The County has selected McKim & Creed to evaluate and develop planning level recommendations and preliminary opinions of construction costs to extend potable water transmission mains and any necessary booster facilities to areas with planned or future development.

FY'2023 Planning and Technical Assistance for Potable Water System Manatee County, FL:

Project Manager. Manatee County Utilities owns and operates a Potable Water System that includes several facilities. Operating the Potable Water System requires various ongoing planning, and technical assignments and duties to ensure the facilities are meeting permit requirements and levels of service. The County hired McKim & Creed to provide planning and technical assistance.

Water Distribution Model Update and Master Plan, City of Margate, FL: Project Manager. The master plan was prepared in response to the City's desire to update their system wide hydraulic model. The project modeled the water transmission and distribution network and evaluated the hydraulic capacity with respect to current and future demands. The project also identified cast iron piping and recommended the required pipe sizes to replace the obsolete components. The final report included a phased Master Plan for recommended improvements to the existing water transmission and distribution system.

Force Main System Model and Master Plan, City of Margate, FL: Project Manager. This report was prepared in response to force main piping system breaks, increase in horsepower requirements at lift stations and the results of localized force main integrity evaluations. The project modeled the wastewater transmission system and evaluated the hydraulic capacity with respect to current and future service requirements. The project also included investigating the air release valves and isolation valves. The final report included a phased Master Plan for recommended improvements to the existing wastewater transmission system.

NW 110th Avenue Water Main Replacement, City of Coral Springs, FL: Project Manager. The project was to resolve operational issues associated with cast iron pipe in the distribution system. Chase designed a new water main along NW 110th Avenue from Wiles Road to Sample Road. The project consisted of installing approximately 5,280 feet of 8-inch ductile iron pipe alongside the old cast iron main which was abandoned and grouted. There were five existing fire hydrants that were removed and replaced along with three new fire hydrants installed. The project also consisted of replacing forty-two water services that serve the surrounding neighborhood.



Mario Loaiza, PE, F.ASCE

PRINCIPAL-IN-CHARGE

QUALIFICATIONS

- ✓ 29 years of utility design and management expertise.
- ✓ Former Utility Director in Palm Beach and Martin Counties
- ✓ Well versed in emerging Water/Wastewater issues including SSES, sea level rise resilience and Lead & Copper Rule Revision compliance

EDUCATION

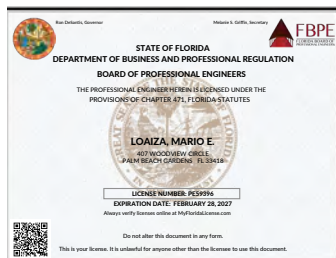
B.S., Civil Engineering,
University of Alabama

LICENSURE

Professional Engineer: FL
#59396

YEARS OF EXPERIENCE

29



Mario has 29 years of experience in both the public and private sectors. Key strengths include client account management, business development and growth across multiple business classes, water and wastewater utility and transportation program management. His experience includes leading winning strategies and large teams, directing capital improvement projects, overseeing the development of engineering master plans, engineering design and operations of water and wastewater treatment facilities, land development design and project management. He is well versed in management of staff, infrastructure design and operation, water distribution, sewer collection, drainage and master lift station design, project manual/project specifications, probable cost estimates, and conceptual reports. Strengths include strong management skills, writing, presentation and verbal communication skills as well as the ability to analyze raw data in relation to engineering. Mario has extensive knowledge of market strategy, long-range planning, budgeting, and development of capital plans, regulatory compliance, inter-government relations, emergency response, hurricane preparedness and customer service.

► Project Experience

City of Boynton Beach General Engineering Consulting Services City of Boynton Beach, FL:

Principle-in-Charge. Mario's key responsibilities include leading the engineering team, serving as the city's primary contact, and ensuring projects meet regulatory standards and are completed on time and within budget. Mario's extensive experience in water engineering, strong leadership, and the ability to devise innovative solutions make his role vital for delivering high-quality services that improve the city's water infrastructure.

Professional Engineering & Design Services for North 3 UEP City of Cape Coral, FL: QA/QC.

McKim & Creed is leading the engineering and design services. Covering approximately 3.0 square miles and 5,150 parcels, the project aims to reconstruct 53 miles of roads, install 186 miles of potable water, wastewater, and irrigation piping infrastructure, and construct eight duplex lift stations and two wastewater master pump stations. Additionally, the project involves upgrading storm drainage systems, widening lanes, and implementing intersection safety improvements, while also incorporating fiber optic conduits for future communication needs. The role includes extensive coordination with various stakeholders, robust project management practices, and detailed topographic and subsurface utility surveys to ensure seamless execution.

Water Treatment Plant Master Plan, City of North Lauderdale, FL: Serves as principal-in-charge for developing a 10-year capital improvements program to rehabilitate and maintain an existing lime softening facility. The master plan also included an evaluation of conceptual level treatment alternatives and costs for complying with proposed PFAS limits.

Asset Management Continuing Services, City of Fort Lauderdale, FL: Client Contract Manager. Mario focused on client satisfaction and ensured that this citywide Asset Management program is delivered on time and on budget. Mario was available to the client and leveraged all resources from both local and regional offices as needed. From project visioning to delivery, Mario was available to the client to address challenges as they emerged. The Principal-in-Charge is leveraged to communicate with staff and our resources to address any gaps and to lead the teams to a successful project completion.

Utility Direction and Representative Projects, Hobe Sound/Jupiter Island, FL: Directed all aspects of the WWTP safety improvement design-build project, septic to sewer conversion study, established backflow prevention program, creation of comprehensive Policies and Procedures Manual, managed \$12M annual budget, capital planning, GIS Map system creation, Instrumentation and Controls conversion, and SMRU History Document for newly elected Commissioners.



Patrick Jehle, PE

PROJECT ENGINEER | ROADWAYS

QUALIFICATIONS

- ✓ Project Management, Design and Permitting for Sidewalks and Pedestrian Facilities
- ✓ Local Agency Program (LAP) Experience
- ✓ ERP Permitting (General, Individual, Exemptions)
- ✓ Proven Leader and Facilitator of Public Involvement Activities
- ✓ Specific experience with the multi-use trails, recreational facilities and pedestrian facilities

EDUCATION

B.S., Civil Engineering,
Georgia Institute of
Technology

LICENSURE

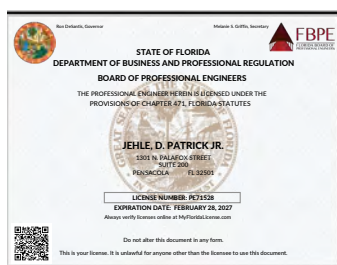
Professional Engineer, FL
#71528

Professional Engineer, AL
#32657

FDEP Qualified Stormwater
Management Inspector

YEARS OF EXPERIENCE

25



Mr. Jehle has 25 years of experience of diverse civil engineering experience in the areas of improving recreational and park facilities, developing wetland trails, integrating intermodal trails with roadway projects, and protecting green spaces. Mr. Jehle also has experience with the design and permitting of a wide range of storm water management system types, including conventional dry ponds, dry ponds with both gravity fed and pump assisted filtration, below- grade exfiltration, wet retention and vegetated natural buffer configurations.

► Project Experience

Fairpoint to Shoreline Multi-Use Pathway, City of Gulf Breeze, FL: Project Manager. McKim & Creed provided surveying, civil engineering, and landscape architecture services to design a new 10-foot-wide multi-use pathway along the Fairpoint Drive/Shoreline Drive loop, a distance of approximately four miles, that will support multi-modal transportation for bikes, carts, scooters and other wheeled modes of transport in this active area of Gulf Breeze. This design also includes intersection safety improvements at side streets and critical mid-block crossing locations, along with rehabilitation and upgrade of an existing 5-foot wide sidewalk to provide an ADA-compliant path for pedestrian foot traffic. Additionally, our team completed community multiple outreach efforts to educate citizens about the project and gather public input early in the project's development, such that the input could truly influence the final design

Avery Street Sidewalks and Drainage, Escambia County, FL: Project Manager. This project includes sidewalk and drainage improvements along West Avery Street in Escambia County, Florida. New sidewalks are proposed along both sides of Avery Street, and new drainage infrastructure will be included to close an existing open ditch system.

North Old Corry Field Road Sidewalks and Drainage (FDOT District 3 LAP), Escambia County, FL: Project Manager. This LAP project included sidewalk and drainage improvements along North Old Corry Field Road in Escambia County, Florida. New sidewalk is being constructed along the east side of the roadway, and an new inlet and pipe system is included to replace an existing open ditch system.

South Old Corry Field Road Sidewalks and Drainage | Escambia County, FL: Project Manager. This project included sidewalk and drainage improvements along South Old Corry Field Road in Escambia County, Florida. New sidewalk is being constructed along the east side of the roadway along with a new inlet and pipe system to replace an existing open ditch system.

Bobbe Street and Scott Street Sidewalks and Drainage, Escambia County, FL: This project included sidewalk and drainage improvements along Bobbe Street and Scott Street in Escambia County, Florida. New sidewalk was constructed along the south side of Bobbe Street along with a new inlet and pipe system that replaced an existing open ditch system. New sidewalk was constructed along both the north and south side of Scott Street.

Daniel Drive and Joachim Drive Improvements, Gulf Breeze, FL: This project includes construction of new access and safety improvements along Daniel Drive and Joachim Drive in Gulf Breeze, Florida. Vehicle access improvements include driveway connection upgrades to several properties within the project area, intersection improvements at Daniel Drive and Andrew Jackson Trail, and upgraded public parking. Pedestrian access improvements include new sidewalks, pedestrian crosswalks and upgraded ADA accessibility features throughout the project area. Safety improvements included addition of new raised pedestrian crosswalks, new speed tables, and upgraded signing and pavement markings



Brice Nelson, PE

PROJECT ENGINEER | WATER & REUSE MAINS

QUALIFICATIONS

- ✔ Expert leader providing planning, design, permitting and construction in municipal projects and infrastructure
- ✔ Managed and contributed to numerous significant pipeline design projects
- ✔ Proven expertise in stakeholder engagement and interagency coordination

EDUCATION

M.S. Business Administration,
University of Mary

B.S. Civil and Environmental
Engineering. Southern Illinois
University

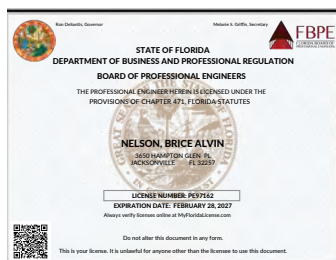
LICENSURE

Professional Engineer, FL
#97162

Professional Engineer, VA,
SD, ND, IA

YEARS OF EXPERIENCE

26



Brice, a Senior Civil Engineer, brings 26 years of diverse experience in civil engineering, covering areas such as water and wastewater, stormwater, and small transportation projects. His extensive expertise spans design, construction administration, cost-saving engineering, municipal design, water and sewer distribution, and stormwater management. With his broad background in general civil engineering, Brice is a valuable asset across various facets of the field.

► Project Experience

JEA Nocatee North Ground Storage Tank, Jacksonville, FL: Backup project manager, serves as the main local contact, coordinating with subconsultants, manufacturers, project staff, and the JEA project manager to ensure smooth operations. His leadership in meetings, schedule management, and technical expertise in site layout and piping design are crucial. Brice collaborates with JEA on cash flow schedules and cost estimates, supporting financial management. His efforts in maintaining the project schedule are key to on-time deliverables, and his focus on collaboration and innovation enhances his contributions.

Waters Avenue 24" Force Main, Hillsborough County, FL: Serves as Engineer of Record responsible for design and technical oversight of the 22,000-linear-foot 24-inch force main replacement along Waters Avenue. Brice leads the design of open-cut pipeline sections, ensuring compliance with Hillsborough County standards and WRD requirements. His responsibilities include establishing design criteria, reviewing alignment alternatives, coordinating permitting, and developing construction documents through the 60%, 90%, and 100% design phases. Brice provides guidance on constructability, cost, and material selection while coordinating with County staff, subconsultants, and the design-build team. His leadership ensures technical accuracy, regulatory compliance, and efficient progression from design through GMP development.

JEA Cedar Bay WRF Pipe Replacement, Jacksonville, FL: Serves as project engineer supporting design and coordination for wastewater piping replacement and above-ground system upgrades at the Aeration Basin. Responsible for pipe support spacing calculations, cost estimating, and development of technical specifications. Assists with schedule preparation and coordination between structural, process, and mechanical disciplines. Brice's analytical precision and proactive communication help maintain alignment among the design team, contractors, and JEA, contributing to efficient execution and on-schedule delivery.

JEA Nocatee South Ground Storage Tank, Jacksonville, FL: Serves as project engineer supporting design and coordination for the new reclaimed water ground storage tank and associated piping systems. Brice assists in schedule management, cost estimating, and preparation of technical specifications while coordinating closely with structural, process, and electrical disciplines. His role includes design input on site layout, yard piping, and hydraulic considerations, ensuring constructability and operational reliability. Brice's collaboration with JEA, subconsultants, and internal design teams promotes efficient communication, technical accuracy, and adherence to project milestones.

St Johns County SR 16 Reclaimed Water Main Extension, St. Johns County, FL: Backup Project Manager. The design-build project to extend the reclaimed water main along SR16 for St. Johns County involves Brice as a key coordinator among SJC, subconsultants, contractors, and project staff. He leads weekly meetings, manages the project schedule, and ensures effective communication and timely progress. Brice also supports financial management by collaborating on budget adherence and provides technical input on design aspects to meet project requirements and SJC expectations.



Daniel Hunt, PE

PROJECT ENGINEER | GRAVITY SEWER & FORCE MAINS

QUALIFICATIONS

- ✓ Trenchless Utility Line Design and Construction Expert
- ✓ Skilled Modeler
- ✓ Understands Local Central Florida Soils and Characteristics for Drill

EDUCATION

B.S., Civil Engineering,
University of North Florida

LICENSURE

Professional Engineer, FL
#75560

Stormwater Mgt. Inspector

YEARS OF EXPERIENCE

24



Dan has 24 years of experience in providing engineering services on water/wastewater, stormwater, industrial wastewater, and civil/site projects. He is skilled in designing trenchless technologies, large diameter force mains, and retrofitting industrial wastewater treatment facilities. His expertise extends to securing various permits and managing procurement and construction for a wide range of infrastructure projects. He has served as a trusted consultant for several public-sector clients such as Clay County, CCUA, FDOT, JEA, St. Johns County Utilities, Dept. of Veteran Affairs, and St. Johns River Water Management District.

► Project Experience

JEA, San Jose System Phase Out, Jacksonville, FL: Engineer for the design, permitting, and bid-phase services for the construction of 3,850 LF of 20-inch PVC DR 25 force main via open-cut method, including gate valves and air release valves (ARV). Permitting involved preparing plans for pavement restoration and traffic maintenance, and coordinating with the City of Jacksonville. The project aimed to reroute wastewater flow from the San Jose WWTP to the Arlington East WRF. The force main redirected flow south along Lavista Circle, Sanchez Road, San Servera Drive, and Waterfront Terrace, connecting to the San Clerc Pump Station and tying into the Royal Lakes Outfall pipe. At Old Kings Road and Rathbone Drive, the existing force main and outfall pipe were interconnected for future flow management.

Northeast Jacksonville Force Main, JEA, Jacksonville, FL: Project Engineer for the design and permitting of a new 20-inch force main to support a planned development in the northeastern portion of Duval County. The alignment extends along Lem Turner Road (S.R. 115) and continues toward Nassau County. Responsibilities included hydraulic analysis to determine optimal sizing and alignment, coordination with multiple stakeholders for right-of-way and utility conflicts, and preparation of detailed construction plans. The scope also involved securing permits from regulatory agencies, addressing environmental considerations, and ensuring compliance with JEA standards for long-term reliability and capacity.

Fury Drive Pump Station and 20-Inch Force Main, JEA, Jacksonville, FL: Project Engineer for the design and permitting of a major infrastructure upgrade, replacing an existing pump station with a new master pump station and upsizing the existing 14-inch force main to a 20-inch diameter. The project required detailed pump station design to meet increased capacity demands, integration with JEA's existing wastewater system, and evaluation of hydraulic performance under peak flow conditions. Additional responsibilities included developing construction sequencing plans to minimize service disruptions, coordinating with local agencies for permitting, and preparing cost estimates and technical specifications to ensure

County Road 218 Water and Sewer Main Relocation, CCUA, Clay County, FL: Project Engineer for the design and construction management of the relocation of a 12-inch gravity sewer and 10-inch water main within the County right-of-way (ROW) to make room for the widening of CR218. Scope included coordination with a multi-disciplined team to address conflicts with other utilities, the new stormwater system in the ROW, and the roadway improvements within the CR218 ROW efficient and reliable operation.

St. Johns County Utility District, SR 16 RCWM, St. Johns County, FL: Project Engineer for project to design, permit, and construct a new reclaimed water main within the FDOT Right of Way of State Route 16. This project consists of 23,000 LF of 20-inch PVC and 24-inch HDPE along the Northeast corridor of the roadway. Challenges included a compressed timeline for design and construction to meet deadlines of a treatment plant completion and demarcation of wetlands to reduce permitting requirements.



David T. Tran, PE

PROJECT ENGINEER | LIFT/PUMP STATION REHABILITATION

QUALIFICATIONS

- ✓ Expertise in potable water and wastewater treatment process and infrastructure design
- ✓ Strong knowledge in permitting rules and regulatory compliance
- ✓ Proficient in CAD, GIS, technical documentation, and engineering analysis

EDUCATION

M.S. Environmental Engineering, University of Central Florida, 2020

B.S. Environmental Engineering, University of Central Florida, 2017

B.S. in Geography, University of Florida, 2014

LICENSURE

Professional Engineer, FL #94892

YEARS OF EXPERIENCE

10



Professional environmental engineer with 10 years of experience in treatment process design, infrastructure, permitting rules/regulations and compliance, and construction services. Experienced with many types of environmental and water resources engineering projects throughout Florida, including potable water and wastewater treatment process design (from conceptual design through bid documentation and construction services), chemical systems, booster pump stations, lift stations, facility operation, facilities permitting compliance with regulatory and government agencies, water quality and water level monitoring, construction project engineering, and superfund site cleanup.

► Project Experience

Lakeland/Bartow/Polk Booster Pump Station and Auburndale/Winter Haven Booster Pump Station, Polk Regional Water Cooperative (PRWC): Engineer of Record and Project Lead for the design and construction of two booster pump stations, including ground storage tanks, metering stations, chemical storage and feed pumps, and electrical and I&C implementation. Technical responsibilities included preparing preliminary design reports (initial design concepts with technical and cost input from manufacturers) and full set design drawings and specifications (60% set through bid set). Management responsibilities include client services, progress and review meetings, coordinating team of multiple disciplines, monthly progress reporting.

Lift Station 7 Rehabilitation & Replacement, Deltona Water, City of Deltona: Project engineer on the analysis and design of the rehabilitation/replacement of the Lift Station 7 to address surcharge issues and aging structure. Responsibilities involved elevation analysis of the sewer surcharge issues, generating the alternatives analysis report and accompanying CAD drawings of 6 alternatives to rebuilding the lift station and relevant pipelines, and generating the final PDR and accompanying CAD design drawings. This included elevation considerations, wet well sizing, cost analysis, electrical instrumentation coordination with vendor, flow analysis, and build-out projection.

