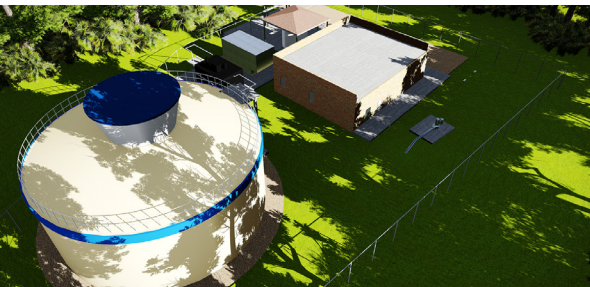




REQUEST FOR QUALIFICATIONS

KEY WEST WASTEWATER TREATMENT PLANT RESILIENCE PLAN

DUE DATE: 03.06.2024 | RFQ 24-006



CPH Consulting, LLC | 1992 SW 1st Street, Miami, FL 33135
| 305.274.4807 | info@cphcorp.com | www.cphcorp.com

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1. COVER LETTER

March 6, 2024

City of Key West
1300 White Street
Key West, Florida 33040



1992 SW 1st Street
Miami, FL 33135
Phone: 305.274.4807
info@cphcorp.com
www.cphcorp.com

RE: KEY WEST WASTEWATER TREATMENT PLANT RESILIENCE PLAN | RFQ 24-006

Dear Selection Committee Members:

CPH is pleased to provide our team and qualifications to assist the City of Key West in vulnerability assessment and adaptation planning. Our firm and team has extensive experience in the evaluation, study and design for municipalities including vulnerability assessment of critical infrastructure. We have been serving governmental clients in Florida for over 43 years, and have assisted in different evaluations from sustainability to threat assessments for safety and security. These studies and plans have included roadway, utilities, drainage, and building analysis and design of improvements.

Our team is made up of high-quality firms that have experience in risk assessment, resiliency planning, flood proofing, wave surge analysis, and process design redundancy efforts. These team members have a wealth of experience that will assist us in developing scenarios and options for the plan. We have developed a process that will allow us to create a collaborative environment in which we work together with the City and Stakeholders such as the Steering Committee in co-authoring the plan.

CPH is uniquely suited to assist the City due to our experience with dealing with similar issues in coastal communities in Florida, our extensive experience in the Keys, as well as our extensive experience with wastewater treatment plants. Our team has been working within the Florida Keys around the Keys for over 24 years, and has assisted in the implementation of resiliency efforts for clients such as Monroe County, Florida Keys Aqueduct Authority, and Islamorada. We understand the environment, as well as a successful history in implementation. Further, because CPH is a full service firm, our in-house resources include architects with a history of building evaluations and hardening, planners with experience in comprehensive planning including future land use and zoning analysis, as well as utility/process engineers with extensive expertise in infrastructure analysis and implementation of improvements for resiliency including FEMA funded programs such as Hazard Mitigation Grants.

We appreciate the City's consideration and are excited about the opportunity to assist the City in this critical project.

CPH Acknowledges receipt of Addendum #1.

Sincerely,
CPH Consulting, LLC

Kyle Bechtelheimer, P.E. | Client Services Manager - Southeast Florida



AWARD WINNING
EXPERTS IN
ENGINEERING



43+ YEAR
HISTORY OF
PROVIDING
SERVICES FOR
CLIENTS IN
FLORIDA



EXTENSIVE
EXPERIENCE IN
THE FLORIDA KEYS

2. INFORMATION PAGE

CPH Consulting, LLC has been providing services since the 1960s and the Firm has been established since 1981. In keeping with the company's philosophy to assure responsive and cost effective service, CPH has grown with branch offices housing approximately 400+ employees in Florida, Georgia, Texas, Maryland, North Carolina, Connecticut, and Puerto Rico with the firm's Headquarters located in Sanford, Florida. CPH's commitment to providing the highest level of service in an affordable manner has been achieved through emphasis on personalized services and direct involvement of top level CPH personnel.

We have put together a team that not only has specialized experience but has extensive experience working together. We have carefully crafted this team based on this work history, our understanding of the City's needs, and ability to deliver a quality project.

CPH has an office 163 miles away from the City's headquarters, with the ability to provide almost any service the City will desire in house through our 400+ available professionals.

CPH is pleased to respond to the City of Key West's Request for Qualifications for the "Key West Wastewater Treatment Plant Resilience Plan". It would be our pleasure to provide services to the City.



AREAS OF SERVICE



MEET YOUR PRINCIPAL-IN-CHARGE



Todd H. Hendrix, P.E., CGC
 Chief Operating Officer - AE Services
 25 Years of Experience

SPECIALTY SKILLS

- ✓ Project Management
- ✓ Land Development Coordination
- ✓ Environmental Permitting and Compliance
- ✓ Seawall Rise
- ✓ Commercial, Industrial, and Residential Site Development Treatment and Pumping
- ✓ Project Budgeting, Scheduling, and Quality Control

ADDRESS: 1992 SW 1st Street, Miami, FL 33135

PHONE: 305.274.4805

FAX: 305.274.4807

EMAIL: info@cphcorp.com

MEET YOUR PROJECT MANAGER



Kyle M. Bechtelheimer, P.E.
 Client Services Manager - Southeast Florida
 10 Years of Experience

SPECIALTY SKILLS

- ✓ Project Management
- ✓ Utilities Engineering
- ✓ Hydraulic Modeling
- ✓ Construction Administration
- ✓ Utility Coordination
- ✓ Pumping Facilities
- ✓ Reclaimed Systems
- ✓ Design on Aerial Crossings, Jack and Bores, and Directional Drills
- ✓ Sustainability Analysis