Lift Station #3, City of Orlando: Project Engineer overseeing all aspects of construction for a municipal lift station upgrade. Responsibilities included managing the full project lifecycle from pre-construction through closeout. Key duties involved producing and reviewing technical submittals to ensure compliance with design specifications, developing and maintaining detailed project schedules, and securing necessary permits in coordination with local authorities. Drafted and negotiated contracts, vetted subcontractors for quality and reliability, and facilitated seamless coordination among subcontractors, vendors, and manufacturers. Oversaw procurement by ordering specialized equipment and parts, ensuring timely delivery to meet project milestones. Managed invoicing and budget tracking to maintain financial accuracy and accountability. Acted as the primary point of contact for stakeholders, ensuring clear communication and adherence to project goals, safety standards, and regulatory requirements.

FDEP Operational Permit Renewals and Permit Modifications, Various Facilities and Clients: Engineer of Record and Project Lead for over a dozen successful operational permit renewals and modifications for various facilities, such as Eastern WRF, North WRF, South WRF, Hamlin WRF (Orange County Utilities), Greenwood Lakes WRF (Seminole County), Oviedo WRF (City of Oviedo), Reedy Creek WWTF (Reedy Creek Improvement District), Water Conserv II (Woodard & Curran), Bee Ridge WRF (Sarasota County), Sandhill WRF (TOHO Water Authority), Gibson Oaks WPF (Polk County Utilities). Responsibilities include leading kickoff meetings and preapplication meetings, forms and documentation, development of the Operation & Maintenance Performance Report and Capacity Analysis Report, creating CAD/GIS supporting figures, site visits, and submitting the final submittal package to FDEP and addressing any outstanding RAIs.



Sam Hall, PSM

SURVEY PROJECT MANAGER

QUALIFICATIONS

- ✓ Nearly three decades of experience in the Geomatics field
- ✓ Has managed multiple FDOT contracts over the past two decades
- ✓ Project Management
- ✓ Cost Control

EDUCATION

M.S., GPS Satellite Surveying and Conformal Mapping, University of Maine

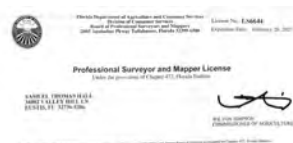
B.S., Geography and Anthropology, University of Southern Maine

LICENSURE

Professional Surveyor and Mapper, FL #6644

YEARS OF EXPERIENCE

26



Sam brings nearly three decades of surveying, mapping, and project management experience to the McKim and Creed team. His experience includes multi-million-dollar transportation, state agency, and municipal development geospatial projects in all Florida regions, with a specific focus on FDOT surveying and mapping support. Throughout his career, Sam has demonstrated exceptional project understanding and technical expertise, providing an ability to pair technology resources to project needs that deliver comprehensive scope solutions, expedite survey task completion and limit cost. He has led both large and small geospatial teams through proposal development, scope delivery, quality control activities, and contract administration.

► Project Experience

Florida's Turnpike Enterprise (FTE) South System Miscellaneous Surveying and Mapping: Project Manager and primary point of contact for four consecutive FTE South System Surveying and Mapping contracts, overseeing all aspects of task authorization production, field safety, and contract management. Assignments were primarily focused in the Turnpike southern region (Indian River County and south) but were issued as needed throughout the enterprise. Tasks included design surveys of all levels, drainage surveys, hydrographic surveys, subsurface utility investigations of all CI/ASCE 38-02 Quality Levels, terrestrial mobile lidar, advanced alignment retracement, control surveys, and miscellaneous right-of-way mapping document production. This contract also served as FTE's "Sunshine 811" utility locating service for miscellaneous construction within the system to mark FTE-owned utility facilities ahead of construction activities by third parties. More than 300 individual task authorizations were successfully performed over the course of ten years.

Florida Department of Transportation (FDOT) District 6 SR 826 / Palmetto Expressway Widening CEI, Survey Project Manager: Surveying Task Manager. Sam served as surveying task manager on this Construction Engineering Inspection (CEI) contract overseeing the widening of the Palmetto Expressway from SW 8th Street to Bird Road. Surveying services included verification of Project Survey Control and pre-construction check cross sections to confirm plan cross slopes. Surveys were performed to confirm contractor layout and construction including pond surveys, drainage surveys, bridge as-built surveys, and as-built cross sections following construction. All work within the travel lanes was completed remotely using lidar technology, eliminating impacts to traffic flow within this high-speed limited access corridor.

Florida Department of Transportation (FDOT) District 6 NW 12th Avenue Bascule Bridge CEI: Surveying Task Manager. Sam served as surveying task manager for this Construction Engineering Inspection (CEI) contract overseeing the construction of the NW 12th Avenue Bascule Bridge in downtown Miami. Surveying services rendered over the course of the \$57million construction included demolition surveys to ensure removal of previous infrastructure in accordance with the construction plans, right of way layout for viewing to confirm existing R/W per the construction plans and location of potential encroachments prior to contractor mobilization, pre-construction hydrographic surveys to confirm plan waterway cross section data, bridge pier as-builts, bridge component location verification, and verification of horizontal and vertical control.

Miami-Dade County Busway CEI, Segments II and III: Survey Project Manager. Sam oversaw the construction of the Miami-Dade County Busway Corridor from SW 312th Street to SW 88th Street. Surveying services included alignment verification, horizontal and vertical control verification, roadway check cross sections, intersection surveys to confirm ADA improvements matched plan criteria, utility surveys to confirm utility data provided in the plans, as-built surveys of the busway travel lanes, and miscellaneous verification of surveying-related work performed by the contractor.



Colin Miller, PE

PROJECT ENGINEER | STORM WATER & DRAINAGE

QUALIFICATIONS

- ✓ 25+ years of drainage improvement projects
- ✓ Extensive experience in civil and stormwater engineering design
- ✓ Specialized groundwater and surface water modeling expertise
- ✓ Practical coastal solutions, including tide gates on outfalls

EDUCATION

BS, Civil Engineering,
University of Missouri at
Rolla

ME, Civil Engineering,
University of South Florida

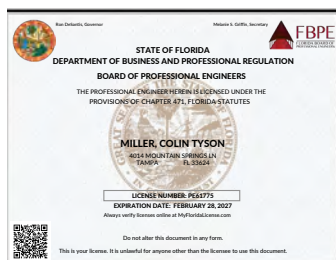
LICENSURE

Professional Engineer, FL
#61775

Professional Engineer, NC,
LA, TN

YEARS OF EXPERIENCE

25



During his 25-year career, Colin Miller has developed a reputation for resolving complex infrastructure issues and developing practical cost solutions in West-Central Florida. Examples include a flood abatement plan for a 760-acre subdivision in Pasco County; parking lot expansions for a frozen-food distributor; storm, sanitary and roadway improvements for the East Gateway area of Clearwater; a stormwater master model revision for Tampa International Airport; and a flooding relief feasibility study in Tampa. He also has broad experience with GIS data processing and map production, as well as engineering programming.

► Project Experience

South Brooksville Stormwater Master Drainage Plan Update, Brooksville, FL: Served as technical lead. He prepared revised stormwater model to assess drainage improvement projects 728 acres of South Brooksville and Hernando County. He was responsible for updating a model with developments and calculate Benefit-to-Cost Ratios for potential drainage improvement projects. Colin used publicly available 4-band aerial photographs to calculate Normalized Difference Vegetation Index (NDVI) to enhance road and building footprint GIS data to enhance impervious area calculations.

Bob White / Brookwood Drainage Improvements, Okaloosa County, FL: Served as project engineer. The Bob White Drive Culvert was damaged and undersized for draining approximately 100 acres of residential and undeveloped land McKim & Creed prepared an ICPR model and drainage report to replace the culvert with a larger culvert without increasing flows downstream. The analysis supported an Environmental Resource Permit (ERP) application processed by the Northwest Florida Water Management District. Project Included: H&H modeling, certification, and permitting.

Lake Maria Sanchez Flood Mitigation and Drainage Project, St. Augustine, FL: Served as technical lead. The FEMA-funded project to redesign the City of St. Augustine's stormwater and flood mitigation system. Designed stormwater inlets, manholes, and junction boxes. Selected stormwater drainage pipe materials, ensured proper drainage, and ensured historic curb compliance. Assisted in determining project costs.

Drainage Improvements from Hercules to Arcturas, City of Clearwater, FL: Served as engineer-of-record and project manager. The channel stabilization project is in Clearwater, Florida and is approximately 1000 linear feet of existing drainage channel which ranges from 3 to 7-feet deep. Mr. Miller is the Project Manager and Engineer-of-Record for the Basis of Design Report, Construction Plans, and Specifications.

Letter of Map Revision for Hidden Creek, City of Zephyrhills, FL: Served as technical lead. Hidden Creek Subdivision is a 347-unit single family residential development in central Pasco County, FL. Mr. Miller prepared a Letter of Map Revision application, calculations, and responses to comments from FEMA. He revised the permit ICPR model for as-built conditions and prepared additional hydraulic models (HEC-RAS) to respond to complex comments from FEMA.



David Ubert, PE

CYBERSECURITY

QUALIFICATIONS

- ✓ Over 30 years as a successful automation engineer and leader
- ✓ SCADA/OT/ICS
- ✓ Cybersecurity Risk Assessment/Artificial Intelligence

EDUCATION

B.S., Electrical Systems Technology, Milwaukee School of Engineering

LICENSURE

Professional Engineer WI #100524-6

YEARS OF EXPERIENCE

33



Dave is responsible for protecting critical infrastructure from cyber threats. His primary focus is assessing and mitigating vulnerabilities, developing robust security protocols, and ensuring compliance with industry cybersecurity standards and regulations. While SCADA systems are part of his scope, his expertise extends beyond process control to encompass advanced cybersecurity strategies, automation design, and risk management. Dave brings extensive experience in safeguarding operational technology environments and implementing resilient, future-ready security solutions.

► Project Experience

SCADA System Study and Upgrade, City of Daytona Beach, FL: Cybersecurity Lead.

The City of Daytona Beach operates multiple treatment plants and pumping stations equipped with SCADA systems for monitoring and control. These systems are outdated, making operations challenging and spare parts costly. McKim & Creed is assessing current SCADA systems to recommend a coordinated replacement strategy. They will prepare specifications to ensure consistent development across the city's facilities, including guidelines for tag numbering and network design. Additionally, McKim & Creed will explore automation opportunities and develop design documents for SCADA upgrades at the Bethune WRF, Westside Regional WRF, and Brennan WTP. The final phase will enable the city to implement the SCADA system replacements.

St. Johns County Utilities Cybersecurity Assessment, St. Johns County FL:

Cybersecurity Lead. McKim & Creed is conducting a cybersecurity assessment for St. John's County, emphasizing the evaluation of the county's operational technology (OT) network. The project involves compiling a comprehensive asset list with a focus on OT system components to identify vulnerabilities. The assessment includes a review of St. John's County's disaster recovery process and workshops to engage stakeholders. A detailed report will be created, offering recommendations and outlining projects to enhance security measures. Additionally, an incident response plan will be developed to ensure swift and effective action in the event of a cyber incident, safeguarding the county's digital infrastructure.

Pinellas County Utilities Cybersecurity Assessment, Pinellas County, FL: Cybersecurity Lead. McKim & Creed conducted a cybersecurity assessment for Pinellas County, focusing on a comprehensive evaluation of the county's OT infrastructure to identify vulnerabilities and potential threats. The process involved analyzing network architecture, reviewing security policies, and testing systems for weaknesses. The assessment aimed to provide a detailed report highlighting risks and offering recommendations for enhancing security measures. By implementing these recommendations Pinellas County strengthen it's defenses against cyber threats, ensured protection of sensitive data, and maintained compliance with industry standards. This proactive approach helps mitigate risks and safeguards the county's digital assets from potential cyber-attacks.

Wellington Cybersecurity Audit, Village of Wellington, FL: Cybersecurity Lead. McKim & Creed conducted a SCADA Cybersecurity Readiness Assessment, applying key elements from IEC/ISA 62443 2-1, NIST Cybersecurity Framework 2.0, and EPA 817-B-23-001 to evaluate the organization's cybersecurity posture. The project was structured around five core tasks, including data gathering, gap and vulnerability assessment, and an operational risk workshop, all aimed at identifying weaknesses and aligning operations with industry standards. The assessment provided client stakeholders with a roadmap of prioritized recommendations to support future regulatory compliance and long-term cybersecurity planning.



Ryan Robinson

I&C SCADA

QUALIFICATIONS

- ✓ ISA Certified Control System Technician III and Automation Professional.
- ✓ Expertise in SCADA systems design and implementation.
- ✓ Proven track record in process optimization through data analysis.
- ✓ Strong background in PLC and HMI programming.

EDUCATION

4 Year Electrical Apprenticeship Program & Cisco Certified Network Associate Program, South Florida State College, FL

Engineering Pathway AA Coursework, Currently Attending Hillsborough Community College, FL

YEARS OF EXPERIENCE

19

Ryan, a recent hire at McKim & Creed, will serve as the SCADA/I&C Lead bringing a wealth of expertise and industry certifications to the role. He is an ISA Certified Control System Technician III and Certified Automation Professional, showcasing a strong foundation in SCADA, PLC, and HMI programming. Ryan's career includes significant roles at the City of Tampa and Metro Wastewater Reclamation District, where he successfully led SCADA system migrations and resolved complex instrumentation issues. He excels in designing and implementing efficient SCADA systems, ensuring compliance with industry standards, and optimizing processes through data-driven insights. Ryan's dedication to safety and operational excellence, combined with his ongoing pursuit of an Electrical Engineering degree, positions him as a pivotal asset in driving the success of SCADA initiatives.

► Project Experience

SCADA System Study and Upgrade, City of Daytona Beach, FL: I&C SCADA Specialist. The City of Daytona Beach operates multiple treatment plants and pumping stations equipped with SCADA systems for monitoring and control. These systems are outdated, making operations challenging and spare parts costly. McKim & Creed is assessing current SCADA systems to recommend a coordinated replacement strategy. They will prepare specifications to ensure consistent development across the city's facilities, including guidelines for tag numbering and network design. Additionally, McKim & Creed will explore automation opportunities and develop design documents for SCADA upgrades at the Bethune WRF, Westside Regional WRF, and Brennan WTP. The final phase will enable the city to implement the SCADA system replacements.

CODB 2024 SCADA Programming, City of Deerfield Beach: I&C SCADA Specialist. Oversees the design, implementation, and maintenance of the SCADA systems and instrumentation in an industrial setting. He is responsible for ensuring the accuracy and reliability of instruments measuring variables like pressure and temperature. He troubleshoots issues, integrates control systems, and ensures compliance with regulations. Their role includes calibration, training, and continuous improvement, contributing to seamless and efficient industrial processes.

TPA Wastewater SCADA AS-needed, City of Tampa, FL: I&C SCADA Specialist. Provided comprehensive, as-needed engineering services to support the City's water and wastewater systems. Our scope included specialized assistance with Supervisory Control and Data Acquisition (SCADA) systems and instrumentation, ensuring reliable monitoring, control, and automation of critical infrastructure. These services encompassed troubleshooting, system integration, configuration updates, and performance optimization to maintain operational efficiency and compliance with industry standards.

City of Tampa, Florida: Ryan was the SCADA Lead at the City of Tampa, overseeing HSQ Miser and VTScada systems for Howard F Curren AWTP. He managed SCADA configurations, cybersecurity, and compliance with standards. Ryan excelled in system migrations and OT networking, maintaining robust infrastructure for the plant and lift stations. He collaborated on optimizing wastewater processes and resolving SCADA issues, highlighting his process control expertise.

South Florida Water Management District, Central Florida: Ryan Robinson, at South Florida Water Management District, maintained vital pumping systems to prevent flooding, managing over 1,000 instruments. He performed maintenance, calibrations, documented data, and recommended system upgrades. His expertise in control system redesign, PLC and HMI programming, and safety ensured optimal system performance.



Matthew Clark, PE, TPO

REGULATORY COMPLIANCE

QUALIFICATIONS

- ✓ Familiar with utility capital improvement programs, budgeting, and planning
- ✓ Licensed water and wastewater treatment plant operator
- ✓ Lift station and collection system operations, maintenance, and design

EDUCATION

B.S., Environmental Engineering, University of Central Florida

LICENSURE

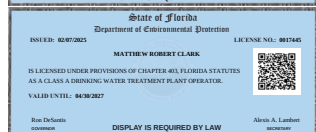
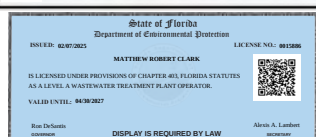
Professional Engineer, FL #94469

Class A Water Treatment Plant Operator, FL #17445

Class A Wastewater Treatment Plant Operator, FL #15886

YEARS OF EXPERIENCE

16



Matthew is a seasoned environmental engineering professional with extensive expertise in water and wastewater treatment plant operations, maintenance, and design. **Matthew holds both a Florida Class A Water Treatment Plant Operator and Class A Wastewater Treatment Plant Operator license.** His water operational experience is across a breadth of various treatment processes and technologies, including lime softening and reverse osmosis. Having operated facilities under construction, Matthew can provide a detailed review of designs to ensure operation and maintenance through construction. This is a value-added service to clients to improve the constructability of complex projects. In addition, his tenure in the public sector brings familiarity to the team with experience in utility capital planning, budgeting, and governmental administration.

► Project Experience

Consent Order Response & CMOM, City of Flagler Beach, FL: Project Engineer: Matthew serves as to lead the engineering and administration of the City's consent order response. His proactive and forward approach is instrumental the City on path to compliance. Work includes addressing the State of Florida's DEP requirements, developing a compliance plan, submitting an ERP and documenting the City's Capacity, Management, Operation, and Maintenance (CMOM) Program. McKim and Creed continue to support the City through the conclusion of the Order and remedial efforts.

Largo WRF Biological Improvements, City of Largo, FL: Project Engineer. Served as project engineer, he provided design and limited construction-phase services for a \$60 million designbuild project focused on biological improvements at a water reclamation facility to address a Consent Order related to excessive nutrient discharge into the Feather Sound and Old Tampa Bay. His role supported both technical design and coordination efforts within the collaborative delivery framework, which was critical to reducing the risk of additional regulatory or legal action against the City. FL DBIA Project of the Year 2023 – Water/Wastewater. North WRF Filter Improvements, City of Sanford, FL: Project Engineer. Mr. Clark was responsible for design services towards the replacement of existing up-flow sand filters (Dynasand) to disk filters. The project design utilized existing structures to save foot print, costs, and mitigate hydraulic constraints.

Reclaimed Water Pump Station SCADA Improvements (Clientside), Seminole County, FL: Senior Engineer. Matthew was responsible for the client-side project management towards the implementation of the County 2020 SCADA Master Plan recommendations of their reclaimed pump stations, including updating of HMI and OIT screens to ISA101 standards, migrating PLC products, development of function block/AOIs, networking and cybersecurity improvements, and system documentation.

2022 Wastewater Needs Analysis (Client-side), Seminole County, FL: Senior Engineer: Matthew led client-side project management in response to regulatory changes under Rule 62-600.705, developing risk models and actionable plans for compliance. The project involved reconciling large volumes of siloed data, facilitating collaborative workshops between County staff and consultants, and addressing the challenges posed by the County's vast and fragmented wastewater infrastructure. His efforts included a thorough review of existing data, the use of GIS based tools to develop hierarchical diagrams of over 330 pump stations, and engaging program stakeholders to address the new requirements of the rule. His efforts ensured a coordinated and strategic approach to regulatory adaptation and system resilience.

2022 20-Year Wastewater Needs Analysis, Seminole County, FL: Senior Engineer Matthew led the engineering and analysis towards the County's first 20-Year Wastewater Needs Analysis, directed by 2021 Florida House Bill 53. Since this was the first needs analysis required by the law, detailed guidance and templates were not available. The project required pulling data from multiple sources, as well as organizing and reporting all the data for the County's municipalities.



Laurel Smith, PE

PROJECT ENGINEER | ELECTRICAL

QUALIFICATIONS

- ✓ Experienced with the Design of Power Distribution System Elements in Treatment Plants
- ✓ Electrical & Control Engineering
- ✓ Electrical System Reliability, Hardening, and Safety Expert

EDUCATION

B.S., Electrical Engineering, University of South Florida

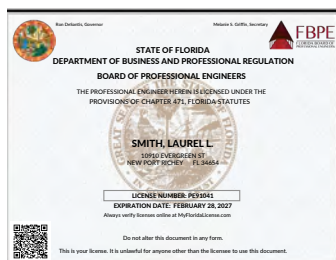
LICENSURE

Professional Engineer, FL #91041

Professional Engineer, NC

YEARS OF EXPERIENCE

10



Laurel is experienced in the design of power distribution systems, such as generators, medium and low voltage switchgear, motor control centers, and single and three-phase panel boards. Laurel has designed electronic control systems, including interconnect and ladder logic diagrams of pump control panels for raw water pump stations, lift stations and equalization tanks. She is also experienced in the design and selection of both indoor and site lighting. Her experience includes work on both new installations and upgrades to existing equipment and facilities.

► Project Experience

Water Treatment Plant Biological Treatment Unit, Manatee County, FL: Electrical Designer. Responsible for the design, permitting, bidding, and construction phase services, which included the electrical distribution and control system for six new Biological Treatment Units. Work involved significant upgrades to the existing medium voltage plant distribution system, showcasing deep understanding of infrastructure and ability to manage complex engineering challenges effectively.

Generator Project, City of Vero Beach, FL: Project Engineer. Led the electrical and systems instrumentation design efforts for the improvements project. Oversaw the design and implementation of two emergency generators, ensuring their seamless integration to power critical City wells. Played a pivotal role in delivering robust solutions, contributing to the project's success and enhancing the reliability of the City's infrastructure.

Lift Stations 3M, Tomoka Meadows and Ashford Lakes, Ormond Beach, FL: Project Engineer. Provided improvements to three submersible pump stations located at different sites throughout the city. Scope included revisions to electrical components at Lift Station 3M (the oldest station), revisions to the discharge pipe in the wetwell and installation of a new valve box at Tomoka Meadows, and conversion of the Ashford Lakes station to a privately-owned facility that meets the standards of the City of Ormond Beach.

Water Treatment Plant PER, Town of Belleair, FL: Electrical Engineer. McKim & Creed developed a Preliminary Engineering Report for a proposed reverse osmosis (RO) water treatment plant that may be integrated with the Town's existing WTP to address issues with increases in total dissolved solids and salinity in its groundwater supply wells. The scope included preliminary process design and configurations tasks as well as estimates of system operating costs to support determination of rate impacts. Our team identified treatment requirements for maximizing life expectancy of the membrane systems; and provided design concepts for feed water booster pumping, bypass permeate blending, and phasing of treatment stages to address expected changes in treatment levels over time. We also provided concept designs for power supply and system reliability, and evaluation of existing plant structures. The project also included above and below grade evaluations for seven existing wells.

Matanzas Woods Parkway Master Pump Station and Force Main, City of Palm Coast: Electrical Design. McKim & Creed furnished design, bidding, and construction services for a master pump station for directing flow to a 16-inch force main. The team supported the City with a hydraulic flow analysis to determine existing and future flows that may affect pump and force main sizing, reviewed and updated the electrical and instrumentation and control system, reviewed structural design, verified the size of the initial and future pumps, and determined when future pumps should be installed within the wet wells. We also oversaw FDEP permitting, provided negotiation and bidding services, and advised the City for post-design and construction activities.



A. Emmett Anderson III, PE

PROJECT ENGINEER | STRUCTURAL

QUALIFICATIONS

- ✓ Structural Expert
- ✓ Florida Building Code Knowledge
- ✓ 40 Years of Experience in Florida
- ✓ Expert In Designing Hurricane Hardening For Water and Wastewater Facilities

EDUCATION

M.A., Civil/Structural Engineering, University of Florida

B.S., Civil Engineering, University of Florida

B.S., Building Construction, University of Florida

LICENSURE

Professional Engineer, FL #34779

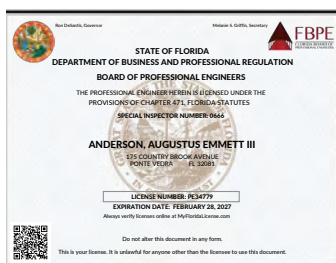
Professional Engineer, NC, LA, GA, CA

Certified General Contractor

Special Inspector

YEARS OF EXPERIENCE

44



Emmett has more than 40 years of experience as a civil/structural engineer providing design, project management and construction administration services for water, wastewater, stormwater and industrial systems. He has experience in the design of new utility systems, as well as condition assessments of existing facilities and infrastructure; a strong background in computer applications such as finite element and classical numerical methods; and experience with structural analysis of most types of structures.

► Project Experience

WWRF Operations Building and Hardening of Biosolids Building, City of Largo, FL:

Structural Engineer. Emmett served as Structural Engineer for the final design phase of the project. After completing a Preliminary Engineering Report for this work, McKim & Creed was selected by the City of Largo to design and construct a new Operations Center at the City's 18 MGD Wastewater Reclamation Facility (WWRF). The scope of work includes preliminary and final design, SUE and survey, geotechnical, permitting and construction phase services for the Operations Building, which is designed with an elevation to allow it to remain operational during a Category 4 hurricane and associated storm surge. Our team is also providing preliminary engineering services for strengthening an existing Biosolids Building to meet a minimum of Category 3 wind loads. The plant will remain fully operational throughout the construction of the Operations Center and the hardening work at the Biosolids Building.

SWWRF New Headworks, Manatee County, FL: Structural Engineer. The project included performance of a basis of design report and a grit characterization study, and replacement/improvement of the following components: headworks structure and by-pass piping, odor control system, mechanical screens, grit removal system, grit classifiers and pumping, screening conveyors, scum screening/pumping, and I&C systems.

Manatee Agricultural Reuse Supply System, Manatee County, FL: Structural Engineer. Emmett provided structural engineering services for addition of three new booster pump stations of similar size and capacity constructed of concrete masonry and wood truss roof on shallow foundations. The stations were designed to house three new booster pumps with space for an additional pump. The project also includes an electrical control room, fuel storage tank and an external back-up generator.

Southwest Water Reclamation Facility, RCW Pump Station Expansion, City of St. Petersburg, FL: Emmett served as Structural Engineer for this project that included adding two reclaimed water pumps in the Southwest Water Reclamation Facility effluent pump station in order to meet the increased demand for reclaimed water. Our team monitored and controlled the new reclaimed water pump variable frequency drives and check-valves associated with the plant SCADA system, and modified the existing pump control scheme to incorporate the two new pumps.

Lift Station No. 8 Improvements, City of Daytona Beach, FL: Structural Engineer. The City operates a collection system with close proximity to the Atlantic coast and waterbodies susceptible to high tides and storm surges. The site of the lift station now sits below the FEMA 100-year flood elevation, which presented maintenance problems associated with reliability, resilience, and access. McKim & Creed has been tasked with the design, permitting, and bid services for replacing Lift Station 8. Since the station is located on a parcel with sufficient space, the City elected to replace the station in its entirety rather than rehabilitating the existing station in place. The station design improved configuration, emergency pumping capabilities, and site security. The configuration was changed to a submersible pump type, with all operable valves and controls completely accessible from the surface and out of structures.



Phil Locke, PE, Assoc. DBIA

TECHNICAL ADVISOR

QUALIFICATIONS

- ✓ Water, Wastewater and Reclaimed Water Utility System Master Planning
- ✓ Advanced Water Treatment Plant Design
- ✓ Wastewater, Reclaimed Water and Storm Water Pumping Station Design

EDUCATION

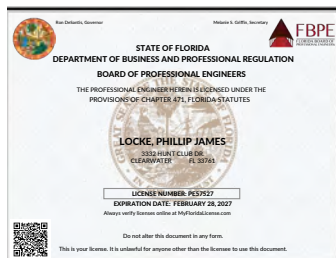
B.S., Civil Engineering,
University of South Florida

LICENSURE

Professional Engineer, FL
#57527

YEARS OF EXPERIENCE

30



As Technical Advisor, Phil will serve as a technical advisor on PFAS-related issues and as needed. If testing is conducted at well sites or after new service installations, Phil will provide expert guidance on test results to ensure a safe and dependable drinking water supply to residents. Mr. Locke offers over two decades of experience in the planning, design, permitting and construction management of water treatment, and wastewater and reclaimed water treatment plants. His water treatment experience includes conventional, reverse osmosis, lime softening and ion exchange facilities; and his wastewater treatment and reclaimed water experience includes chemical storage and feed facilities, transmission systems and other associated infrastructure. He has also prepared water and reclaimed water master plans for clients with hydraulic modeling and forecasting of future flows. He has extensive experience in pumping station design, including sophisticated pumping control systems and variable frequency drives. In addition to this wealth of design

► Project Experience

Water Treatment Plant Master Plan, North Lauderdale, FL: Recently, the city of North Lauderdale identified the need to develop a Water Treatment Master Plan to plot the course of the city's water treatment plant for the next 10 years. The City selected McKim & Creed to provide professional engineering consulting services to develop the Master Plan. McKim & Creed coordinated with the city to evaluate and develop recommendations for capital projects to include raw water quality, pending and potential future drinking water regulations, development of water treatment plant conditional assessments, the effectiveness of existing processes, requirements to meet pending and future regulations, and evaluations of up to three (3) treatment process alternatives.

Manatee County Water Treatment Plant Biological Treatment Unit, Manatee County, Bradenton, FL: Project Manager for design, permitting, bidding and construction for project that included construction of 6 new biological treatment units, new filter backwash pumping system and new scour system, backwash clearwell structure, new filter building for housing new treatment units (including electrical room), installation of new raw water flow meters and modulating valves, instrumentation and control systems, electrical systems, new process and yard piping, connections to existing rapid mix basins, new BTU backwash pond, new onsite lift station, approximately 13,000 LF of 6-inch force main, integration of BTU control system into existing SCADA, and integration of emergency power into BTU process

Lake Manatee Water Treatment Plant Ultrafiltration System Pilot Study & Basis of Design Report, Manatee County, FL: Concerns over the increasing difficulty to comply with limits on finished water turbidity, the age/condition of the existing infrastructure, the potential for more stringent regulatory requirements in the future, and current operation and maintenance costs to treat these occurrences led Manatee County to consider alternative treatment technologies to address these issues. A pilot study was conducted for approximately seven months to test the feasibility of potential treatment improvements that were included in the Lake Manatee Water Treatment Pilot Study Report. Subsequent to the pilot study, this project included the preparation of a BODR for the implementation of a UF system, to include a detailed project scope and process component definition, identification of equipment and process component options, project schedule including design, permitting and construction timelines, permitting requirements and updated estimates of project costs. The BODR was utilized to initiate detailed design and enable permitting for the UF system



Mitch Chiavaroli, PE

QA/QC

QUALIFICATIONS

- ✔ Specialized expertise in technical review and cross-discipline coordination align with utility infrastructure goals.
- ✔ Extensive experience in treatment plant design and construction contract administration
- ✔ Proven ability to lead QA/QC efforts on complex municipal water projects

EDUCATION

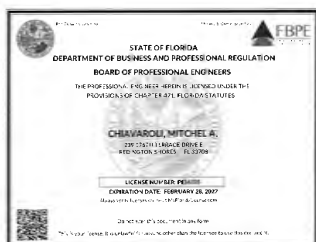
B.S., Civil Engineering,
University of Akron, Ohio

LICENSURE

Professional Engineer, FL
#56335

YEARS OF EXPERIENCE

39



Mr. Chiavaroli's experience as a project engineer and project manager with environmental engineering consultants spans 39 years. Throughout his career, Mr. Chiavaroli has been involved in design and construction of more than 30 water and wastewater treatment plant projects, ranging from process improvements to new plant construction. Located in Clearwater, Florida, Mr. Chiavaroli oversees our west coast Florida engineering support and construction services staff. With his experience in the design and construction contract administration for treatment plant projects, as well as utility infrastructure system improvements, Mr. Chiavaroli is a primary resource for technical review and cross discipline checking of construction project documents.

► Project Experience

Belleair RO Water Treatment Plant Design and Permitting, Town of Belleair, FL:

QA/QC. His responsibilities include technical assistance and quality control. The project consists of a new 10,000 sf, two-story facility to house a new RO process system at the Town of Belleair Water Treatment plant. The facility replaces the existing water process facility and houses electrical equipment, chemical storage, along with additional office space, conference room and locker rooms. A design feature is the addition of a control room with an overview of the RO process. An additional design consideration was construction of the new process building over the demolished process facility.

Wellfield Relocation/Expansion - Phase 2, City of Clearwater, FL: QA/QC. Phase II of the WTP No. 1 and 3 wellfield expansion project included the work associated with the site reselection for the three wells; design, construction, testing and analysis of the additional new well for WTP No. 3; development of standardized well construction documents for the installation of all new wells; relocation of the four unused permitted wells; and refurbishment of the existing three wells. McKim & Creed provided the additional water use permitting (WUP), data collection, ground water modeling, permit application and response to requests from the Southwest Florida Water Management District for additional information for the new wells. The project included the design, bidding and construction phase services for the additional raw water piping to interconnect the new wells to the respective water treatment plants.

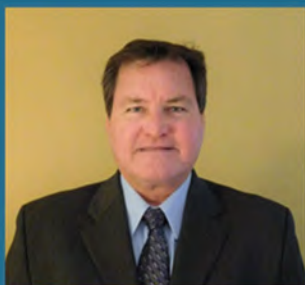
Reverse Osmosis Water Treatment Plant Improvements Construction Services, Dunes Community Development District, Daytona Beach, FL: QA/QC. McKim & Creed performed construction observation services during an expansion to the Dunes Community water treatment plant. The project involved an expansion of the plant's reverse osmosis (RO) treatment system, including cartridge filtration, feed pumping, RO skid and membranes; the addition of a new degasifier and wet scrubber system, one transfer pump, and one diesel-driven high service pump; and other miscellaneous system improvements. McKim & Creed provided continual construction monitoring and progress reporting for the project's duration, ensuring that progress adhered to the contracted scope and schedule.

Venice RO Membrane Replacement & SCADA Improvements Design/Build, City of Venice, FL: QA/QC. McKim & Creed teamed with the Haskell Company as part of a progressive design-build approach and performed engineering design and construction services associated with the replacement of four 1.1 mgd reverse osmosis (RO) skids for the City of Venice. The City's prior RO system utilized a single-stage design to operate at 50% recovery, with the ability to expand to a two-stage, high-recovery system in the future. The project also included the installation of four new 150 hp vertical turbine can pumps, each with variable frequency drives. Additionally, four new stainless steel, horizontally-mounted cartridge filter vessels were included to replace the prior vertically mounted filters. McKim & Creed performed a detailed analysis of the city's 14 groundwater supply wells, reviewed historic water quality and supply data for the individual wells and developed a wellfield operational matrix that the City uses to help operate the wellfield.

SPECIALTY SUBCONSULTANTS

McKim & Creed has assembled a multidisciplinary team that is capable of providing the majority of the planning, permitting, design, and construction tasks in-house. This will enhance the quality of our deliverables and protect project schedules and budgets. However, we have added specialty subconsultants to our team to complement our in-house services and to resolve any unique challenges that may arise in a timely cost-effective manner.

SUBCONSULTANT	OVERVIEW	PARTNERSHIP VALUE
 LANDSCAPE ARCHITECTURE & ENVIRONMENTAL ENGINEERING	Cotleur & Hearing provides professional service in the disciplines of landscape architecture, residential landscape, design/build, land planning and environmental consulting. They service a multitude of high-profile clients including the Florida Department of Transportation, Florida Power & Light, The South Florida Water Management District, Minto Homes, Kolter Homes, DiVosta Homes, The Carrier Corporation, and Jupiter Medical Center. For over 30 years, Cotleur & Hearing has helped various non-profits, churches, schools and synagogues as part of their core value of giving back to the community.	» 30+ Years giving back to the South Florida community » Trusted by Major Agencies including FDOT, FPL, and regional water management, ensures compliance with regulatory standards and best practices for public infrastructure. » Proven ability to design functional, aesthetically pleasing, spaces for municipal and community projects.
 GEOTECHNICAL ENGINEERING	Founded in 1967, Nutting Engineers is a leading South Florida geotechnical firm. Services include soil borings, groundwater well drilling, pile installation monitoring, chemical grouting, and QA/QC testing of construction materials. They also provide structural inspections and geotechnical engineering for a wide range of projects, including transportation, municipal, industrial, and commercial developments.	» 58 Years Serving South Florida » Extensive portfolio with municipal facilities » Specialized in QA/QC testing and structural inspections to ensure compliance, safety, and durability for municipal and transportation projects.
 PUBLIC OUTREACH	The Merchant Strategy (TMS) ensures meaningful and continuous stakeholder engagement by providing clear communication channels and accessible project information. Thier approach includes a dedicated project webpage, multilingual outreach materials, a stakeholder mailing list, and a project hotline to address questions and concerns. We also manage logistics for public meetings to foster transparency and collaboration throughout the project.	» 20+ Years Serving South Florida » Dedicated project webpage and multilingual outreach materials ensure Pompano Beach residents and Broward County stakeholders stay informed and involved » Detailed tracking of inquiries and well-coordinated public meetings foster trust and accountability between the City of Pompano Beach, local businesses, and residents.
 COASTAL ENGINEERING	Cummins Cederberg offers specialized expertise in coastal engineering and seawall construction and repair, ensuring durable, resilient waterfront solutions. Their team provides precise site assessments, advanced modeling, and environmental evaluations to guide design and permitting. They manage complex projects with a focus on regulatory compliance, structural integrity, and long-term performance. By combining technical precision with practical experience, Cummins Cederberg helps clients reduce risk, control costs, and achieve sustainable results for coastal infrastructure.	» 15+ Years Serving South Florida » Highly regarded Local South Florida expert in Coastal and Marine Engineering » Sea Grass and Living Shoreline specialists » Climate Change Compact thought leaders



Richard C. Wohlfarth, PE

Principal/ Director of Engineering

FORMAL EDUCATION:

University of Florida,
Gainesville, Bachelor of
Science, Civil Engineering

PROFESSIONAL REGISTRATIONS:

Registered Engineer-
State of Florida #50858

Registered Building Inspector-
State of Florida BN #3580

SBCCI #6528

ACI Level 1 #991175

UBCI

PROFESSIONAL AFFILIATIONS:

Florida Engineering Society
*Past Chapter President

National Society of
Professional Engineers

Deep Foundation Institute

American Society of Civil
Engineers

PROFESSIONAL EXPERIENCE:

Mr. Wohlfarth, P.E. is the Director of the Engineering Department which includes ~50 professional and technical personnel. He also has overall responsibility for the Special Inspection, Construction Materials Testing and Geotechnical Engineering Divisions where he directs training, quality system review and personnel evaluations. His responsibilities include report review, signing and sealing geotechnical engineering, structural inspection and laboratory testing reports for the company, providing contract negotiation and administration, budget estimating and project management.