ADDRESS: 1992 SW 1st Street, Miami, FL 33135

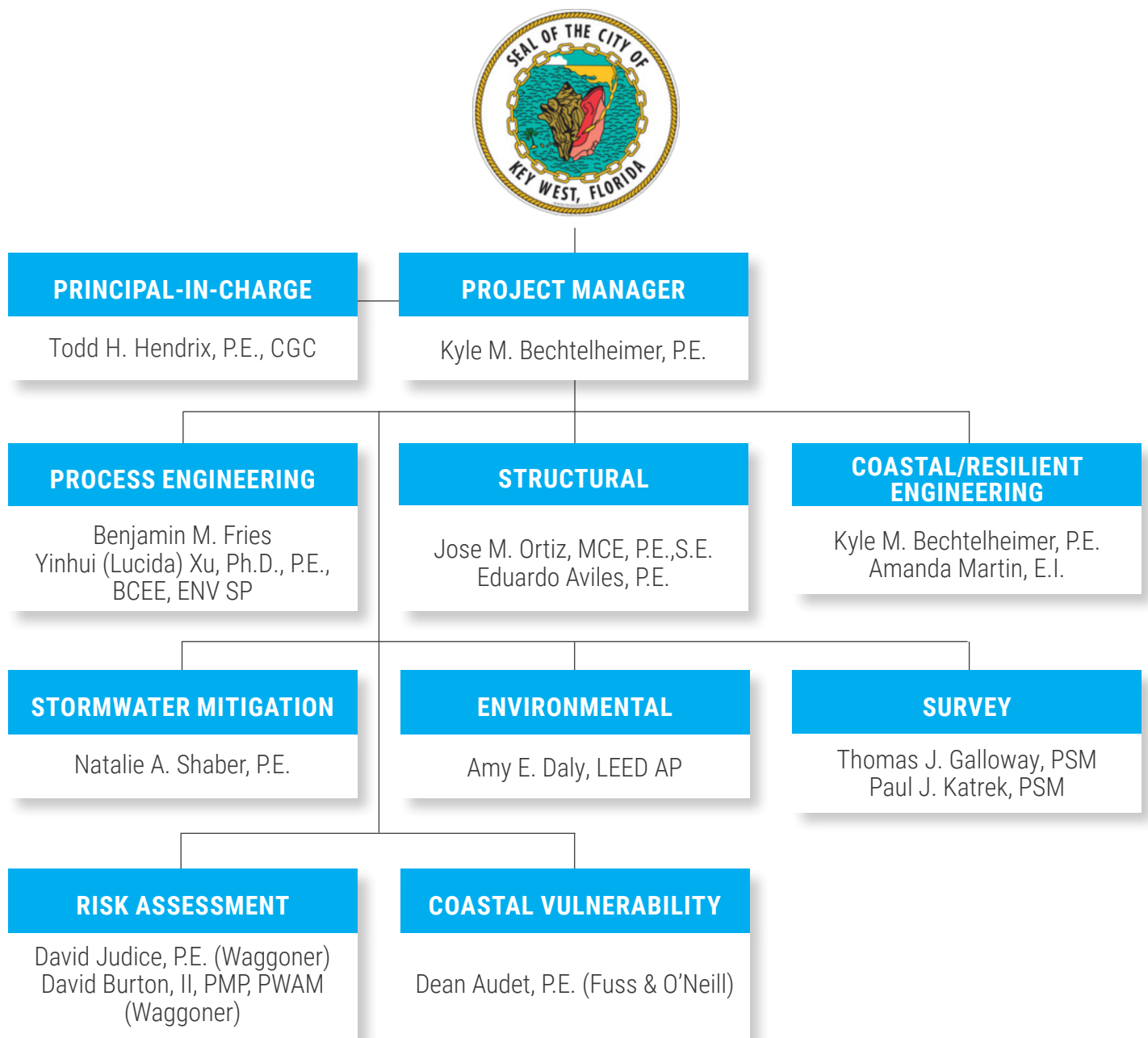
PHONE: 305.274.4805

FAX: 305.274.4807

EMAIL: info@cphcorp.com

3. ORGANIZATIONAL CHART

CPH has assembled a vastly diverse and highly qualified team with experience in all discipline areas requested by City of Key West. Our team has the capabilities and expertise to complete the “Key West Wastewater Treatment Plant Resilience Plan” project successfully. The CPH Team Organizational Chart (provided below) depicts the overall reporting and communication hierarchy as well as project roles and responsibilities in relation to the City’s scope of services. *The City will have the direct commitment of the CPH Miami office, along with support form the CPH Sanford office.*



4. COMPANY INFORMATION

CPH BACKGROUND INFORMATION:

CPH has been providing services since the Firm was established in 1981. In keeping with the company's philosophy to assure responsive and cost-effective service, CPH has grown with **14 branch offices** housing approximately 400 employees, with the firm's **Regional Office located in Miami, Florida**. CPH's commitment to providing the highest level of service in an affordable manner has been achieved through emphasis on personalized services and direct involvement of top level CPH personnel.

Known as a leading multi-disciplinary consulting firm, CPH provides services in the following areas:

- Engineering Services (Civil, Structural, and Utilities)
- Master Planning
- Architectural Services/Landscape Architecture
- Water/Wastewater/Reclaimed/Stormwater Systems
- Hydraulics and hydrology
- Environmental Sciences
- Transportation Engineering, including Traffic Planning and Design
- Land Planning/Zoning
- Construction Engineering and Inspection/Construction Management
- Surveying & Mapping

NAME CHANGE HISTORY:

- CPH Consulting, LLC (2022 - Current)
- CPH, Inc. (2013 - 2022)
- CPH Engineers, Inc. (1998 - 2013)
- Conklin, Porter, & Holmes (1981 - 1998)

NUMBER OF FULL-TIME STAFF: 400

NUMBER OF PART-TIME STAFF: 15

The CPH Team includes **6 Licensed Architects, 50+ Licensed Engineers, 40 Unlicensed technical support staff, and 35 Administrative staff**. Our team includes Envision Sustainability Professionals, LEED Accredited Professionals, and Green Globes Professionals.

SUBCONSULTANT FIRM

ROLE / SERVICES PROVIDED



Risk Assessment



Coastal Vulnerability

OFFICE LOCATION

APPROXIMATE DISTANCE FROM CITY

CPH **MIAMI**

163 miles (3 hours 28 minutes)

The City will have the direct commitment of the CPH Miami office, located at **1992 SW 1st Street Miami FL, 33135, Phone: 305.274.4805**. The Miami office is staffed with employees that include registered personnel, administrative staff, and owners of the firm to accomplish the projects on time and within budget.

BENEFITS OUR TEAM BRINGS TO THE CITY

- Local Resources and Experience
- Highly Specialized in Architectural and Engineering projects in Florida
- Experts in Public Planning and Facility Design
- Experts in Sustainable and Resilient Design
- Multi-Disciplinary In-House Team

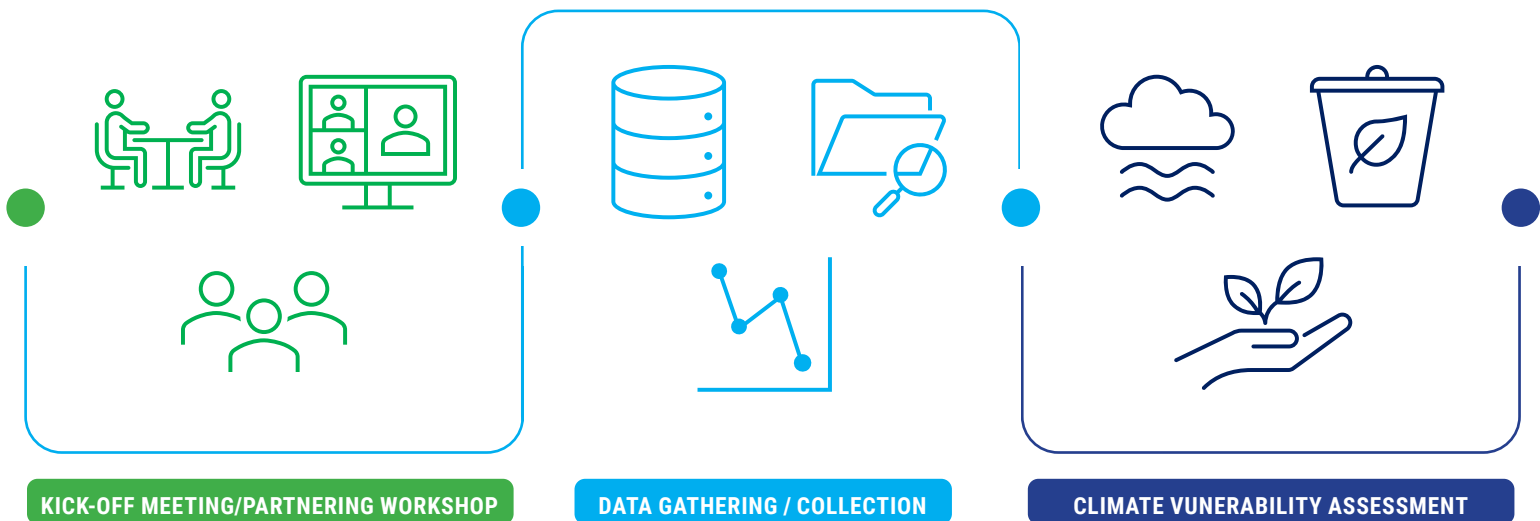
PROFESSIONAL ENGINEERS	ARCHITECTURE
<p>License Information</p> <p>Name: CPH LLC (Primary Name) CPH (DBA Name) Main Address: 500 W FULTON STREET SANFORD, Florida, 32771 County: SEMINOLE</p> <p>License Location: 500 WEST FULTON STREET SANFORD, FL, 32772 County: SEMINOLE</p> <p>License Information</p> <p>Registry: Registry Rank: 3751 License Number: Current License Date: 04/22/1981 Expires:</p>	<p>License Information</p> <p>Name: CPH LLC (Primary Name) CPH CONSULTING LLC (DBA Name) Main Address: 500 WEST FULTON STREET SANFORD, Florida, 32771 County: SEMINOLE</p> <p>License Information</p> <p>License Type: Architect Business Information Rank: Business Info License Number: Status: Current License Date: 04/04/2005 Expires:</p> <p>Special Qualifications</p> <p>Fictitious Name: Qualification Effective 04/04/2005</p>
<p>State of Florida Department of State</p> <p>I certify from the records of this office that CPH, L.L.C. is a Delaware limited liability company authorized to transact business in the State of Florida, qualified on May 31, 2022.</p> <p>The document number of this limited liability company is 142200008499.</p> <p>If further certify that said limited liability company has paid all fees due this office through December 31, 2022 and that its status is active.</p> <p>If further certify that said limited liability company has not filed a Certificate of Withdrawal.</p> <p>Given under my hand and the Great Seal of the State of Florida at Tallahassee the 14th day of February, 2023.</p> <p>Secretary of State</p>	<p>LANDSCAPE ARCHITECTS</p> <p>License Information</p> <p>Name: CPH CONSULTING LLC (Primary Name) Main Address: 500 W FULTON ST SANFORD, Florida, 32771 County: SEMINOLE</p> <p>License Information</p> <p>License Type: Landscape Architecture Business Information Rank: Business Info License Number: Status: Current License Date: 07/19/2022 Expires:</p>
	<p>SURVEYORS & MAPPERS</p> <p>Professional Surveyor and Mapper Business License</p> <p>License No. 187140 Expires 06/30/2023</p>

5. METHODOLOGY AND APPROACH

APPROACH TO PROJECT MANAGEMENT

CPH understands the critical nature of the Wastewater Treatment Plant Resilience Plan. Our team will work in a collaborative atmosphere to develop a multi-threat Vulnerability Assessment that will identify and prioritize a ten-year plan of Resilience projects, provide policy recommendations, and prepare implementation budgets with financing options.