Mr. Wohlfarth, a Delray Beach resident, has 39 years of experience (34 with NEF) in various aspects of geotechnical engineering which include determining feasibility of site development, foundation design analysis and recommendations, providing engineering evaluation for bridge and roadway construction, pavement design for roadways, roadway subgrade stabilization by geotextiles and other means, design of shoring systems for utility trenches and other deep excavations, dewatering methodology for trench and other excavations and backfill procedures, setting up and monitoring pile load tests, and providing value engineering for foundations.

PROJECT EXPERIENCE:

- **City of Sunrise** (on behalf of the City and/or Consultants). Project include but are not limited to:
 - W. Mall Road Water Main Tie-in
 - Lift Stations LS 308, LS 405, LS310, LS 408 Rehab
 - Sawgrass WTP
 - Sunrise Civil Center Pool
- **City of Hollywood:**
 - Deep Injection Well Pump Station
 - N. 26th Avenue Drainage Improvements
 - Polk Street Boat Ramp On-Site Improvements
 - Monroe Terrace Water Main Replacement
 - Water Main Replacement between Johnson Street and Taft Street from N. 66th Avenue to N. 67th Terrace
- **City of Tamarac** (on behalf of the City and/or through private clients):
 - Pump Station 454 Rehab
 - Proposed Mid-Walk Crosswalks
 - Tamarac Park Playground Renovation
 - Tamarac Sports Complex
 - Canal Improvement Phase VI (2 sites)
 - Veterans Park, Proposed Pedestrian Dock





Christopher E. Gworek, PE

Senior Project Engineering

FORMAL EDUCATION:

Clarkson University, Potsdam,
New York

Studied towards a Master of
Engineering Degree-
Wastewater Treatment and
Pollution Control

Bachelor of Science-Civil-
Environmental Engineering

PROFESSIONAL REGISTRATIONS:

Professional Engineer
State of Florida #69447

ACI Concrete Field Testing
Level 1

PROFESSIONAL AFFILIATIONS:

Florida Engineering Society-
Palm Beach Chapter

American Society of Civil
Engineers (ASCE)

PROFESSIONAL EXPERIENCE:

Mr. Gworek serves as Senior Project Manager/Engineer. His responsibilities include preliminary site studies, geotechnical explorations to determine site preparation, feasibility studies for land development, foundation design analysis and recommendations, supervision and training of drill crews, workload analysis, observation of piling installations, pile load tests, classification of in-situ soils and field/laboratory materials testing. Mr. Gworek's experience includes construction layout, prepare surveys and as-builts for approval from clients, contractors and the county, collection of field data, layout of structures, buildings and roads and ensuring quality of work being performed in the field by maintaining correspondence between the office and the contractor.

Mr. Gworek has 25 years of experience (22 with NEF; 3 with other). Mr. Gworek has been providing pre-condition video surveys and vibration monitoring services over the past 16 years. Named the 2014 "FES Palm Beach County Chapter Engineer of the Year", Mr. Gworek has considerable experience in design of flexible (asphalt) and/or rigid (concrete) pavement. Mr. Gworek serves as project manager for numerous government projects within Palm Beach and Broward.

PROJECT EXPERIENCE:

- City of Pompano Beach (c/o Consultants):
 - Old Pompano Area Improvement Project, Dixie Highway, East Atlantic Boulevard, NE 5th Avenue, NE 10th Street
 - Proposed Mast Arm Traffic Signal Improvements, MLK Boulevard & NW 27th Avenue
 - Pompano Beach Fire Rescue – Containers, 120 SW 3rd Street
 - Electric Bus Charging Infrastructure, 3201 W. Copans Road
- Various Municipal, Community, Recreational and Nature Centers, including but not limited to:
 - Phase II 16 acre Legacy Park and Municipal Complex, Old Cutler Road & SW 212th Street, Cutler Bay
 - Lauderhill Municipal Complex, NE Corner of NW 56th Avenue & NW 21st Street, Lauderhill
 - Coral Springs Municipal Complex, City Hall and Garage, 4181 NW 121st Avenue, Coral Springs
 - City of Fort Lauderdale First City Hall, 1080 NW 47th Avenue, Lauderhill
 - Wilton Manors City Hall and Police Department, SE Corner of Wilton Drive & NW 21st Court, Wilton Manors
 - Margate City Hall Generator, 5790 Margate Boulevard, Margate





Cotleur & Hearing

LAND PLANNING + LANDSCAPE ARCHITECTURE + TRANSPORTATION
WWW.COTLEURHEARING.COM



Donaldson E. Hearing, PLA, ASLA, LEED [®]AP
Senior Landscape Architect, Principal
43 Years of Experience | 40 Years Post-Registration
561.747.6336 x102
E-Mail: DHearing@Cotleur-Hearing.com
1934 Commerce Lane, Suite 1, Jupiter, FL 33458



Education	1982: University of Florida, Bachelor of Landscape Architecture; Graduated with High Honors 1982: American Society of Landscape Architects Scholastic Merit Award 1982: National Honor Society Scholastic Achiever 1994: USACOE Hydro Geomorphic Wetland Assessment Methodology Training 2008: USGBC LEED Certification Course
Professional Experience	Don Hearing brings over 41 years of professional experience in landscape architecture, land use planning, and zoning consultation, with a focus on projects throughout South Florida since 1982. As a founding partner of Cotleur & Hearing, he has led multidisciplinary teams in the successful design, entitlement, and implementation of a broad range of complex development projects. Mr. Hearing has extensive experience representing major builders and developers in land use, zoning, and governmental affairs. He has played a key role in notable developments including the Abacoa and Alton DRIs, the redevelopment of Downtown Palm Beach Gardens, and the PGA Station Transit Oriented Development. Since 2013, he has overseen planning and landscape architecture for the City of Westlake, Palm Beach County's 39th municipality. His expertise also includes large-scale environmental and infrastructure projects. He served as project manager for the Florida Power & Light Everglades Mitigation Bank—13,455 acres and the largest of its kind in the United States—and is recognized for advancing sustainable development practices. Mr. Hearing leads Cotleur & Hearing's public-sector efforts, managing FDOT and municipal projects such as the Polk Parkway, Lake Worth Road Roundabout, and Military Trail Corridor enhancements. He is also experienced in providing expert witness testimony in matters related to land use planning, zoning, eminent domain, and landscape ecology.
Professional Affiliations	State of Florida Registered Landscape Architect # LA0000943 (1983) Certified LEED Accredited Professional; Member American Society of Landscape Architects Board of Directors and Executive Committee for the Northern Palm Beach County Chamber of Commerce Board of Directors and Executive Committee for the Economic Development Council of Palm Beach County Director for the PGA Corridor Association and the Lighthouse Center for the Arts Board member for MyClinic of Jupiter. In conjunction with his business interests, Mr. Hearing is actively involved in numerous charitable organizations which include Christ Fellowship Church, Palm Beach Community Church, Jupiter Christian School, Place of Hope and the West Jupiter Tutorial Center.
Awards	2012 Community Leader of the Year by Northern Palm Beach County Chamber of Commerce 2011 American Institute of Architects Landscape Architect of the Year by Palm Beach County
Work History	1991 - Present: Senior Landscape Architect, Principal; Cotleur & Hearing 1984 - 1991: Partner; GBSH
Notable Projects	<u>Commercial</u> <u>Downtown Palm Beach Gardens, PBG, FL – Shop Core Properties</u>; Reference: Mr. Kevin Mysliwiec, 773-383-3110 <u>Bascom Palmer Eye Institute, PBG, FL – Bascom Palmer Eye Institute</u>; Reference: Ms. Coreen Rodgers, 305-326-6031 <u>PGA Station, PBG, FL – Catalfumo Construction</u>; Reference: Mr. Dan Catalfumo, 561-694-3000 <u>Abacoa Work Place, Jupiter, FL – Rendina Companies</u>; Reference: Mr. Brian Cich, 561-630-5055 <u>Avenir Town Center, Palm Beach Gardens FL</u>; Reference: Mr. Danny Lopez, 301-520-3900 <u>Northlake Gardens, Palm Beach Gardens, FL</u>; Reference: Mr. Robert Deziel, 561-346-0105 <u>PGA Station Hotel, Palm Beach Gardens, FL</u>; Reference: Mr. Andrew Brock, 561-707-5584 <u>Carrier Corporation Headquarters, Palm Beach Gardens, FL</u>; Reference: Mr. Brad Hardesty, 317-240-5270 <u>Your Life @ Alton, Palm Beach Gardens FL</u>; Reference: Mr. John Csapo, 561-789-2697

Notable Projects

Community

Sawfish Bay Park, Jupiter FL – Town of Jupiter, FL; Reference: Mr. Russ Ruskay, 561-746-5134
Palm Beach County Fire Stations #10, 14, 34, 40 and 74; Reference: Mr. Miradieu Aubourg, 561-233-0251
Alton Park, Palm Beach Gardens FL; Reference: Mr. John Csapo, 561-789-2697
Sandhill Crane Club House, Palm Beach Gardens FL; Reference: Ms. Charlotte Presensky, 561-630-1115
Village of Royal Palm Beach, Village Hall Redevelopment- RPB FL; Reference: Mr. Ray Liggins, 561-790-5162

Community Pro Bono

Christ Fellowship, PBG, RPB, PSL, BB, Stuart & Westlake FL – CF; Reference: Pastor Mullins, 561-799-7600
Gardens Shul, Palm Beach Gardens, FL; Reference: Rabbi Dovid Vigler, 561-847-7070
West Jupiter Community Center, Jupiter, FL; Reference: Ms. Enda Runner, 561-386-9108
Place of Hope & Village of Hope, Palm Beach Gardens, FL; Reference: Mr. Charles Bender, 561-775-7195

Environmental Restoration

PBC Sansbury Way Park Regional Mitigation Area, West Palm Beach, FL
Everglades Mitigation Bank, Biscayne Bay/Turkey Point Nuclear Facility, FL – FP&L
Botanica Wetland Preserve, Jupiter, FL – NPBCID
Loxahatchee Mitigation Bank, Delray Beach, FL – SFWMD
Lemon Grove Mitigation Bank, Northern Palm Beach County, FL – John C. Bills
Savanah State Reserve, St. Lucie County, FL – FDEP- A FPL Company
North County Governmental Center Preserve Restoration, Palm Beach Gardens, FL - Palm Beach County
SWA Recycling Facility, West Palm Beach, FL – PBC SWA
Limestone Creek Restoration, Jupiter, FL - Limestone Creek S. Restoration POA – Town of Jupiter

Medical

JMC – Hospital Surgical Suites, Jupiter, FL; Reference: Mr. Steve Seeley, COO, 561-23-2020
JMC – Cancer Center, Jupiter, FL
JMC – Margaret W. Niedland Breast Center, Jupiter, FL

Mixed Use

Westlake, Westlake, FL – Minto PBLH, LLC; Reference: Mr. John Carter, 954-973-4490
Midtown, Palm Beach Gardens, FL – Ram Development; Reference: Mr. Casey Cummings, 561-630-6110
Love Street, Jupiter FL; Mr. Jeff Collins & Charles Modica, 561-371-7024
Abacoa: Greenwich, Dakota, Bermudiana, & SeaPlum Town Center, Jupiter, FL – New Urban Communities
 Reference: Mr. Tim Hernandez, 561-279-8706
East Lake Traditional Neighborhood Development, City of Port St. Lucie, FL – deGuardiola Development
 Reference: Scott Hedge, 561-691-5858

Residential

Artistry Palm Beach Gardens, Palm Beach Gardens, FL– Kolter; Reference: Mr. John Csapo, 561-789-2697
Ancient Tree, Palm Beach Gardens, Jupiter, FL – Pulte; Reference: Mr. Andrew Maxey, 404-451-2386
Panther National at Avenir, Palm Beach Gardens FL; Reference: Mr. Danny Lopez, 301-520-3900
Cresswind Palm Beach, Westlake FL – Kolter; Reference: Mr. John Csapo, 561-789-2697
Westlake, Westlake, FL – Minto Communities; Reference: John Carter, 954-935-6511
Verano DRI, St Lucie County – Kolter; Reference: Mr. John Csapo, 561-789-2697



Aaron Wilbur, PLA
 Project Landscape Architect, Project Manager, Partner, Co-President
 16 Years of Experience | 10 Years Post-Registration
 561.406.1011
 E-Mail: AWilbur@Cotleur-Hearing.com
 1934 Commerce Lane, Suite 1, Jupiter, FL 33458

Education	2010: University Of Florida; Bachelor of Landscape Architecture
Professional Experience	In March 2013, Mr. Wilbur joined the Cotleur & Hearing team and quickly transitioned to the firm's transportation division. Mr. Wilbur is an expert in a multitude of software, FDOT's standards and specifications, and all types of transportation landscape architecture projects, including both roadway component and standalone landscape projects. Mr. Wilbur brings the ability to quickly adapt to new types of projects and challenges. His many years of experience working on FDOT projects, including several In-House Support and Continuing Services contracts, have helped him develop expertise in FDOT project management as well as the digital delivery and phase submittal processes. He has successfully delivered numerous projects to FDOT on time and on budget. He is also an expert in the south Florida Nursery industry and has significant experience providing construction administration and post-design services, both of which lend to stronger design and plant selection abilities. In January 2019, Mr. Wilbur joined Principal Robert Cotleur as a Partner at the Firm providing continuity in management and ensuring the firm's future success. He currently functions as the director of CH's Transportation Division.
Professional Affiliations	State of Florida Registered Landscape Architect #La6667229
Work History	2015 - Present: Registered Landscape Architect (2019: Partner, 2023: Transportation Manager), Cotleur & Hearing 2013 - 2015: Landscape Designer, Cotleur & Hearing 2009 - 2013: Lead Designer and Project Manager, Cottage Gardens
Notable Projects	<u>In-House Landscape Architecture Unit Consultant, FDOT District 4</u> Reference: Kaylee Kildare, 954-777-4219 Mr. Wilbur worked as the Project Manager for the In-House Landscape Architecture Consultant Contract number C9053. His role included assisting with In-house Landscape Architectural tasks, as determined by the District Landscape Architect, such as the design of, and construction administration for, all in-house & push-button landscape projects, maintenance specification review, site inspections & assessments for various roadway & landscape projects, GIS updates of the FDOT GIS database, ODA coordination for violation notices & vegetation removal permits, maintenance agreement reviews, and the development, planning & execution of the D4 wildflower program. As of June 2025, Mr. Wilbur again provides inhouse Landscape Architectural service to the D4 DLM/LAU. <u>Continuing Services for Landscape Architecture Design, District Wide Contract – FDOT District 4</u> Reference: Kaylee Kildare, 954-777-4219 Mr. Wilbur is the Prime Consultant Contract and Project Manager for the CA239 and CAH36 Continuing Services Contracts. His responsibilities include management of all Task Work Orders assigned including project coordination with sub-consultants, FDOT project managers, and the District Landscape Architect, development of the Scope and Staff Hour Estimate documents, as well as production of Landscape, Irrigation, Tree Disposition, and Selective Clearing and Grubbing Plans for dependent and independent projects. Notable projects currently in various phases of construction or production include SR 9 at Fellsmere Rd (446040-1), SR 9 at High Meadows Ave (441318-1), SR 9 from Sunrise to SW 10th (433108-7), SR 713 Kings Highway North/South (230256-8, 438041-1), SR 9 at Spanish River/Yamato Rd. (444344-1), SR 76 Kanner Highway (446033-1), SR 9 at SR 70 (449811-1), SR 9 at Donald Ross Rd (449255-1), SR 9 at St Lucie West (444336-1), and SR 9 at Spanish River and Yamato (444344-1). Mr. Wilbur is also the lead landscape inspector for the construction admin phases. <u>I-95 Express (Phases 3A-1, 3A-2, 3B-1, 3B-2, 3C) – FDOT District 4</u> Reference: Vanita Saini, 954-777-4468 Mr. Wilbur prepared landscape opportunity and tree relocation concept plans for one of the largest tree relocation efforts in South Florida. He assisted in the development of RFP language for all the major interchanges and mainline areas for these Design-Build projects, located from Hollywood Blvd to Linton Blvd. Mr. Wilbur has also been the lead

Notable Projects

landscape inspector and ERC reviewer for all 5 phases of the project and provides post-design services including attendance of all meetings, providing inspection services to confirm and track all relocation activities, and reviewing all landscape RFIs, shop drawings, and plan revisions.

I-75 / I-595 Gateway Interchange (– FDOT District 4

Reference: Vanita Saini, 954-777-4468

Mr. Wilbur assisted with the design and plan production for this \$5M interchange landscape, irrigation, and hardscape project located in Broward County. Mr. Wilbur assisted with landscape design and oversaw the plan production and digital delivery of contract documents for all phase submittals. He oversaw the Post Design Services during construction including the review and approval of plant materials, layouts, and shop drawings, attending meetings, and responding to RFIs. He also represented FDOT as the lead inspector during the Two-Year Establishment period and successfully assisted in bringing the almost 200-acre project through to final acceptance.

I-75 Alligator Alley Environmental Education Project (437934-2/3) – FDOT District 4

Reference: Vandana Nagole, 954-777-4281

Mr. Wilbur was the project manager for the highly complex roadway and landscape phases of the Alligator Alley Environmental Education Project, which includes major site reconstruction to build an education center complete with multilevel boardwalks, a 40' observation tower, a functioning wetland exhibit, an arboretum, dog park, multi-use recreation field, multiple unique plazas, sculptures, seating, shelters, and a complete educational signage component. Mr. Wilbur played a major role in many of the design components, especially the educational components and content. Despite additional last-minute scope changes by the Department, Mr. Wilbur was able to fast-track the revisions to successfully delivered the project on time to ensure the project schedule was met.

SR 7 Widening Standalone Landscape Project; S.R. 7., Miramar, West Park and Hollywood, FL – FDOT District 4

Reference: July Jimenez, 954-777-4415

As a part of the widening efforts for S.R. 7, the project required the demolition of adjacent properties to allow for the conversion of S.R. 7 to a 6-lane, divided highway with park-like linear retention ponds. Made up of two strung standalone landscape projects, the project limits spanned three municipalities. This required Mr. Wilbur to complete extensive coordination with multiple municipalities while working on the production of the landscape, hardscape, and irrigation plans. Mr. Wilbur had the lead role in the design of the median landscape as well as the landscape design of the new park-like wet and dry retention ponds with multi-use pathways. He also helped navigate a complicated establishment phase and was involved in bringing the project through final acceptance.