Our team is passionate about assisting the communities we serve build and plan for the future, and our roadmap to success below outlines our overall approach to the assessment and development of the Resilience plan.



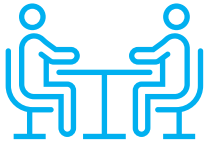
Verify Project Goals, Objectives, Timelines, Stakeholders, Meeting Dates, Vulnerability Assessment Parameters, Determine the assets to be included in the vulnerability assessment, and Communications Plan

Research, GIS Mapping, Surveys, Asset Management Database Creation, Mobile LIDAR, Gather Available Data/Maps and Comprehensive Plan

Conduct a sensitivity analysis for selected assets; evaluate the adaptive capacity of the systems associated with the assets; and complete an assessment of how vulnerable those systems are to the effects of climate change.

Risk Assessment to include: Exposure, Sensitivity, and Adaptive Capacity.

Steering Committee Meetings



CLIMATE VUNERABILITY WORKSHOPS

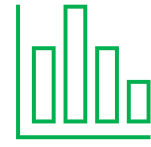
Conduct an Online kick-off meeting with the steering committee to review data, and information needs.

Conduct multiple Online meetings with the steering committee to create a Pre-Draft Prioritization and Pre-Public Workshop.



PUBLIC WORKSHOP #1

Input on preferred methodologies, data for analyzing potential sea level rise impacts and/or flooding, guiding factors to consider, and critical assets important to the community.

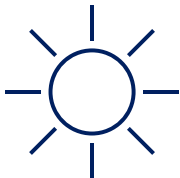


ADDITIONAL DATA GATHERING AND ANALYSIS

Acquire additional data, maps, and information.

Update Analysis and Databases

Conduct Further Refinement of Models and Risk Assessments



CLIMATE VUNERABILITY WORKSHOPS

Conduct a workshop with Steering Committee to Review Updated Results



PUBLIC WORKSHOP #2

Present the results from the exposure analysis, sensitivity analysis, and draft Vulnerability Assessment.

Prioritize focus areas of flooding, and the critical assets in preparation for the development of resilience strategies and project development.

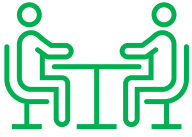


FINAL VULNERABILITY ASSESSMENT REPORT, MAPS, AND TABLES

Final VA Report including results from the exposure and sensitivity analyses, as well as a summary of identified risks and assigned focus areas.

List of critical and regionally significant assets that are impacted by flooding and sea- level rise, specifying for each asset the flood scenario(s) impacting the asset.

GIS and Hydraulic Modeling files



RESILIENCE PLANNING WORKSHOP

Review parameters with steering committee members to identify asset specific adaptive measures to build community resilience to climate threats, by reducing vulnerability, or supporting response and recovery efforts in the event that a threat occurs.

Determine gaps in knowledge and data to address these areas



DEVELOP INITIAL RESILIENCE PLAN

Develop GIS Layers for Individual Chapters
Conduct Analysis of Options for Improvements to Adapt to Climate Change

Comprehensive Plan and Land Use Code Analysis

Develop Phasing Plan Based on Prioritization

Develop Cost Estimates

Create 10 Year Implementation Plan



DRAFT RESILIENCE PLAN WORKSHOP

Summary reports of each chapter, with associated 10-year timeline of actions, budgets, financing options and proposed policy changes.

FINAL RESILIENCE PLAN, MAPS, AND TABLES

Final wrap up of all products to produce one Final Resilience Plan.

Revisit all Chapters to check for and fix inconsistencies

Master Financing List consisting of all Chapters across all 10 Budget Years.

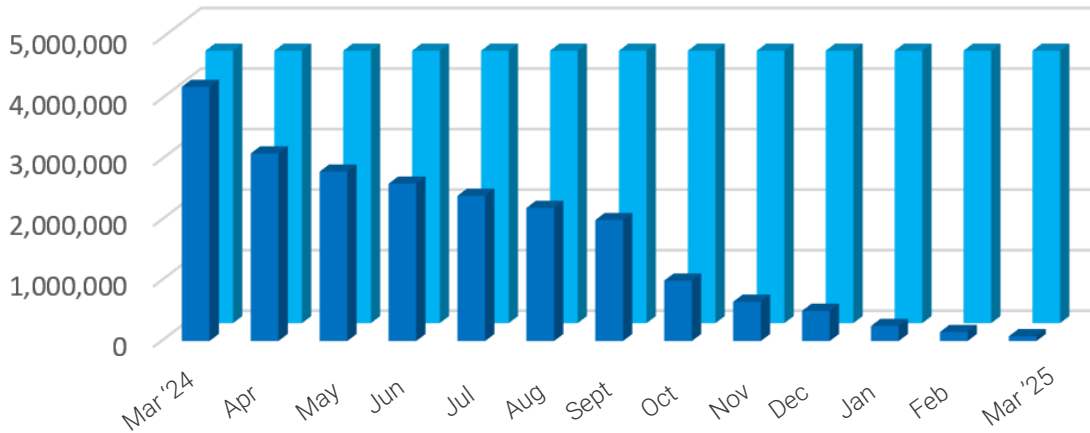
Executive Summary with Capacity Section
Final Summary of all Plan Integration across Chapters