I-95 at Oslo Road (CR 606) Interchange (Feb 2015 – Present): District 4, FDOT

Reference: Jeff Roberts, PE (954-777-4648)

Mr. Wilbur serves as the Project Manager for the Landscape Architectural scope for this new I-95 interchange in Indian River County. The project involves the preservation of existing vegetation, tree relocation, landscape terrace wall design and a \$1M Landscape Design Dependent Standalone project to follow the roadway construction. The project proposes to preserve nearly 3.5 acres of native pine flatwood, which required extensive coordination to maximize the storage of the stormwater ponds, while preserving the most valuable stands of existing vegetation.

SR 811 (Toney Penna to Center Street) – Town of Jupiter

Reference: Thomas Driscoll (Public Works Director), 561-741-2215

Mr. Wilbur was the lead designer for the SR 811 median landscape and irrigation project, within the Town of Jupiter. Mr. Wilbur prepared concept plans, construction/bid documents, illustrative graphics, permit documents, specifications, and cost estimates for this streetscape project. He successfully navigated the Town through the construction and establishment phase of the project.

Port St Lucie Blvd (Paar to Darwin), Port St. Lucie, FL – City of Port St. Lucie/ FDOT District 4

Reference: John Dunton, 772-344-4035

Located in Port St. Lucie, the proposed project is comprised of two Dependent Landscape projects and extends the widening of PSL Blvd. south from the Turnpike over-pass to Paar Rd. The projects included the landscaping of the medians to be consistent with the City Beatification Guidelines and included the design of the irrigation system. Mr. Wilbur is the Project Manager for the project and assisted in the design of the proposed landscape and irrigation.



MERCHANT STRATEGY

Sharon J. Merchant, President



Public Involvement Project Manager

Professional Credentials

Bachelor of Science

International Affairs

Florida State University 1986

Former Member, Florida House of
Representatives, 4 terms

Jim Moran Institute for Global
Leadership Small Business Executive
Program

Florida State University 2016

LeRoy Collins Public Ethics Academy
Advisory Board, Member

Basis for Team Selection

Statewide relationships with City,
County, State and Federal Elected
Officials and Key Decision Makers.
Focused on Customer satisfaction and
Positive outcomes. Consensus Builder
and Team Player.

Experienced Leader

Public Involvement: 19 years

Government Relations: 27 years

Business Development: 19 years

Experience

Ms. Merchant brings 30 years of public and private leadership experience as a Member of the Florida House of Representatives and President of The Merchant Strategy (TMS) offering clients public involvement, governmental relations, and community relations services.

Public Involvement Experience:

Parsons: Sharon is the Public Involvement Officer for three South Florida Regional Transportation Authority (SFRTA) projects with Parsons. The projects are: Limited English Proficiency (LEP) Program Update project; Strategic Plan Update Project; and the Onboard Survey Project. She is responsible for all Quality Assurance and Quality Control.

AECOM: Sharon is the Public Involvement Manager for the City of Boynton Beach Coquina Cove Drainage Project. She is in charge of coordinating with utility companies to assist the Project Team and the City in their endeavor to underground the utilities. She is responsible for Quality Assurance and Quality Control and will attend all neighborhood and public meetings.

Captech Engineering: Sharon is the Public Outreach Specialist Senior for this FDOT D-4 SR-704 and Okeechobee Boulevard from Tamarind Avenue to West of Lakeview Avenue Design Services project. She is responsible for Quality Assurance and Quality Control as well as attending meetings with the City of West Palm Beach and the public.

Kimley Horn: Sharon is the Public Involvement Officer for this Orange City Septic to Sewer Conversion project. She is responsible for Quality Assurance and Quality Control and will attend public meetings.

T.Y. Lin International: Sharon is the Public Involvement Officer for the City of Delray Beach Andrews Avenue Extension project. She is responsible for Quality Assurance and Quality Control and meeting attendance.

City of Boynton Beach: Sharon is the Public Involvement Manager on the Lakeside Gardens Neighborhood Drainage Improvements project. She is coordinating with utility companies to assist the Project Team and the City in their endeavor to underground the utilities.

WGI: Sharon is the Public Involvement Officer for this City of Port Saint Lucie Hogpen Slough Stormwater Treatment Area project. She is responsible for Quality Assurance and Quality Control as well as attending meetings.

Stantec: Sharon is the Public Outreach Senior Specialist for this FDOT D-4 SR-91/I-95 at Hypoluxo Road diverging diamond intersection project. She is responsible for Quality Assurance and Quality Control for this project.

Sharon J. Merchant, continued:

City of Hollywood: Sharon is the Public Involvement Officer for three projects with the City of Hollywood: The New Police Headquarters project; Traffic Calming Project; and Fletcher Street Wall project. She is responsible for all Quality Assurance and Quality Control for this project as well as attending meetings with the City of Hollywood and public meetings.

Capital Group P3: Sharon is the Public Involvement Officer for this Public Private Partnership (P3) project with Capital Group P3 and the City of Deerfield Beach. She is responsible for meeting with stakeholders, the project team, attending public meetings and all Quality Assurance and Quality Control.

Erdman Anthony: Sharon is the Public Outreach Senior Specialist for two FDOT D-4 projects with Erdman Anthony. The first project at 36th Street from Australian Avenue to North Flagler Avenue and the other is Palm Beach Lakes Boulevard at I-95, both in West Palm Beach. She is responsible for attending meetings with TPO, SFWMD, FEC and stakeholders. She is responsible for all Quality Assurance and Quality Control for this project.

Parsons: Sharon is providing quality assurance on all team documents for this Florida Turnpike Enterprise project, including the CAP plan, stakeholder database, newsletters, and all printed materials. She will be the key contact for all constituent and agency meetings.

Whiting Turner: Sharon is the Public Involvement Manager for this City of Hollywood CMAR North Beach Utilities Underground Conversion and Hollywood Beach Utility project. She is responsible for all Quality Assurance and Quality Control for this project as well as attending meetings with the City of Hollywood and public meetings.

Hollywood Private Projects: Sharon is the Public Involvement Manager for several private projects in the City of Hollywood. She is responsible for all Quality Assurance and Quality Control for these projects.

WGI: Sharon was in charge of all quality control and quality assurance for this City of Delray Beach North Swinton Avenue Roadway Underground Utility Improvements project.

Mad 4 Marketing: Sharon is the Public Involvement Officer for this Sarasota County Area Transit (SCAT) Rebranding and Marketing project. She is responsible for attending public meetings and all Quality Assurance and Quality Control.

K.C.I. Technologies: Sharon was the Public Involvement Manager for two projects with K.C.I. Technologies: The Riviera Beach Community Redevelopment Agency Avenue E Corridor Streetscape Study and City of Delray Beach ADA Sidewalk Project. She is responsible for all quality control regarding preparation of the PIP, databases, and collateral materials for the public meetings.

CES Construction: Sharon was the Public Involvement Manager for four Seacoast Utilities projects in Palm Beach Gardens: Garden Isles Water Main Replacement project; Juno Isles East Water Main Replacement project; Captains Key Water Main Replacement project; and Crystal Pointe Water Main Replacement project. She is responsible for Quality Assurance and Quality Control.



MERCHANT STRATEGY

Cheryl Scott



Experienced Operations and Project Manager

Basis for Team Selection

Project Schedules

Task Sheets

Invoices

Accounts Receivable/Payable

Insurance

Education Experience

Michigan State University Bachelor's

Degree in Communications

Oakland University

Associate of Arts Degree in

Journalism

Experienced Leader

Office Policy and Procedures

Strategic Planning

RFP Preparation

Professional Credentials

FHWA Bikeway Selection Guide

Workshop Certification

Jim Moran Institute for Global

Leadership Small Business

Executive Program

Summary:

Cheryl is responsible for all operational processes and procedures. Her 20 plus years of administrative and management experience makes her a valuable asset to TMS. Cheryl supports TMS President, Sharon Merchant, in project management by creating and maintaining project schedules and keeps the prospect pipelines up to date. She is responsible for contract administration and project management. All critically important office decisions are made with input from Cheryl.

Public Involvement Experience:

ICE Engineering: Cheryl is the Public Involvement Manager for the Jasper County SC Transportation and Greenbelt Sales Tax Program. She is responsible for development and maintenance of an interactive website, and development of collateral materials including a Public Involvement Plan (PIP), and informational mailers. She will provide meeting logistics and attend meetings to assist and take notes. Cheryl is also monitoring a project hotline.

Holtz Consulting Engineers: Cheryl is the Public Involvement Officer for the City of Port St. Lucie Rangeline 9 Wells project. She is responsible for development of collateral materials, stakeholder identification and outreach, monitoring a hotline and public meeting logistics and attendance.

CES Consultants: Cheryl is the Public Involvement Manager for the Palm Beach County Water Utilities Department Capital Improvement Program project. She is responsible for development of collateral materials, assistance with easement coordination, daily stakeholder communications and outreach, and monitoring a hotline.

Carnahan Proctor and Cross: Cheryl is the Public Involvement Manager for the City of Delray Beach North Swinton Avenue Roadway Underground Utility Improvements construction project. She is responsible for staffing the project hotline and providing monthly reports on the hotline activity. She also developed the informational door hanger and collaterals for the public meeting and provided all logistics for the public meeting. Cheryl is responsible for the maintenance of the project webpage.

Erdman Anthony: Cheryl is the Public Involvement Manager for two FDOT D4 projects: SR-9/I-95 at Palm Beach Lakes Boulevard Interchange Modification and 36th Street North from Australian Avenue to North Flagler Drive. She is responsible for development and maintenance of the Community Awareness Plan (CAP), identifying stakeholders, development of notifications and newsletters, and public meeting logistics and attendance.

Griffin & Strong: Cheryl was the Public Involvement Manager for this City of West Palm Beach Disparity Study. She was responsible for development of the stakeholder database, informational materials, meeting and hearing notices, and attending meetings and hearings.

Cheryl Scott, continued:

Amici Engineering: Cheryl is the Public Involvement Manager for this Seacoast Utility Authority Juno Isles East Water Main Replacement Project. She developed a project webpage and a Public Involvement Plan (PIP). Cheryl staffs a project hotline and will provide monthly progress reports. She will handle logistics for all public meetings and develop necessary collaterals.

Whiting Turner: Cheryl is the Public Involvement Specialist for this City of Hollywood CMAR North Beach Utilities Underground Conversion and Hollywood Beach Utility project. She is responsible for all collateral materials, development of a project webpage, monitoring a project hotline and handling logistics and attending all public meetings.

WGI: Cheryl was the Public Involvement Specialist for this City of Delray Beach North Swinton Avenue Roadway Underground Utility Improvements design project. She developed the project webpage and setup and maintains a project hotline. Cheryl will develop collateral materials such as newsletters, flyers and doorhangers. She will staff public meetings, take notes, and provide a summary to the client.

WGI: Cheryl is the Public Involvement Manager for this City of Port Saint Lucie Hogpen Slough Stormwater Treatment Area project. She is responsible for development of collaterals, a project webpage, setting up and monitoring a project hotline and meeting attendance.

CES Construction: Cheryl was the Public Involvement Specialist for four Seacoast Utilities projects with CES Construction. The projects are the Garden Isles Water Main Replacement project; Juno Isles East Water Main Replacement project; Crystal Pointe Water Main Replacement project; and Captains Key Water Main Replacement project, all located in Palm Beach Gardens. She was responsible for developing collateral materials, databases, and project webpages, as well as maintaining a project hotline. Cheryl will also handle logistics for and attend all public meetings.

AECOM: Cheryl was the Public Involvement Specialist for two projects with AECOM: The Coquina Cove Drainage Project in Boynton Beach, Florida; and the City of Boca Raton General Engineering Contract team as well. She was responsible for development of the project webpages, public meeting logistics and attendance, creating invitations and canvassing the neighborhood for informational purposes.

Kimley Horn: Cheryl is the Public Involvement Manager for this Orange City Septic to Sewer Conversion project. She is responsible for development of collaterals, meeting notices, and a project webpage. Cheryl will set up and monitor a project hotline and will provide logistics and attend public meetings.

The City of Boynton Beach: Cheryl monitored the hotline for two Boynton Beach projects, The Lakeside Gardens Neighborhood Drainage Improvements and Water Main Replacement Scope and Central Seacrest Phase II Scope. Her duties included maintaining hotline logs of all calls and emails, responding to residents' questions and concerns, and providing weekly reports to the client. Cheryl also developed meeting invitations, handled logistics for public meetings and attended the public meetings.

City of Hollywood: Cheryl is the Public Involvement Manager for three projects with the City of Hollywood: The New Police Headquarters project; Traffic Calming Project; and Fletcher Street Wall project. She is responsible for all collateral materials, project webpage development, project hotlines, and handling the logistics for public meetings as well as attending them.

CUMMINS | CEDERBERG

Coastal & Marine Engineering

JORDON CHEIFET, PE, CFM

Senior Coastal Engineer



YEARS OF EXPERIENCE

- 20

EDUCATION

- MSc Ocean and Resources Engineering, University of Hawaii
- BSc Civil Engineering, Pennsylvania State University

LICENSES

- Florida PE No. 72876

CERTIFICATIONS

- Certified Floodplain Manager
- Certified Video Ray ROV Operator
- Surface Supplied Air Underwater Inspection Certification
- Advanced/Rescue/Nitrox SCUBA

PROFESSIONAL AFFILIATIONS

- Association of State Floodplain Managers, Member
- Florida Floodplain Managers Association, Member

Jordon is a marine and coastal engineer with more than 20 years of technical and project management experience, including coastal engineering, beach nourishment design, waterfront structure design, FEMA coastal floodplain mapping, shoreline restoration/stabilization design, numerical modeling, and marina design. His field experience includes underwater waterfront facility inspections, GIS/GPS data collection and analysis, surveying, and construction administration. Jordon is a registered Professional Engineer in the State of Florida, Alabama, and Texas, as well as a Certified Floodplain Manager.

RELEVANT PROJECT EXPERIENCE

Citywide Seawall Assessment, City of Pompano Beach, Florida. Project Manager responsible for leading the engineering condition assessment of 15 City-owned seawalls. The assessment evaluated current condition, estimated remaining design life, and provided preliminary repair and replacement costs to ensure compliance with §151.05 Tidal Flood Barriers. Reconnaissance surveys and engineering dive inspections were completed for approximately 2,900 linear feet of seawalls. LiDAR data was processed to develop a Digital Elevation Map. An inspection report detailed observations, service life estimates, and prioritized recommendations for rehabilitation or replacement, with findings incorporated into the City's Capital Improvement Plan.

City of West Palm Beach Pilot Seawall Elevation Project, West Palm Beach, Florida. The Pilot Project includes replacement of ~1,700LF of seawall at a higher elevation and adding living shoreline components to support the City's efforts to provide additional protection to upland infrastructure to reduce flooding from sea level rise, storm surge, and wave overtopping. Project manager and EOR responsible for public outreach, concept design, field investigations, engineering design, bidding and construction support services.

City of Deerfield Beach Stormwater Master Plan, Deerfield Beach, Florida. Conducted a field investigation to evaluate existing coastal stormwater and flood defense structures in tidal waters relative to service life for the City. The project included a detailed analysis of historical water levels to establish design water levels based on king tides, storm events, and long-term sea level rise projections. Recommendations for maintenance and repairs were summarized in a Coastal Condition and Resiliency Report.

Tidal Flood Mitigation and Shoreline Protection, Hollywood, Florida. The project consists of evaluating 22 areas, covering over 10,000 LF of shoreline, along the areas known as North and South Lake. Each area will have specific solutions to address seasonal flooding challenges, which may entail the design and implementation of varied shoreline protection infrastructure such as of living shorelines, rock revetments, and bulkheads, to meet the requirements of the new Broward County ordinance. Jordon has performed upland and in-water engineering site inspections along City owned shoreline to evaluate conditions of existing seawalls and revetments.

CUMMINS | CEDERBERG

Coastal & Marine Engineering

GINA CHIELLO, WEDG

Senior Marine Scientist & Environmental Permitting



YEARS OF EXPERIENCE

• 17

EDUCATION

- Graduate Certificate, Geographic Information Systems, Florida Atlantic University
- BSc Marine Biology, University of West Florida

CERTIFICATIONS

- NAUI Rescue Diver; PADI Enriched Air Nitrox Diver (IAND/EANx)
- AAUS Scientific Diver Compliant
- FDEP Stormwater, Erosion and Sedimentation Control Inspector
- Waterfront Edge Design Guidelines Associate

PROFESSIONAL AFFILIATIONS

- American Academy of Underwater Sciences
- Florida Association of Environmental Professionals, Treasure Coast Chapter, Past President
- Florida Association of Environmental Professionals, President
- Urban Land Institute SE Florida/Caribbean
- Leadership Institute Alumni
- Environmental and Land Use Law Section of the Florida Bar
- Leadership Palm Beach County, Alumni

Gina, a Senior Director and marine scientist with over 17 years of experience, specializes in regulatory permitting, mitigation planning, habitat characterization, and marine resource surveying across South Florida and the Caribbean. A former reviewer for the Florida Department of Environmental Protection (FDEP), she brings deep expertise in environmental regulations and complex coastal projects, including seagrass mapping, restoration, and monitoring. Her strong background in regulatory permitting and the coastal and marine environment enables her to successfully lead complex projects while navigating strict regulatory frameworks. Gina specializes in planning and implementing seagrass mapping, restoration, and monitoring, ensuring effective management and preservation of marine ecosystems.

RELEVANT PROJECT EXPERIENCE

City of West Palm Beach Pilot Seawall Elevation Project, West Palm Beach, Florida. The Pilot Project includes replacement of ~ 1,700 LF of seawall at a higher elevation and adding living shoreline components to support the City's efforts to provide additional protection to upland infrastructure to reduce flooding from sea level rise, storm surge, and wave overtopping. As co-project manager and senior environmental oversight responsible for public outreach, environmental feasibility, concept design, marine resource surveying, and environmental permitting.

Mockingbird Lane Drainage Improvements, Martin County, Florida. Responsible for conducting a mangrove survey and permitting drainage improvements for a residential neighborhood located in a priority area identified during a sea level rise analyses performed under the "Resilient Martin" program. The project includes raising the road, installing culverts and installing a retaining wall. An old mosquito ditch with dense mangrove trees borders the road and will be impacted. Mitigation planning is also part of the scope of work. Design and agency (FDEP, USACE, Martin County) pre-application meetings are underway.

Currie Park Redevelopment, City of West Palm Beach, Florida. Currie Park is a 16-acre public waterfront park. The city is preparing an adaptive redesign of the park to mitigate flooding from rainfall, king tides, and sea level rise. Project manager responsible for the coastal components (e.g. rock revetment, living shoreline, boat ramp improvements, kayak launches, new over water piers and boardwalks, and "social" steps down to the water) of the project's master plan including but not limited to permitting feasibility, concept planning, marina implementation strategy, public outreach interpretation and grant funding options master plan completed 2021. Currently, project manager responsible for fieldwork, engineering, permitting, and grant management to implement the master plan. State permits secured and federal permit underway. Additionally, assisted with securing a DEO grant which was awarded to the project in the amount of \$16M.