IMPLEMENTATION

WORKLOAD AND AVAILABILITY

The current and projected workload of our team is such that we can provide responsive service to City of Key West. We are well-staffed, equipped with our nearby Miami location, and believe that we and our team members can provide a high quality, professional service to the City's that is completely responsive and cost effective. The graph below depicts our current contracted backlog with no consideration for any additional work. The current workload will spread over 13 months. Our current production capability is \$4,500,000 per month. With that capacity, there are more than adequate personnel hours to cover the workload.



The following matrix illustrates our staff's availability relative to our existing projects. As projects are completed, we have additional staffing capability for new assignments. The team proposed to provide services to City of Key West has adequate time available to dedicate to the successful completion of any project that will be assigned to the CPH team under this contract.

KEY PERSONNEL	ROLE	PROJECTED AVAILABILITY
Todd H. Hendrix., P.E., CGC	Principal-In-Charge	50%
Kyle M. Bechtelheimer, P.E.	Program Manager Coastal/Resilient Engineer	60%
Benjamin M. Fries	Process Engineer	45%
Yinhui (Lucida) Xu, Ph.D., P.E., BCEE, ENV SP	Process Engineer	40%
Jose M. Ortiz, MCE, P.E.,S.E.	Structural Engineer	50%
Eduardo Aviles, P.E.	Structural Engineer	60%
Amanda Martin, E.I.	Coastal/Resilient Engineer	55%
Natalie A. Shaber, P.E.	Stormwater Mitigation	60%
Amy E. Daly, LEED AP	Environmental Scientist	65%
Thomas J. Galloway, PSM	Project Surveyor	40%
Paul J. Katrek, PSM	Project Surveyor	60%
Dean Audet, P.E. (Fuss & O'Neill)	Coastal Vulnerability	50%
David Judice, P.E. (Waggoner)	Risk Assessment	55%
David Burton, II, PMP, PWAM (Waggoner)	Risk Assessment	55%

6. PERSONNEL

1.



2.



3.



TODD H. HENDRIX., P.E., CGC

PRINCIPLE-IN-CHARGE

Years of Experience: 24

Education:

M.S. in Environmental Engineering, Florida International University

B.S. in Biological Science, Florida International University

Licenses & Certifications:

Professional Engineer - FL (No. 66794)

General Contractor License - FL (No. 1518490)

Key Skills / Qualifications:

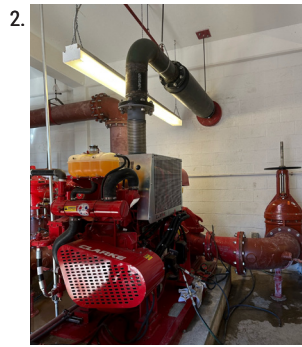
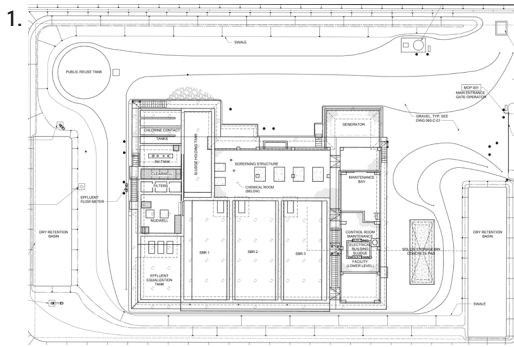
- Project Management
- Land Development Coordination
- Commercial, Industrial, and Residential Site Development
- Water and Wastewater Planning and Design
- Stormwater Management and Design
- Environmental Permitting and Compliance
- Project Budgeting, Scheduling, and Quality Control

Overview: Mr. Hendrix serves CPH as Chief Operating Officer of A& E Services and Branch Manager for the Miami Office. He is responsible for overseeing a diverse staff that manages site development for commercial, residential, and municipal projects. Mr. Hendrix joined CPH in 1998. His municipal experience includes project coordination, design, and permitting of various potable water systems, wastewater systems, and stormwater management systems. He has experience in the areas of design and permitting of water supply wells, ground storage and treatment facilities, and high service pumping and distribution systems.

1. MONROE COUNTY FIRE STATION - CUDJOE KEY - CPH provided pre-design phase/programming, Schematic Design, Design Development, Construction documents, Bidding and Permitting assistance, and Construction Administration for a new 7,500 SF Fire Station on Cudjoe Key. The overall project included 3 Drive Thru Bays, Native landscape materials requiring minimum irrigation, Work out room, Large kitchen, Outdoor spaces for building users, Roof materials with High Solar Reflectance, Hurricane resistant glazing, door and roof systems, Building insulation with High R- value, Low E glazing system, Site lighting and interior lighting with LED fixtures, HVAC equipment with high efficiency, Water heaters with high efficiency, Construction waste control and recycling, Flood protection, and a Diesel Generator.

2. MONROE COUNTY - HARRY HARRIS PARK JETTY AND WILKINSON'S POINT - The project included study phase, design phase, and construction observation for the repair of two submerged land structures at the Monroe County Harry Harris Park. The two coastal structures were damaged during a Hurricane in 2017. CPH was hired to perform a resilient study to determine the cost and most resilient methods to re-build the two structures. CPH completed wave action modeling and worked with FEMA and the County to secure funding for the project. CPH completed the survey, geotechnical analysis, full design, environmental permitting, and the construction observation for the redevelopment of both structures.