Miami Shores Bayfront Park, Miami Shores, Florida. Responsible for providing oversight for field investigations and permitting with DERM, FDEP and USACE for replacement of 880 LF of bulkhead at a public park. DERM, FDEP, and USACE permitting is underway.

CUMMINS | CEDERBERG

Coastal & Marine Engineering

JONATHON A. CUNNINGHAM, PE

Senior Marine Structural Engineer



YEARS OF EXPERIENCE

• 8

EDUCATION

- BSc, Civil Engineering, Pennsylvania State University
- MSc, Civil Engineering, Johns Hopkins University

LICENSES

- Florida PE No. 92073
- Advanced Open Water Scuba

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (ASCE)
- Florida Association of Environmental Professionals (FAEP)



Jon is a senior engineer with experience in planning, engineering analysis, structural design, construction administration, and above- and below-water inspection, for marine and waterfront projects. He holds a bachelor's degree in civil engineering with a structural engineering concentration from Penn State University and a master's degree in civil engineering from Johns Hopkins University. Jon has eight years of experience as a structural engineer in building and marine/waterfront projects. Jon has completed and assisted with marine structure projects in the United States, Bahamas and Turks & Caicos Islands, including marinas, ports, mooring dolphins, bulkheads, seawalls, docks and piers.

RELEVANT PROJECT EXPERIENCE

Citywide Strategic Seawall Capital Improvement Plan, St. Petersburg, Florida. Providing coastal and marine engineering services to assess and classify the condition of approximately 72,000 LF (13.6 miles) of municipal seawalls. This strategic seawall capital improvement plan addresses rising sea levels and increased severe storm events, aligns with the City's vision for the seawalls by neighborhood and downtown waterfront district, and includes the development of a GIS database, a coastal design toolbox, and prioritization of repairs and/or replacements based on available funding. Conducted above and below-water inspections, documented the condition of each seawall in detail, and compiled a comprehensive report of findings, highlighting critical areas needing immediate attention and those requiring long-term maintenance.

Fincantieri Shipyard, Jacksonville, Florida. Provided structural/marine engineering services for leading the design of nearly 2,000 LF of steel pipe bulkhead, mooring dolphins to accommodate the +/- 500 ft long dry dock facility, dredging along the length of the bulkhead, as well as fendering and mooring bollards. Services included marine structural engineering design and construction administration services.

Derecktor Shipyards Travel Lift Design, Ft. Pierce, Florida. Marine engineering design and construction administration services for a new haul-out basin within an existing port pier and relieving platform to consist of auger cast-in-place pile foundations, pre-stressed pre-cast square concrete pile foundations, and reinforced concrete relieving platform slab for support a 1500-ton mobile boat hoist.

Coronado Seawall and Marina, Highland Beach, Florida. Provided marine engineering and structural design for a 450 LF of steel sheet pile and concrete pile supported seawall and (9) fixed wood finger docks. Services performed above and below-water inspection, design, and construction administration services.

Colonial Club Seawall Repair and Replacement, Boynton Beach, Florida. Initially performed above and below water inspection for a 1,500 LF seawall in need of repair. Designed the new seawall consisting of AZ hot-rolled steel sheet pile, pre-stressed concrete batter piles, and a steel reinforced cap. Construction administration services were also performed as well as a serving as Special Inspector for the marine structural components during construction.

CUMMINS | CEDERBERG

Coastal & Marine Engineering

JACK HODGES, PE

Construction Administration



YEARS OF EXPERIENCE

• 6

EDUCATION

- BSc, Florida International University

LICENSES

- Florida PE No. 92073

CERTIFICATIONS

- Asphalt Paving Level 1
- Concrete Field Testing Grade 1
- FDOT Concrete Field Inspector Specification
- Earthwork Construction Level 1
- FDOT Intermediate MOT



Jack has over 6 years of experience in construction engineering inspection and civil infrastructure design, with a focus on complex airport, municipal, and coastal projects. He has overseen large-scale airfield pavement reconstruction, utility realignment, and lighting system upgrades, ensuring compliance through rigorous material testing and quality control. His work includes managing water main replacements, seawall and dock inspections, and reinforced concrete evaluations, as well as preparing engineering reports and coordinating permitting with regulatory agencies. Jack also contributes to resiliency planning by analyzing flood mitigation concepts and developing detailed cost estimates for infrastructure adaptation strategies.

RELEVANT PROJECT EXPERIENCE

Currie Park Redevelopment, West Palm Beach, Florida. Currie Park is a 16-acre public waterfront park. Currie Park is a 16-acre public waterfront park. The City is preparing an adaptive redesign of the park to mitigate flooding from rainfall, king tides, and sea level rise. Responsible for the construction administrative tasks for this project including coordination with contractors, construction oversight, field reporting, quality assurance, responding to submittals and RFIs, reviewing pay applications, progress tracking, and ensuring compliance with project specifications and environmental regulations.

Porto Vita Condominium, Aventura, Florida. Marine engineering and structural design of 1,300 LF of shoreline incorporating a steel sheet pile seawall with concrete pile supports, 300 square ft. of fixed concrete finger and marginal docks, (17) steel pipe fender piles, and repairs to the existing fixed floating docks. Responsible for the construction administration tasks for this project including coordinating site visits with the contractor, field reporting, reviewing pay applications, and conducting rebar inspections of the reinforcement in the proposed seawall cap sections.

Sunset Harbour Yacht Club Repairs, Miami Beach, Florida. Providing marine engineering and construction administration services for the dock systems. The project involves continuous inspections and repairs to the concrete seawalls and dock systems for the marina. Responsible for site visits; providing analysis of seawall and concrete dock repairs, crack and spall repair tracking, and field reporting.

Bayfront Park Docks Inspection, Miami, Florida. Performed above- and below-water inspection of three fixed docks, two northernmost docks of approximately 2,500 SF each and one southern dock of approximately 3,000 SF. Responsible for inspecting deteriorating dock structures and assisted with the engineering report, which included an assessment of the existing docks and recommendations for repairs or replacement.



McKIM & CREED

8

OFFICE LOCATIONS

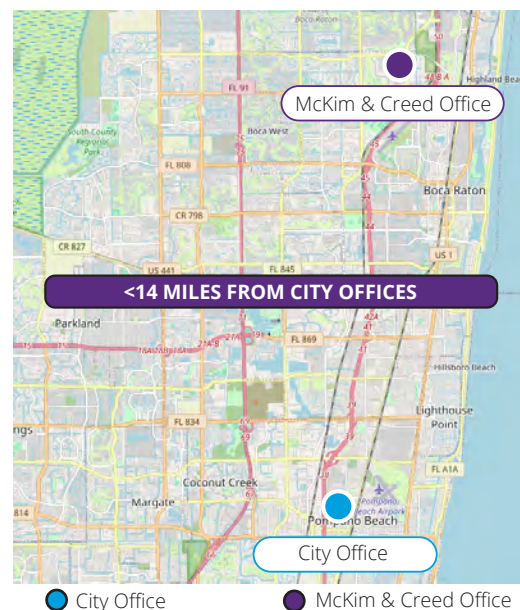
8 OFFICE LOCATIONS

The City of Pompano Beach recognizes the value of partnering with a firm that offers the experience, bench strength, and resources to support a wide range of general engineering assignments. As a local firm, Mckim & Creed brings proven qualifications, knowledgeable personnel, and institutional familiarity with the city's Infrastructure systems—offering added value from day one.

PRIME OFFICE

The contract will be managed, and the services will be based, from our Boca Raton office (6501 Congress Ave Ste 100, Boca Raton, FL 33487). The office is less than fourteen miles from City offices, staffed with engineers and designers. Mr. Omar Khan, PE, our proposed project manager, is permanently assigned to the Boca Raton office. **Omar lives 11 miles from the City's offices and can be onsite at a moment's notice.**

The majority of our key personnel are stationed within the local area. This is how we have served clients in the South Florida area for the last 20 years. We have a track record of demonstrating efficient and effective project execution utilizing our local staff to support the needs of our clients. **We have strengthened our proposed team by including strong local subconsultants to provide support services as well as achieve the City's MWBE utilization goals.**



*Office Location (County)	Proposed Key Personnel
Palm Beach County	Omar Khan Mario Loaiza Chase Dickinson Ryan Robinson

SUBCONSULTANT LOCATIONS

Image | Mckim & Creed Florida Offices

Mckim & Creed carefully selected subconsultants who are not only **local to the tri-county area but also share our commitment to excellence and quality.** These firms bring deep familiarity with Mckim & Creed's processes and standards, ensuring seamless collaboration throughout the project. Their knowledge of South Florida's unique geographic, environmental, and regulatory nuances allows us to anticipate challenges and deliver solutions tailored to the region's specific needs.

Company	Address	Office Location (County)	No. of Staff at Location
Cotleur & Hearing	1934 Commerce Lane, Suite 1 Jupiter, FL 33458	Palm Beach County	40
Nutting Engineering	111 SW 1st St, Dania Beach, FL 33004	Broward County	35
The Merchant Strategy	5255 NW 33rd Avenue Ft. Lauderdale, FL 33309	Broward County	2
Cummins Cederberg	888 S Andrews Ave, Fort Lauderdale, FL 33316	Broward County	23



9 CITY & LOCAL BUSINESS FORMS

TIER 1/TIER 2 COMPLIANCE FORM

IN ORDER FOR YOUR FIRM TO COMPLY WITH THE CITY'S LOCAL BUSINESS PROGRAM AS A TIER 1 OR TIER 2 VENDOR, BIDDERS MUST COMPLETE THE INFORMATION BELOW AND UPLOAD THE FORM TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

TIER 1 LOCAL VENDOR

☐ My firm has maintained a permanent place of business within the city limits and maintains a staffing level, within this local office, of at least 10 % who are residents of the City of Pompano Beach.

And/Or

☐ My firm has maintained a permanent place of business within the city limits and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 10 % of the contract value.

Or

☒ My firm does not qualify as a Tier 1 Vendor.

TIER 2 LOCAL VENDOR

☐ My firm has maintained a permanent place of business within Broward County and maintains a staffing level, within this local office, of at least 15% who are residents of the City of Pompano Beach

And/Or

☐ My firm has maintained a permanent place of business within Broward County and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 20% of the contract value.

Or

☒ My firm does not qualify as a Tier 2 Vendor.

I certify that the above information is true to the best of my knowledge.

12-18-2025
(Date)

McKim & Creed, Inc.
(Name of Firm)

BY: Mario Loaiza
(Name)

LOCAL BUSINESS EXHIBIT "A"
CITY OF POMPANO BEACH, FLORIDA
LOCAL BUSINESS PARTICIPATION FORM

Solicitation Number & Title: RLI 26-003 CONTINUING CONTRACT FOR CIVIL ENGINEERING SERVICES (CCNA) Prime Contractor's Name: McKim & Creed, Inc.

<u>Name of Firm, Address</u>	<u>Contact Person, Telephone Number</u>	<u>Type of Work to be Performed/Material to be Purchased</u>	<u>Contract Amount or %</u>
N/A - No Tier 1 Local Vendors	N/A	N/A	N/A

LOCAL BUSINESS EXHIBIT "A"

LOCAL BUSINESS EXHIBIT "B"
LOCAL BUSINESS
LETTER OF INTENT TO PERFORM AS A LOCAL SUBCONTRACTOR

Solicitation Number RLI 26-003

TO: N/A - No Tier 1 Local Vendors
(Name of Prime or General Bidder)

The undersigned City of Pompano Beach business intends to perform subcontracting work in connection with the above contract as (check below)

☐ an individual

☐ a corporation

☐ a partnership

☐ a joint venture

The undersigned is prepared to perform the following work in connection with the above Contract, as hereafter described in detail:

N/A

at the following price: _____

(Date)

N/A

(Print Name of Local Business Contractor)

N/A

(Street Address)

N/A

(City, State Zip Code)

BY: N/A

(Signature)

IMPORTANT NOTE: Signatures on this form MUST be by an authorized employee of Subcontractor and must be uploaded to the Response Attachment Tab

LOCAL BUSINESS EXHIBIT "B"

LOCAL BUSINESS EXHIBIT "C"LOCAL BUSINESS
UNAVAILABILITY FORMBID # RLI 26-003I, Mario E. Loaiza, Regional Manager
(Name and Title)of McKim & Creed, Inc., certify that on the 18 day of
December, 2025, I invited the following LOCAL BUSINESSES to bid work
items to be performed in the City of Pompano Beach:

Business Name, Address	Work Items Sought	Form of Bid Sought (i.e., Unit Price, Materials/Labor, Labor Only, etc.)
<u>N/A - No Tier 1 Local Vendors Identified</u>		

Said Local Businesses:

- ☐ Did not bid in response to the invitation
- ☐ Submitted a bid which was not the low responsible bid
- ☒ Other: N/A - No Tier 1 Local Vendors Identified

Name and Title: Mario Loaiza | Regional Manager, Florida EastDate: 12-18-25

Note: Attach additional documents as available.

LOCAL BUSINESS EXHIBIT "D"
GOOD FAITH EFFORT REPORT
LOCAL BUSINESS PARTICIPATION

BID # RLI 26-003

1. What portions of the contract have you identified as Local Business opportunities?
 1. Geotechnical Boring/Environmmnetal Engineering

 2. Landscape Architecture

 3. Coastal Engineering

 4. Public Outreach

2. Did you provide adequate information to identified Local Businesses? Please comment on how you provided this information.
N/A - No Tier 1 Local Vendors Identified

3. Did you send written notices to Local Businesses?
 ____ Yes X No
 If yes, please include copy of the notice and the list of individuals who were forwarded copies of the notices.

4. Did you advertise in local publications?
 ____ Yes X No
 If yes, please attach copies of the ads, including name and dates of publication.

5. What type of efforts did you make to assist Local Businesses in contracting with you ? McKim & Creed reviewed the local vendor directory and determined that no Tier 1 firms could effectively fulfill the identified subcontracting scopes.
 7. List the Local Businesses you will utilize and subcontract amount.
 _____ \$ _____
 _____ \$ _____
 _____ \$ _____

8. Other comments: In lieu of not finding any Tier 1 vendors who meet the specifications identified, McKim & Creed has ensured that subcontracting opportunities

LOCAL BUSINESS EXHIBIT "D" – Page 2

were awarded to vendors local to the South Florida tricounty area,
with the majority of subconsultants located in Broward County.



December 18, 2025

City of Pompano Beach
 Procurement & Contracts Division
 1010 NE 3rd Avenue
 Pompano Beach, FL 33060

**RE: RLI 26-003 - Continuing Contract For Civil Engineering Services (CCNA)**

Dear Members of the Selection Committee:

The City of Pompano Beach is entering a transformative period in the renewal and modernization of its water, wastewater, stormwater, roadway, and community infrastructure. McKim & Creed is honored to submit our Letter of Interest for RLI 26-003 and to offer a multidisciplinary team that is fully prepared to support the City's ambitious goals with dependable delivery, technical excellence, and a genuine commitment to partnership.

ALIGNMENT WITH THE CITY'S CAPITAL IMPROVEMENT PLAN (CIP) | We recognize that the FY 2026–2030 CIP prioritizes system resiliency, regulatory readiness, operational reliability, and long-term asset stewardship. Many of the City's major investments such as force main assessment and replacement, lift station rehabilitation, water main upgrades, reuse expansion, stormwater retrofits, wellfield performance studies, and water treatment facility improvements fall within McKim & Creed's core strengths.

Our team includes specialists in water and reclaimed water distribution, wastewater conveyance, pumping facilities, drainage, resiliency planning, facility evaluations, permitting, and construction-phase support. We are ready to integrate seamlessly into the City's five-year program and advance projects immediately.

LOCAL PRESENCE AND COMMUNITY PARTNERSHIP | McKim & Creed operates daily from our Boca Raton office which allows for rapid response, in-person collaboration, and familiarity with the City's utility systems, neighborhoods, permitting authorities, and expectations for transparency and service.

Your proposed Project Manager, Omar Khan, PE, having lived in Broward County for the majority of his working career, understands the unique operational challenges of coastal South Florida. Omar, together with the full McKim & Creed team, will bring a personalized, highly skilled, and hands-on approach to every Pompano Beach project. We view every work order, whether large or small, as an opportunity to strengthen your systems, support your staff, and serve Pompano Beach residents with excellence, reliable budget control, with the large majority of assignments delivered at or below the authorized work-order value.

ON-TIME & ON-BUDGET DELIVERY | Your evaluation criteria emphasize the importance of performance. Our record speaks clearly. Under continuing contracts statewide, McKim & Creed has delivered:

- » 2,000+ assignments under CCNA-type continuing service contracts.
- » Minimal change orders, in many cases less than 2 percent.
- » Early delivery of key CIP projects such as pump stations, roadway utility relocations, force mains, stormwater retrofits, and emergency repair inspections.

Our discipline comes from a structured QA/QC process, early risk identification, and fast-track work-order mobilization that ensures work begins within days of authorization.

**MCKIM & CREED
BY THE NUMBERS**

47

YEARS IN
BUSINESS

36

U.S. OFFICES

1000+

PROFESSIONALS

220+

LICENSED P.E.'S

140+

P.L.S. LICENSES

17

LEED
PROFESSIONALS

DEPTH & QUALIFICATIONS OF TEAM | We are proposing a senior, Florida-licensed project manager and principal-in-charge supported by discipline leads in civil, roadway, utilities, stormwater, electrical, structural, and environmental engineering. The team mirrors the organization used successfully on other municipal continuing contracts, giving Pompano Beach:

- » Depth for parallel task orders.
- » Backup coverage for schedule continuity.
- » Full in-house capabilities (civil, survey, SCADA/I&C, structural, mechanical, permitting, SUE, and GIS).

Resumes, an organizational chart, and license documentation are included as required.

SEAMLESS INTEGRATION WITH CITY SYSTEMS | We will fully adopt the City's web-based project management platform for RFIs, submittals, daily logs, schedules, and close-out deliverables. Our internal systems align directly with the City's workflow for:

- » Design development and review.
- » Permit package preparation.
- » Construction phase coordination.
- » As-built documentation and certified record drawings (AutoCAD DWG 2011+/GIS).

A sample project timeline and deliverable checklist are included in our response.

RISK MITIGATION, COMPLIANCE & PREPAREDNESS | McKim & Creed meets all CCNA requirements, carries all mandated insurance, and maintains full bonding capacity. Our work will include:

- » Early risk workshops for every work order.
- » A structured change-order mitigation plan.
- » Rapid-response capabilities for emergency water, wastewater, stormwater, and infrastructure repairs.
- » Proven experience with drainage, pump station rehabilitation, and utility replacement work, all supporting the City's diverse infrastructure needs.

COMPETITIVE PRICING & TRANSPARENT WORK

AUTHORIZATION | We support the City's need for clarity, predictability, and fairness. Our proposal includes:

- » A clean, competitive rate schedule.
- » Optional fixed-fee templates for common task orders.
- » A demonstrated history of negotiating work authorizations efficiently and staying within CCNA limits.