3. MONROE COUNTY - HIGGS BEACH SEAWALL REPAIR - The existing Monroe County Higgs Beach Seawall was experiencing severe undermining due to heavy tide and hurricane damages. CPH contracted with Monroe County to design the repair of the 700 LF of seawall along Higgs Beach. Design efforts included survey, structural engineering, civil engineering, and environmental permitting. The original design was completed in 2020 and construction was put on hold until 2022.



KYLE M. BECHTELHEIMER, P.E.
**PROJECT MANAGER | COASTAL/RESILIENT
 ENGINEERING**

Years of Experience: 8

Education:

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

Licenses & Certifications:

Professional Engineer - FL (No. PE86673)

Key Skills / Qualifications:

- Project Management
- Utilities Engineering
- Hydraulic Modeling
- Construction Administration
- Utility Coordination
- Pumping Facilities
- Coastal Engineering
- Design on Aerial Crossings, Jack and Bores, and Directional Drills

Overview: Mr. Bechtelheimer serves CPH as the Client Services Manager for the southeastern region of Florida with more than 8 years of experience specializing in land development, project management and utilities engineering.

1. FKAA – BIG COPPITT DISK FILTERS - The Florida Keys Aqueduct Authority (FKAA) owns and maintains an Advanced Wastewater Treatment Plant with a current rating of 0.323 million gallons per day (MGD). Based on population projections, FKAA plans on expanding the plant to obtain a permitted max capacity of 1.8 MGD. FKAA contracted with CPH to replace the existing DeNite filters with two, 2 MGD disk filters, as the first step in their multi-phase expansion project. CPH completed design, permit, and construction administration services for the installation of the new filters. The new filters have been constructed and are in operation.

2. FKAA NAS BOCA CHICA - FIRE PUMPING STATION - The Naval Air Station (NAS) Key West currently utilizes FKAA-owned fire and water distribution facilities at the naval base. CPH designed the replacement of three pumps (2,000 GPM each), which included two new diesel pumps, one electric pump, electrical components and controls, and replacement of all associated pipes and valves within the fire pump station. CPH worked with FKAA and the Navy during design, permitting, and construction of the project. CPH completed construction engineering and inspection services (CEI) throughout the construction of the project.

3. ISLAMORADA BREAKWATER - CPH provided planning, conceptual design, coastal engineering, engineering, environmental and biology, surveying and mapping, permitting, and construction documents. Rebuilding an existing damaged breakwater, protection of existing mangroves, and mitigation.



BENJAMIN M. FRIES
PROJECT ENGINEER

Years of Experience: 37

Education:

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

Licenses & Certifications:

Adjunct Professor, University of Central Florida (1986-present), Civil, Environmental, & Const. Engineering
Certified FE/PE Review Instructor

Key Skills / Qualifications:

- WWTP and WRF treatment systems evaluation, design, and economics
- Biological nutrient removal (BNR) facility evaluation and design
- Advanced wastewater treatment (AWT) facility evaluation and design
- Tertiary treatment system design
- Class "A" & "B" biosolids treatment System evaluation and design
- Biosolids drying system evaluation and design
- Facility optimization and modeling
- Water reclamation/reuse systems
- Wastewater collection and transmission systems
- Vacuum sewer systems

Overview: Mr. Fries serves CPH as a Vice-President and Senior Project Manager. He has extensive experience in the planning, design, permitting, construction, and management of water, wastewater, water reclamation, biosolids management, wastewater collection/transmission, and reclaimed water distribution systems. Mr. Fries has special expertise in the design of water reclamation processes, biological nutrient removal (BNR), and innovative/alternative treatment systems, facility optimization, master planning, permitting, O&M and eO&M manuals, and construction administration. He has worked on over 100 wastewater treatment facility projects for municipal and private clients and the Department of Defense (DOD).

1. SANFORD CLASS "A" BIOSOLIDS MANAGEMENT SYSTEM (SOLAR DRYER)

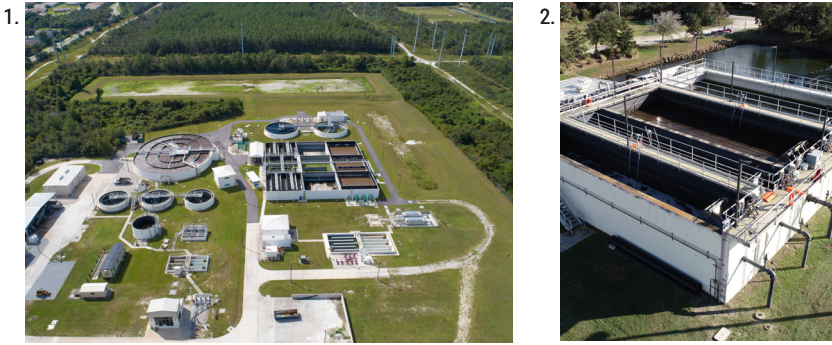
- The project includes a new biosolids solar drying system (greenhouse, biosolids turning device, control system, etc.), a new biosolids dewatering system building, screw press dewatering system and associated equipment, an automated biosolids feed system (screw presses to solar dryer) and associated equipment, a new Class "A" dried biosolids building, an automated dried biosolids discharge system including recessed, inclined, and horizontal screw conveyor systems (solar dryer to dried biosolids building), electrical, controls, instrumentation and SCADA improvements, stormwater management system improvements, miscellaneous appurtenances and ancillaries, site work, yard piping and plant internal roadway improvements, signage, sodding, etc.

2. SOUTHWEST REGIONAL WATER RECLAMATION FACILITY EXPANSION

- CPH designed the addition of a new treatment train to the facility. The new treatment train is designed to ultimately handle 6 MGD. This phase adds a new headworks structure, master lift station, biological treatment unit, tertiary filters, chlorine contact chamber, transfer pump station, electrical buildings, generator, and all associated site improvements. The permitted capacity of the facility was increased from 1.2 to 1.7; however, the headworks, master pump station, tertiary filters, and chlorine contact chamber are all designed to meet flows up to 3 MGD, minimizing future expansion costs. Ultimate expansions will double this treatment train to the ultimate capacity of 6 MGD. CPH performed a process evaluation to assist in the selection of the treatment process comparing conventional aeration treatment to membrane processes. State Revolving Funds Loan processing was prepared for the County, including a facilities plan and the associated loan documentation. Permitting activities included FDEP Construction Permit, DeBary Site Plan Permit, and an FDEP Stormwater Permit. CPH provided full design and bidding services.

3. IRON BRIDGE RWRf MASTER PUMP STATION REHABILITATION

- CPH and Prime Construction Group performed a Design-Build project for the City of Orlando for rehabilitation of the Iron Bridge Regional Water Reclamation Facility (RWRf) Master Pump Station (MPS). The design flow of the MPS was 120 million gallons per day (MGD), the capacity of the existing pumps. Over time, the concrete junction box, box culvert, and lower level of the MPS prior to the wet well had deteriorated due to hydrogen sulfide attack despite the PVC (T-Lock) lining. The purpose of this project was to rehabilitate the flow channel from and including the junction box to the wet well in such a manner to minimize/preclude future corrosion.



YINHUI (LUCIDA) XU, PH.D., P.E., BCEE,
ENV SP

PROJECT ENGINEER

Years of Experience: 17

Education:

Ph.D. in Civil Engineering, Environmental and Water Resources Program, Auburn University
M.S. and B.S. in Environmental Engineering, Donghua University, China
Honor Society of Phi Kappa Phi

Licenses & Certifications:

Professional Engineer - FL (No. 72186)
Board Certified Environmental Engineer with Specialty in Water Supply & Wastewater

Key Skills / Qualifications:

- Water, reclaimed water, and wastewater treatment systems design
- Water supply facilities work plan
- Water chemistry
- Ozone, granulated activated carbon, and reverse osmosis projects
- Water and wastewater capacity analysis
- Process design

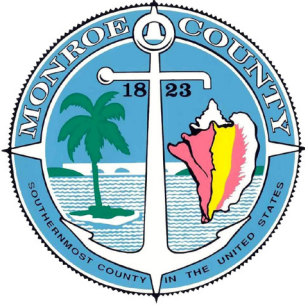
Overview: Mrs. Xu serves CPH in the capacity of Process Engineer. She has been with CPH since 2006. Her areas of expertise includes water chemistry, water and wastewater treatment plant design, water and wastewater permit applications, water supply facilities work plans, water and wastewater capacity analysis, and consumptive usage permit applications. Mrs. Xu has recently served as Process Engineer and Project Manager for a number of ozone, granulated activated carbon, and reverse osmosis projects.

1. SOUTHWEST REGIONAL WATER RECLAMATION FACILITY EXPANSION - CPH designed the addition of a new treatment train to the facility. The new treatment train is designed to ultimately handle 6 MGD. This phase adds a new headworks structure, master lift station, biological treatment unit, tertiary filters, chlorine contact chamber, transfer pump station, electrical buildings, generator, and all associated site improvements. The permitted capacity of the facility was increased from 1.2 to 1.7; however, the headworks, master pump station, tertiary filters, and chlorine contact chamber are all designed to meet flows up to 3 MGD, minimizing future expansion costs. Ultimate expansions will double this treatment train to the ultimate capacity of 6 MGD. CPH performed a process evaluation to assist in the selection of the treatment process comparing conventional aeration treatment to membrane processes. State Revolving Funds Loan processing was prepared for the County, including a facilities plan and the associated loan documentation. Permitting activities included FDEP Construction Permit, DeBary Site Plan Permit, and an FDEP Stormwater Permit. CPH provided full design and bidding services.

2. DUNES COMMUNITY DEVELOPMENT DISTRICT WWTP IMPROVEMENTS - CPH was selected to provide planning, design, permitting, and construction services for the DCDD WWTP improvements. The current Dunes WWTP includes three SBR trains (0.125 MGD, 0.125 MGD, and 0.25 MGD, respectively) for a total capacity of 0.5 MGD. The Dunes desired to add additional SBR process treatment capacities and improve the associated sludge digesting and drying facilities. CPH was responsible for reviewing the existing conditions and the infrastructures and developing the best approaches for the DCDD WWTP improvements.

3. SANFORD CLASS "A" BIOSOLIDS MANAGEMENT SYSTEM (SOLAR DRYER) - The project includes a new biosolids solar drying system (greenhouse, biosolids turning device, control system, etc.), a new biosolids dewatering system building, screw press dewatering system and associated equipment, an automated biosolids feed system (screw presses to solar dryer) and associated equipment, a new Class "A" dried biosolids building, an automated dried biosolids discharge system including recessed, inclined, and horizontal screw conveyor systems (solar dryer to dried biosolids building), electrical, controls, instrumentation and SCADA improvements, stormwater management system improvements, miscellaneous appurtenances and ancillaries, site work, yard piping and plant internal roadway improvements, signage, sodding, etc.