Our structure keeps overhead low and passes savings directly to the City.

YOUR PARTNER FOR "CITY-SCALE" CIVIL

ENGINEERING | We understand the pace, expectations, transparency, and accountability required by Pompano Beach. Our commitment is simple:

- » Local, responsive, municipal-grade civil engineering with turn-key survey-to-design delivery.
- » Proven track record delivering Pompano Beach-scale projects on time and on budget with disciplined QA/QC.
- » Committed to Pompano Beach's local staff, local subcontractors, and measurable participation under the City's Local Business Program.

Thank you for your consideration. We would be honored to support the City and CRA through this continuing services contract.

Sincerely,

McKim & Creed, Inc.



Omar Khan, PE
Project Manager



Mario E. Loaiza, PE, F.ASCE
Principal-in-Charge

Acknowledgement of Addendum

- | | |
|-------------------------------------|------------|
| ☒ | Addendum 1 |
| ☒ | Addendum 2 |
| ☒ | Addendum 3 |

RFP RLI 26-003, CONTINUING CONTRACT FOR CIVIL ENGINEERING SERVICES (CCNA)
(number) (RFP name)

The below named company hereby agrees to furnish the proposed services under the terms stated subject to all instructions, terms, conditions, specifications, addenda, legal advertisement, and conditions contained in the RFP. I have read the RFP and all attachments, including the specifications, and fully understand what is required. By submitting this proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this proposal.

Name (printed) **Mario E. Loaiza** Title **Regional Manager • Water**

Company (Legal Registered) McKim & Creed, Inc.

Federal Tax Identification Number 56-2136769

Address 6501 Congress Ave. #160

City/State/Zip Boca Raton, FL 33487

Telephone No. 386.274.2828 Fax No. 386.274.1393

Email Address **mloaiza@mckimcreed.com**

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RLI IN THE EBID SYSTEM.

PROJECT TEAM

RLI NUMBER 26-003

Federal I.D.# 56-2136769

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	Mario Loaiza, PE	29	B.S.
Project Manager	Omar Khan, PE	18	B.S.
Asst. Project Manager	Chase Dickinson, PE	13	B.S.
Other Key Member	Dave Ubert, PE	33	B.S.
Other Key Member	Ryan Robinson, CCST II	19	B.S.

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	McKim & Creed, Inc. 6501 Congress Ave. #160 Boca Raton, FL 33487	Sam Hall, PSM
Landscaping	Cotleur & Hearing 1934 Commerce Lane, Suite 1 Jupiter, FL 33458	Don Hearing, PLA, ASLA, LEED AP
Engineering	Nutting Engineers 111 SW 1st St, Dania Beach, FL 33004	Richard C. Wohlfarth, PE
Other Key Member	The Merchant Strategy 5255 NW 33rd Avenue Ft. Lauderdale, FL 33309	Sharon Merchant
Other Key Member	Cummins Cederberg 888 S. Andrews Ave., Ste. 206 Ft. Lauderdale, Florida 33316	Jordon Cheifit, PE, CFM
Other Key Member		
Other Key Member		

(use attachments if necessary)

Bidder Company Name McKim & Creed, Inc.**Qualifications Of Bidders**

To demonstrate qualifications to perform the work, and to be considered for award, each bidder shall submit at least three (3) business customer references. Provide information for business customers for whom you have performed work of this nature which you list as references, excluding the City of Pompano Beach. (Use an attachment if necessary.)

1. Name and address of customer: City of Miramar
2300 Civic Center Place Miramar, FL 33025

Contact person name, telephone number and email address: Denis Marcelin
mpdenis@miramarfl.gov | 954.883.5022

Description of services provided and date(s) of service: 2022-2022

DMA Pilot and Leak Detection Survey. 289 distribution leaks and 30 customer leaks were identified. Nearly all of the leaks had no significant visible water at the surface. During the repair efforts, our team was able to pinpoint the exact location of 90% of the leaks for the City.

2. Name and address of customer: City of Deerfield Beach
290 Goolsby Blvd. Deerfield Beach, FL 33442

Contact person name, telephone number and email address: Larry Koontz
lkoontz@deerfield-beach.com | 954.931.2818

Description of services provided and date(s) of service: 2021-Ongoing

Professional engineering services including; water treatment and distribution, wastewater collection and treatment, stormwater infrastructure, system maintenance, capital improvements, billing, customer service, and environmental compliance.

3. Name and address of customer: City of North Lauderdale
701 SW 71st Avenue North Lauderdale, FL 33068

Contact person name, telephone number and email address: Sam May
smay@northlauderdale.org | 954.597.4756

Description of services provided and date(s) of service: 2023-2023

McKim & Creed provided a water masterplan and grant applications for the City of North Lauderdale. The plan included water treatment, alternative treatment options and a cost benefit analysis of all options. The City used this information to obtain \$7 Million in grant funds.

Request for Taxpayer Identification Number and Certification

Go to www.irs.gov/FormW9 for instructions and the latest information.

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

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type.
See Specific Instructions on page 3.

1	Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.) McKim & Creed, Inc.
2	Business name/disregarded entity name, if different from above.
3a	Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes. ☐ Individual/sole proprietor ☒ C corporation ☐ S corporation ☐ Partnership ☐ Trust/estate ☐ LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) _____ Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. ☐ Other (see instructions) _____
4	Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) N/A Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) N/A <i>(Applies to accounts maintained outside the United States.)</i>
3b	If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions. ☐
5	Address (number, street, and apt. or suite no.). See instructions. 4300 Edwards Mill Rd, Suite 200
6	City, state, and ZIP code Raleigh, NC 27612
7	List account number(s) here (optional)
Requester's name and address (optional) Remittance Address Only PO Box 6193 Hermitage, PA 16148-0922	

Part I Taxpayer Identification Number (TIN)

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

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

Social security number									
or									
Employer identification number									
5	6		2	1	3	6	7	6	9

Part II Certification

Under penalties of perjury, I certify that:

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

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

Sign Here Signature of U.S. person *Dan D. Ser.*

Date *01/01/25*

General Instructions

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

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

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

must obtain your correct taxpayer identification number (TIN), which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid).
- Form 1099-DIV (dividends, including those from stocks or mutual funds).
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds).
- Form 1099-NEC (nonemployee compensation).
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers).
- Form 1099-S (proceeds from real estate transactions).
- Form 1099-K (merchant card and third-party network transactions).
- Form 1098 (home mortgage interest), 1098-E (student loan interest), and 1098-T (tuition).
- Form 1099-C (canceled debt).
- Form 1099-A (acquisition or abandonment of secured property).

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

Caution: If you don't return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding*, later.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued);
2. Certify that you are not subject to backup withholding; or
3. Claim exemption from backup withholding if you are a U.S. exempt payee; and
4. Certify to your non-foreign status for purposes of withholding under chapter 3 or 4 of the Code (if applicable); and
5. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting is correct. See *What Is FATCA Reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Establishing U.S. status for purposes of chapter 3 and chapter 4 withholding. Payments made to foreign persons, including certain distributions, allocations of income, or transfers of sales proceeds, may be subject to withholding under chapter 3 or chapter 4 of the Code (sections 1441-1474). Under those rules, if a Form W-9 or other certification of non-foreign status has not been received, a withholding agent, transferee, or partnership (payor) generally applies presumption rules that may require the payor to withhold applicable tax from the recipient, owner, transferor, or partner (payee). See Pub. 515, *Withholding of Tax on Nonresident Aliens and Foreign Entities*.

The following persons must provide Form W-9 to the payor for purposes of establishing its non-foreign status.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the disregarded entity.
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the grantor trust.
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust and not the beneficiaries of the trust.

See Pub. 515 for more information on providing a Form W-9 or a certification of non-foreign status to avoid withholding.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person (under Regulations section 1.1441-1(b)(2)(iv) or other applicable section for chapter 3 or 4 purposes), do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515). If you are a qualified foreign pension fund under Regulations section 1.897(l)-1(d), or a partnership that is wholly owned by qualified foreign pension funds, that is treated as a non-foreign person for purposes of section 1445 withholding, do not use Form W-9. Instead, use Form W-8EXP (or other certification of non-foreign status).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a saving clause. Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if their stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first Protocol) and is relying on this exception to claim an exemption from tax on their scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include, but are not limited to, interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third-party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester;
2. You do not certify your TIN when required (see the instructions for Part II for details);
3. The IRS tells the requester that you furnished an incorrect TIN;
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only); or
5. You do not certify to the requester that you are not subject to backup withholding, as described in item 4 under "*By signing the filled-out form*" above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate instructions for the Requester of Form W-9 for more information.

See also *Establishing U.S. status for purposes of chapter 3 and chapter 4 withholding*, earlier.

What Is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all U.S. account holders that are specified U.S. persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you are no longer tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account, for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

• **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note for ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040 you filed with your application.

• **Sole proprietor.** Enter your individual name as shown on your Form 1040 on line 1. Enter your business, trade, or "doing business as" (DBA) name on line 2.

• **Partnership, C corporation, S corporation, or LLC, other than a disregarded entity.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

• **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. Enter any business, trade, or DBA name on line 2.

• **Disregarded entity.** In general, a business entity that has a single owner, including an LLC, and is not a corporation, is disregarded as an entity separate from its owner (a disregarded entity). See Regulations section 301.7701-2(c)(2). A disregarded entity should check the appropriate box for the tax classification of its owner. Enter the owner's name on line 1. The name of the owner entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For

example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2. If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, enter it on line 2.

Line 3a

Check the appropriate box on line 3a for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3a.

IF the entity/individual on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation.
• Individual or	Individual/sole proprietor.
• Sole proprietorship	
• LLC classified as a partnership for U.S. federal tax purposes or	Limited liability company and enter the appropriate tax classification:
• LLC that has filed Form 8832 or 2553 electing to be taxed as a corporation	P = Partnership, C = C corporation, or S = S corporation.
• Partnership	Partnership.
• Trust/estate	Trust/estate.

Line 3b

Check this box if you are a partnership (including an LLC classified as a partnership for U.S. federal tax purposes), trust, or estate that has any foreign partners, owners, or beneficiaries, and you are providing this form to a partnership, trust, or estate, in which you have an ownership interest. You must check the box on line 3b if you receive a Form W-8 (or documentary evidence) from any partner, owner, or beneficiary establishing foreign status or if you receive a Form W-9 from any partner, owner, or beneficiary that has checked the box on line 3b.

Note: A partnership that provides a Form W-9 and checks box 3b may be required to complete Schedules K-2 and K-3 (Form 1065). For more information, see the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

If you are required to complete line 3b but fail to do so, you may not receive the information necessary to file a correct information return with the IRS or furnish a correct payee statement to your partners or beneficiaries. See, for example, sections 6698, 6722, and 6724 for penalties that may apply.

Line 4 Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third-party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space on line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2).

- 2—The United States or any of its agencies or instrumentalities.
- 3—A state, the District of Columbia, a U.S. commonwealth or territory, or any of their political subdivisions or instrumentalities.
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities.
- 5—A corporation.
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or territory.
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission.
- 8—A real estate investment trust.
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940.
- 10—A common trust fund operated by a bank under section 584(a).
- 11—A financial institution as defined under section 581.
- 12—A middleman known in the investment community as a nominee or custodian.
- 13—A trust exempt from tax under section 664 or described in section 4947.

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
• Interest and dividend payments	All exempt payees except for 7.
• Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
• Barter exchange transactions and patronage dividends	Exempt payees 1 through 4.
• Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5. ²
• Payments made in settlement of payment card or third-party network transactions	Exempt payees 1 through 4.

¹ See Form 1099-MISC, Miscellaneous Information, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) entered on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37).

B—The United States or any of its agencies or instrumentalities.

C—A state, the District of Columbia, a U.S. commonwealth or territory, or any of their political subdivisions or instrumentalities.

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i).

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i).

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state.

G—A real estate investment trust.

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940.

I—A common trust fund as defined in section 584(a).

J—A bank as defined in section 581.

K—A broker.

L—A trust exempt from tax under section 664 or described in section 4947(a)(1).

M—A tax-exempt trust under a section 403(b) plan or section 457(g) plan.

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, enter "NEW" at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have, and are not eligible to get, an SSN, your TIN is your IRS ITIN. Enter it in the entry space for the Social security number. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/EIN. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or Form SS-4 mailed to you within 15 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and enter "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, you will generally have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon. See also *Establishing U.S. status for purposes of chapter 3 and chapter 4 withholding*, earlier, for when you may instead be subject to withholding under chapter 3 or 4 of the Code.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third-party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLE accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
6. Sole proprietorship or disregarded entity owned by an individual	The owner ³
7. Grantor trust filing under Optional Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))**	The grantor ⁴

For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity ⁴
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing Form 1041 or under the Optional Filing Method 2, requiring Form 1099 (see Regulations section 1.671-4(b)(2)(i)(B))**	The trust

¹List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

²Circle the minor's name and furnish the minor's SSN.

³You must show your individual name on line 1, and enter your business or DBA name, if any, on line 2. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.)

***Note:** The grantor must also provide a Form W-9 to the trustee of the trust.

**For more information on optional filing methods for grantor trusts, see the Instructions for Form 1041.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information, such as your name, SSN, or other identifying information, without your permission to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN.
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax return preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity, or a questionable credit report, contact the IRS Identity Theft Hotline at 800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 877-777-4778 or TTY/TDD 800-829-4059.

Protect yourself from suspicious emails or phishing schemes.

Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 800-366-4484. You can forward suspicious emails to the Federal Trade Commission at spam@uce.gov or report them at www.ftc.gov/complaint. You can contact the FTC at www.ftc.gov/idtheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.IdentityTheft.gov and Pub. 5027.

Go to www.irs.gov/IdentityTheft to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and territories for use in administering their laws. The information may also be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payors must generally withhold a percentage of taxable interest, dividends, and certain other payments to a payee who does not give a TIN to the payor. Certain penalties may also apply for providing false or fraudulent information.



10 FINANCIAL STATEMENTS

A FINANCIAL STATEMENTS COMPLIANCE

McKim & Creed has complied fully with the RFP's requirements for reviewed and audited financial statements. Our most recent audited financials, less than twelve months old and inclusive of all accompanying notes and supplemental information, have been uploaded as a separate file titled "**FINANCIAL STATEMENTS**" and marked "**CONFIDENTIAL**" within the Response Attachments tab of the eBid System.

These documents demonstrate that McKim & Creed is financially solvent, appropriately capitalized, and fully capable of supporting the City of Pompano Beach for the duration of the agreement. We acknowledge the City's right to request additional information and will promptly provide any supplemental documentation needed to confirm our continued financial strength and ability to perform all services required under this contract.



McKIM & CREED

11

INSURANCE / EXHIBIT B

Client#: 216019

20MCKIMCRE

ACORDTM**CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)

9/05/2025

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

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

PRODUCER McGriff, a MMA LLC Company 4309 Emperor Blvd, Suite 300 Durham, NC 27703 919 281-4500	CONTACT NAME: Brittany F Yardley PHONE (A/C, No, Ext): 919 281-4500 FAX (A/C, No): 8887468761 E-MAIL ADDRESS: byardley@mcgriff.com														
INSURED McKim and Creed Inc 4300 Edwards Mill Road Suite 200 Raleigh, NC 27612-3706	<table border="1"> <thead> <tr> <th data-bbox="803 493 1372 525">INSURER(S) AFFORDING COVERAGE</th> <th data-bbox="1372 493 1492 525">NAIC #</th> </tr> </thead> <tbody> <tr> <td data-bbox="803 525 1372 556">INSURER A : Hartford Fire Insurance Company</td> <td data-bbox="1372 525 1492 556">19682</td> </tr> <tr> <td data-bbox="803 556 1372 588">INSURER B : Twin City Fire Insurance Company</td> <td data-bbox="1372 556 1492 588">29459</td> </tr> <tr> <td data-bbox="803 588 1372 619">INSURER C : ACE American Insurance Co</td> <td data-bbox="1372 588 1492 619">22667</td> </tr> <tr> <td data-bbox="803 619 1372 651">INSURER D :</td> <td data-bbox="1372 619 1492 651"></td> </tr> <tr> <td data-bbox="803 651 1372 682">INSURER E :</td> <td data-bbox="1372 651 1492 682"></td> </tr> <tr> <td data-bbox="803 682 1372 693">INSURER F :</td> <td data-bbox="1372 682 1492 693"></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Hartford Fire Insurance Company	19682	INSURER B : Twin City Fire Insurance Company	29459	INSURER C : ACE American Insurance Co	22667	INSURER D :		INSURER E :		INSURER F :	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A : Hartford Fire Insurance Company	19682														
INSURER B : Twin City Fire Insurance Company	29459														
INSURER C : ACE American Insurance Co	22667														
INSURER D :															
INSURER E :															
INSURER F :															

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

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ BI/PD Ded:50000 GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC OTHER:			22CSES90700	09/05/2025	09/05/2026	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 \$
A	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ONLY ☒ NON-OWNED AUTOS ONLY			22CSES90701	09/05/2025	09/05/2026	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☒ RETENTION \$10000			22HV6BJ3ZE6	09/05/2025	09/05/2026	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☒ Y ☒ N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	22WEBH0VPP	09/05/2025	09/05/2026	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
C	Cyber Covera			F1628726A004	09/05/2025	09/05/2026	2,000,000

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

For information use only.

CERTIFICATE HOLDER**CANCELLATION**

McKim & Creed Inc. 4300 Edwards Mill Road Suite 200 Raleigh, NC 27612-3706	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
---	---

© 1988-2015 ACORD CORPORATION. All rights reserved.

ACORD 25 (2016/03) **1 of 1** The ACORD name and logo are registered marks of ACORD
#S38209864/M38171588

KBS



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/3/2025

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

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

PRODUCER Scott Insurance - Raleigh 2501 Blue Ridge Road Suite 250 Raleigh NC 27607		CONTACT NAME: Janica Bolden PHONE (A/C, No, Ext): 615-224-2658 E-MAIL ADDRESS: jbolden@scottins.com FAX (A/C, No):	
		INSURER(S) AFFORDING COVERAGE	NAIC #
		INSURER A : Berkley Assurance Company (A+)	39462
INSURED McKim & Creed, Inc. 4300 Edwards Mill Road, Suite 200 Raleigh NC 27612		INSURER B :	
		INSURER C :	
		INSURER D :	
		INSURER E :	
		INSURER F :	

COVERAGES

CERTIFICATE NUMBER: 369030466

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☐ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS NON-OWNED AUTOS ONLY ☐ HIRED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB ☐ OCCUR EXCESS LIAB ☐ CLAIMS-MADE DED ☐ RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N	N / A				PER STATUTE ☐ OTH-ER ☐ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability			PCAB-5028949-0925	9/5/2025	9/5/2026	Each Claim/Aggregate \$5M / \$10M
A	Contractors Pollution Liab			PCAB-5028949-0925	9/5/2025	9/5/2026	Each Claim/Aggregate \$5M / \$10M Self-Insd Retention \$500K / \$1M

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

CERTIFICATE HOLDER

CANCELLATION

Bid/Proposal Only	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

© 1988-2015 ACORD CORPORATION. All rights reserved.

ACORD 25 (2016/03)

The ACORD name and logo are registered marks of ACORD

EXHIBIT B - Insurance Requirements

CONTRACTOR shall not commence services under the terms of this Agreement until certification or proof of insurance detailing terms and provisions has been received and approved in writing by the CITY's Risk Manager. If you are responding to a bid and have questions regarding the insurance requirements hereunder, please contact the CITY's Purchasing Department at (954) 786-4098. If the contract has already been awarded, please direct any queries and proof of the requisite insurance coverage to CITY staff responsible for oversight of the subject project/contract.

CONTRACTOR is responsible to deliver to the CITY for timely review and written approval/disapproval Certificates of Insurance which evidence that all insurance required hereunder is in full force and effect and which name on a primary basis, the CITY as an additional insured on all such coverage.

Throughout the term of this Agreement, CITY, by and through its Risk Manager, reserve the right to review, modify, reject or accept any insurance policies required by this Agreement, including limits, coverages or endorsements. CITY reserves the right, but not the obligation, to review and reject any insurer providing coverage because of poor financial condition or failure to operate legally.

Failure to maintain the required insurance shall be considered an event of default. The requirements herein, as well as CITY's review or acceptance of insurance maintained by CONTRACTOR, are not intended to and shall not in any way limit or qualify the liabilities and obligations assumed by CONTRACTOR under this Agreement.

Throughout the term of this Agreement, CONTRACTOR and all subcontractors or other agents hereunder shall, at their sole expense, maintain in full force and effect the following insurance coverages and limits described herein, including endorsements.

1. Worker's Compensation Insurance covering all employees and providing benefits as required by Florida Statute, Chapter 440. CONTRACTOR further agrees to be responsible for the employment, control, and conduct of its employees and for any injury sustained by such employees in the course of their employment. If the firm has no employees or (only principals/owners), they may file a statutory exemption or sign the City's Workers' Compensation (WC) waiver if the firm has fewer than four employees.

2. Liability Insurance.

(a) Naming the City of Pompano Beach as an additional insured as CITY's interests may appear, on General Liability Insurance only, relative to claims which arise from CONTRACTOR's negligent acts or omissions in connection with Contractor's performance under this Agreement.

(b) Such Liability insurance shall include the following checked types of insurance and indicated minimum policy limits.

Type of Insurance Limits of Liability

GENERAL LIABILITY: Minimum \$1,000,000 Per Occurrence and \$2,000,000 Per Aggregate

* Policy to be written on a claims incurred basis

XX	comprehensive form	bodily injury and property damage
XX	premises - operations	bodily injury and property damage
	explosion & collapse	
	hazard	
	underground hazard	
XX	products/completed	bodily injury and property damage combined
	operations hazard	
XX	contractual insurance	bodily injury and property damage combined

XX	broad form property damage	bodily injury and property damage combined
XX	independent contractors	personal injury
XX	personal injury	
	sexual abuse/molestation	Minimum \$1,000,000 Per Occurrence and Aggregate
	liquor legal liability	Minimum \$1,000,000 Per Occurrence and Aggregate

***The city must be listed as Additional Insured and coverage must be Primary & Non-Contributory.**

Coverages must include premises/operations, independent contractors, contractual liability, products/completed operations, and broad form property damage.

AUTOMOBILE LIABILITY: Minimum \$1,000,000 Per Occurrence and Aggregate.
 Bodily injury (each person) bodily injury (each accident),
 Property damage, bodily injury and property damage combined.

XX comprehensive form
 XX owned
 XX hired
 XX non-owned

REAL & PERSONAL PROPERTY

___ comprehensive form Agent must show proof they have this coverage.

EXCESS LIABILITY Per Occurrence Aggregate

___ other than umbrella bodily injury and \$1,000,000 \$1,000,000 property damage combined

PROFESSIONAL LIABILITY	Per Occurrence	Aggregate
XX * Policy to be written on a claims made basis	\$1,000,000	\$2,000,000

***The vendor must maintain coverage with a minimum of \$1,000,000 per claim and \$2,000,000 aggregate for contracts under \$7.5M in construction value. The policy must cover negligent acts, errors, or omissions arising from professional services and the vendor must maintained coverage for the duration of the contract and at least 4 years after project completion.**

(c) If Professional Liability insurance is required, Contractor agrees the indemnification and hold harmless provisions set forth in the Agreement shall survive the termination or expiration of the Agreement for a period of four (4) years unless terminated sooner by the applicable statute of limitations.

CYBER LIABILITY	Per Occurrence	Aggregate
___ * Policy to be written on a claims-made basis \$	1,000,000	\$1,000,000
___ Network Security / Privacy Liability		
___ Breach Response / Notification Sublimit (minimum limit of 50% of policy aggregate)		
___ Technology Products E&O - \$1,000,000 (only applicable for vendors supplying technology related services and or products)		
___ Coverage shall be maintained in effect during the period of the Agreement and for not less than four (4) years after termination/ completion of the Agreement.		

3. Employer's Liability. If required by law, CONTRACTOR and all subcontractors shall, for the benefit of their employees, provide, carry, maintain and pay for Employer's Liability Insurance in the minimum amount of One Hundred Thousand Dollars (\$100,000.00) per employee, Five Hundred Thousand Dollars (\$500,000) per aggregate.

4. Policies: Whenever, under the provisions of this Agreement, insurance is required of the CONTRACTOR, the CONTRACTOR shall promptly provide the following:

- (a) Certificates of Insurance evidencing the required coverage;
- (b) Names and addresses of companies providing coverage;
- (c) Effective and expiration dates of policies; and
- (d) A provision in all policies affording CITY thirty (30) days written notice by a carrier of any cancellation or material change in any policy.

5. Insurance Cancellation or Modification. Should any of the required insurance policies be canceled before the expiration date, or modified or substantially modified, the issuing company shall provide thirty (30) days written notice to the CITY.

6. Waiver of Subrogation. CONTRACTOR hereby waives any and all right of subrogation against the CITY, its officers, employees and agents for each required policy. When required by the insurer, or should a policy condition not permit an insured to enter into a pre-loss agreement to waive subrogation without an endorsement, then CONTRACTOR shall notify the insurer and request the policy be endorsed with a Waiver of Transfer of Rights of Recovery Against Others, or its equivalent. This Waiver of Subrogation requirement shall not apply to any policy which includes a condition to the policy not specifically prohibiting such an endorsement, or voids coverage should CONTRACTOR enter into such an agreement on a pre-loss basis.





RLI26-003 Addendum 3

McKim & Creed

McKim & Creed, Inc.

Supplier Response

Event Information

Number: RLI26-003 Addendum 3
 Title: Continuing Contracts for Civil Engineering Services - CCNA
 Type: Request for Letters of Interest
 Issue Date: 11/17/2025
 Deadline: 12/18/2025 02:00 PM (ET)
 Notes: According to Section 287.055, Florida Statutes Consultants' Competitive Negotiation Act (CCNA), the City of Pompano Beach (the "City") invites professional companies/firms to submit a Letter of Interest (RLI) to provide civil engineering services on a continuing as-needed basis.

The selected firm shall demonstrate specific experience and capabilities and must have qualified personnel and expertise in the specified disciplines.

This RLI is subject to the "Cone of Silence," which imposes certain restrictions on communications concerning the RLI process.

The Cone of Silence shall take effect once this solicitation is released to the General Public. Respondents to this solicitation or persons acting on their behalf may not contact, between the release of the solicitation and the end of the 72 hours following the agency posting the notice of intended award, excluding Saturdays, Sundays, and state

Exhibit "B"
holidays, any employee or officer of the executive or legislative branch concerning any aspect of this solicitation, except in writing to the procurement officer or as provided in the solicitation documents. Violation of this provision may be grounds for rejecting a response.” (F.S. 287.057 (25)).

Any firm or lobbyist for a firm is prohibited from having any communications concerning any solicitation for a competitive procurement with any member of the City Commission, City Clerk, City Manager’s Office, any Evaluation Committee Member, or any other City of Pompano Beach employee after Procurement and Contracts releases a solicitation to the General Public. All communications must be sent through the eBid System (IonWave) or to the Purchasing Agent assigned to this solicitation, Jeffrey English, at 954-786-4098 or jeffrey.english@copbfl.com. No other member of the City Commission, City Clerk, City Manager’s Office, any Evaluation Committee Member, or any other City of Pompano Beach employee should be contacted concerning this RLI. Any information that amends any portion of this RLI received by any method other than an Addendum issued to the RLI is not binding on the City of Pompano Beach.

Proposals must be submitted electronically through the eBid System (IonWave) on or before the due date and time as provided herein. Any proposals received after the specified due date and time will not be considered. Any uncertainty about the time a proposal is received will be resolved against the firm, if you don't mind.

Firms must be registered on the City’s eBid System to view the solicitation documents and respond to this Solicitation. The complete solicitation document can be downloaded for free from the eBid System as a PDF at <https://www.pompanobeachfl.ionwave.net>. The City is not responsible for the accuracy or completeness of any documentation the firm receives from any source other than the eBid System. The firm is solely responsible for downloading all required documents. To attend the virtual public meeting, go to <https://www.pompanobeachfl.gov/pages/meetings> to find the Zoom link.

Contact Information

Contact: Michael Lee
Address: Procurement and Contracts
1010 NE 3 Avenue
Pompano Beach, FL 33060
Phone: (954) 786-4098
Email: michael.lee@copbfl.com

McKim & Creed Information

Address: 4300 Edwards Mill Road
Suite 200
Raleigh, NC 27612
Phone: (919) 233-8091
Email: bizdevelopment@mckimcreed.com
Web Address: mckimcreed.com

By submitting this Response I affirm I have received, read and agree to the all terms and conditions as set forth herein. I hereby recognize and agree that upon execution by an authorized officer of the City of Pompano Beach, this Response, together with all documents prepared by or on behalf of the City of Pompano Beach for this solicitation, and the resulting Contract shall become a binding agreement between the parties for the products and services to be provided in accordance with the terms and conditions set forth herein. I further affirm that all information and documentation contained within this response to be true and correct, and that I have the legal authority to submit this response on behalf of the named Supplier (Offeror).

Bridgette Corpus

Signature

Submitted at 12/18/2025 09:29:27 AM (ET)

bcorpus@mckimcreed.com

Email

Requested Attachments

Letter of Interest

1_Letter of Interest_RLI 26-003_McKim Creed.pdf

The electronic version of the proposal must be uploaded to the Response Attachments tab. The file size for uploads is limited to 250 MB. If the file size exceeds 250 MB, the response must be split and uploaded as two (2) separate files.

Proposer Information Page Form

2_Proposer Information Page Form_RLI 26-003_McKim Creed.pdf

Must be uploaded to the Response Attachment Tab

Project Team Form

3_Project Team Form_RLI 26-003_McKim Creed.pdf

Must be uploaded to the Response Attachment Tab

Qualification of Bidders Form

4_Qualifications of Bidders Form_RLI 26-003_McKim Creed.pdf

Qualification of Bidders Form from the attachments tab must be completed and uploaded to this tab.

Tier 1/ Tier 2 Local Business Form

5_T1-T2 Local Business Form_RLI 26-003_McKim Creed.pdf

To comply with the City's Local Business Program as a Tier-1 or Tier-2 vendor, you must complete the Tier 1/ Tier 2 Local Business form from the attachments tab and upload it here.

Local Business Program Forms

6_Local Business Program Forms_RLI 26-003_McKim Creed.pdf

Local Business Program Forms from the attachments tab must be completed and uploaded to this tab.

Attachment H - W9 Request for Taxpayer Identification Number and Certification

7_Attachment H 2025 W-9_RLI 26-003_McKim Creed.pdf

Must be uploaded to the Response Attachment Tab

McKim Creed RLI 26-003 Proposal Submission.pdf

Full Proposal Submission

CONFIDENTIAL - McKim & Creed, Inc. Financial Statements - as issued.pdf

CONFIDENTIAL - For Evaluation Purposes of RLI 26-003 Only.

Bid Attributes

1	Terms & Conditions Check the box indicating you agree to the terms and conditions of this solicitation. ☒ Agree
2	Acknowledgement of Addenda Check this box to acknowledge that you have reviewed all addenda issued for this solicitation. ☒ Yes
3	Local Business Participation Percentage If you have indicated local business participation on the Local Business Participation Form Exhibit A enter the percentage of the contract that will be performed by local Pompano Beach businesses. 0%
4	Vendor Certification Regarding Scrutinized Companies Lists (Any Dollar Amount) Section 215.4725, Florida Statutes, prohibits agencies from contracting (at any dollar amount) with companies on the Scrutinized Companies that Boycott Israel List, or with companies that are engaged in a boycott of Israel. As the person authorized to electronically sign on behalf of Respondent, I hereby certify by selecting the box below that the company responding to this solicitation is not listed on the Scrutinized Companies that Boycott Israel List. I also certify that the company responding to this solicitation is not participating in a boycott of Israel, and is not engaged in business operations in Syria or Cuba. I understand that pursuant to sections 287.135 and 215.4725, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs. Select yes for Agree, No for disagree on the drop down menu. Yes

5 Drug-Free Workplace

STATEMENT UNDER SECTION 287.087, FLORIDA STATUTES ON DRUG-FREE WORKPLACE
**REQUESTED INFORMATION BELOW IS ON THE ATTRIBUTES TAB FOR THE RFP IN THE EBID SYSTEM.
 PROVIDE THIS INFORMATION ELECTRONICALLY.**

Preference must be given to Contractors submitting certification with their bid or proposal, certifying they have a drug-free workplace in accordance with Section 287.087, Florida Statutes. This requirement affects all public entities of the State and becomes effective January 1, 1991.

Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quality and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

- (1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
- (2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
- (3) Give each employee engaged in providing the commodities or contractual services that are under bid, a copy of the statement specified in subsection (1).
- (4) In the statement specified in subsection (1) notify the employees that as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace, no later than five (5) days after such conviction.
- (5) Impose a sanction on, or require the satisfactory participation in, a drug abuse assistance or rehabilitation program if such is available in the employee's community, by an employee who is so convicted.
- (6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign this statement, I certify that his company/firm complies with the above requirements.

By choosing YES, I hereby certify that the company/firm complies with all the above requirements

6 Conflict of Interest

For purposes of determining any possible conflict of interest, all bidders must disclose if any City of Pompano Beach employee is also an owner, corporate officer, or employee of their business. Indicate either "Yes" (a City employee is also associated with your business), or "No". (Note: If answer is "Yes", you must file a statement with the Supervisor of Elections, pursuant to Florida Statutes 112.313.) Indicate yes or no below with the drop down menu.

City of Pompano Beach

RLI26-003 CONTINUING CONTRACT FOR CIVIL ENGINEERING SERVICES (CCNA)

Position Classification & Maximum Hourly Labor Rate Schedule

Prime /Firm Name	McKim & Creed, Inc.
------------------	---------------------

Position / Classification	Maximum Hourly Rate (\$)
---------------------------	--------------------------

Engineering

Principal	\$348.00
Engineering Manager	\$314.00
Project Manager III	\$267.00
Project Manager II	\$243.00
Project Manager I	\$221.00
Technical Specialist III	\$324.00
Technical Specialist II	\$314.00
Technical Specialist I	\$279.00
Project Eng IV	\$255.00
Project Eng III	\$238.00
Project Eng II	\$203.00
Project Eng I	\$179.00
Engineer Intern	\$163.00
I&C Specialist III	\$238.00
I&C Specialist II	\$203.00
I&C Specialist I	\$179.00
Programmer III	\$221.00

Prime /Firm Name	McKim & Creed, Inc.
-------------------------	--------------------------------

Position / Classification	Maximum Hourly Rate (\$)
Programmer II	\$203.00
Programmer I	\$169.00
Designer IV	\$186.00
Designer III	\$163.00
Designer II	\$150.00
Designer I	\$127.00
CAD Technician - Senior	\$116.00
CAD Technician	\$98.00
Summer Intern	\$98.00
Project Administrator - Senior	\$122.00
Project Administrator	\$106.00
Administrative Assistant	\$93.00

Construction

Construction Administrator IV	\$214.00
Construction Administrator III	\$192.00
Construction Administrator II	\$174.00
Construction Administrator I	\$145.00
Project Representative III	\$169.00
Project Representative II	\$145.00
Project Representative I	\$127.00

Prime /Firm Name	McKim & Creed, Inc.
-------------------------	--------------------------------

Position / Classification	Maximum Hourly Rate (\$)
----------------------------------	---------------------------------

Field Services

Field Services Manager - Senior	\$171.00
Field Services Manager	\$162.00
Field Technician II	\$134.00
Field Technician I	\$101.00

Leak Detection Services

Leak Detection 3 Person Crew	\$588.00
Leak Detection 2 Person Crew	\$411.00
Leak Detection 1 Person Crew	\$236.00

Geospatial Services

GIS System Administrator	\$185.00
GIS Data PM	\$175.00
GIS Technician I	\$105.00
GIS Analyst II	\$145.00
GIS Analyst I	\$125.00
LIDAR Technician III	\$140.00
LIDAR Technician II	\$113.00
LIDAR Technician I	\$84.00
Photogrammetrist	\$233.00
Photogrammetric Technician	\$122.00

Prime /Firm Name	McKim & Creed, Inc.
-------------------------	--------------------------------

Position / Classification	Maximum Hourly Rate (\$)
----------------------------------	---------------------------------

Surveying

Sr. Surveyor/Project Manager III	\$260.00
Sr. Surveyor/Project Manager II	\$232.00
Sr. Surveyor/Project Manager I	\$200.00
Project Surveyor	\$190.00
Sr. Survey CAD Technician	\$140.00
Survey CAD Technician	\$105.00
Survey Field Supervisor	\$125.00
Project Coordinator III	\$164.00
Project Coordinator II	\$143.00
Project Coordinator I	\$125.00
Field Survey Party (Three-Person Crew)	\$250.00
Field Survey Party (Two- Person Crew)	\$190.00
Field Survey Party (One-Person Crew)	\$120.00

Subsurface Utility Engineering

Regional SUE Director	\$300.00
Director of SUE	\$250.00
Utility Engineering Sr. Project Manager	\$230.00
Utility Engineering Project Manager	\$188.00
Utility Coordinator II	\$166.00

Prime /Firm Name	McKim & Creed, Inc.
-------------------------	--------------------------------

Position / Classification	Maximum Hourly Rate (\$)
----------------------------------	---------------------------------

Utility Coordinator I	\$110.00
Utility Engineering Technician II	\$94.00
Utility Engineering Technician I	\$79.00
Utility Engineering Analyst	\$120.00
Utility Engineering Specialist	\$141.00
Utility Engineering Party (2 Person Crew)	\$188.00
Utility Locator III (811 Locates)	\$101.00
Utility Locator II (811 Locates)	\$91.00
Utility Locator I (811 Locates)	\$71.00

Hydrographic Services

Hydrographic Division Manager	\$233.00
Hydrographic Regional Manager	\$218.00
Hydrographic Project Manager	\$188.00
Hydrographic Project Coordinator I	\$154.00
Hydrographic Specialist III	\$150.00
Hydrographic Specialist II	\$130.00
Hydrographic Specialist I	\$110.00