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JOSE M. ORTIZ, MCE, P.E., S.E.
STRUCTURAL ENGINEER

Years of Experience: 26

Education:

M.E. in Structural Engineering, Cornell University
B.S. in Civil Engineering, Recinto Universitario de Mayaguez, UPR

Licenses & Certifications:

Professional Engineer - FL (No. 67920), PR (No. 17212)

Key Skills / Qualifications:

- Structural concrete, steel, and timber design
- Seismic/wind engineering
- Construction inspection/supervision
- Gravity walls
- Seawalls
- Signage/gateways
- Fall protection
- Failure analysis & post-disaster assessment
- Structural evaluation and retrofitting

Overview: Mr. Ortiz has over 25 years of experience in structural engineering design and project management. His experience encompasses projects of all types and complexities, including commercial/retail, hospitals, educational facilities, recreational facilities, hotels/resorts, parking structures, residential, and multi-story office buildings. The depth of his technical understanding of systems and codes allows him to work with architectural/engineering teams to deliver cost-effective structural solutions to meet project goals.

1. STRUCTURAL ASSESSMENT OF THE MONROE COUNTY SHERIFF'S ADMINISTRATION BUILDING

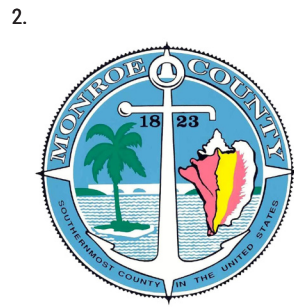
- Hurricane Ian passed close to the Florida Keys resulting in tropical storm and category one hurricane force winds in the Lower Keys. The Monroe County Sheriff's Administration Building on Stock Island showed visible exterior damage after the storm passed necessitating that an emergency structural assessment be performed on the building. CPH provided complete visual inspection of the Sheriff's Administration Building on Stock Island. CPH collected all required visual data and make visual inspections as required by Monroe County and Florida Building Code for life safety. CPH provided report detailing findings, including recommendation for life safety and repairs, along with an estimated construction cost for repairs.

2. MONROE COUNTY FIRE STATION - CUDJOE KEY

- CPH provided pre-design phase/programming, Schematic Design, Design Development, Construction documents, Bidding and Permitting assistance, and Construction Administration for a new 7,500 SF Fire Station on Cudjoe Key. The overall project included 3 Drive Thru Bays, Native landscape materials requiring minimum irrigation, Work out room, Large kitchen, Outdoor spaces for building users, Roof materials with High Solar Reflectance, Hurricane resistant glazing, door and roof systems, Building insulation with High R- value, Low E glazing system, Site lighting and interior lighting with LED fixtures, HVAC equipment with high efficiency, Water heaters with high efficiency, Construction waste control and recycling, Flood protection, and a Diesel Generator.

3. US 17-92 RIVERWALK, PHASES II & III (FDOT LAP)

- Phase II - The FDOT LAP project included 1.5 miles of 10-14-ft-wide trail, replacement of 5,500 feet of seawall along Lake Monroe, trailhead parking, a prefabricated pedestrian bridge over Mill Creek, hardscaping, landscaping, and lighting. Phase III - CPH provided planning, survey, and design services for a new 1.7-mile, 12-ft-wide trail that was part of a multi-phase project funded through a joint partnership with FDOT. This project followed the complete streets design elements with the provision of a multi-use trail, roadway safety improvements, traffic-calming design, roadway & trail lighting, utility design, structural seawall design, drainage improvements/design, irrigation design, beautification, hardscape and landscape design, scenic overlooks of Lake Monroe, way-finding design, pedestrian mid-block crossings (rectangular rapid flashing beacons), traffic studies, survey, and wetland mitigation.



EDUARDO AVILES, P.E.
STRUCTURAL ENGINEER

Years of Experience: 9

Education:

M.S. in Structural Engineering, University of Puerto Rico
B.S. in Civil Engineering, University of Puerto Rico
B.S. in Land Surveying, University of Puerto Rico

Licenses & Certifications:

Professional Engineer - FL (No. 85877)

Key Skills / Qualifications:

- Signage/gateways
- Failure analysis & post-disaster assessment
- Structural concrete, steel, and timber design
- Structural evaluation and retrofitting
- Seismic/wind engineering
- Construction inspection/supervision
- Gravity walls
- Seawalls

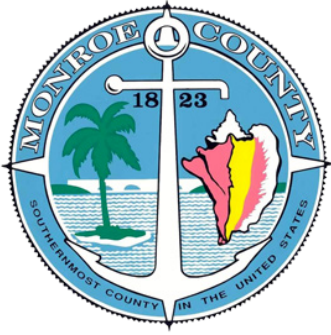
Overview: Mr. Aviles serves as a CPH Structural Designer for the firm's work in the United States and Puerto Rico. He has experience in structural engineering, civil engineering, and land surveying.

1. MONROE COUNTY FIRE STATION – CUDJOE KEY - CPH provided pre-design phase/programming, Schematic Design, Design Development, Construction documents, Bidding and Permitting assistance, and Construction Administration for a new 7,500 SF Fire Station on Cudjoe Key. The overall project included 3 Drive Thru Bays, Native landscape materials requiring minimum irrigation, Work out room, Large kitchen, Outdoor spaces for building users, Roof materials with High Solar Reflectance, Hurricane resistant glazing, door and roof systems, Building insulation with High R- value, Low E glazing system, Site lighting and interior lighting with LED fixtures, HVAC equipment with high efficiency, Water heaters with high efficiency, Construction waste control and recycling, Flood protection, and a Diesel Generator.

2. STRUCTURAL ASSESSMENT OF THE MONROE COUNTY SHERIFF'S ADMINISTRATION BUILDING - Hurricane Ian passed close to the Florida Keys resulting in tropical storm and category one hurricane force winds in the Lower Keys. The Monroe County Sheriff's Administration Building on Stock Island showed visible exterior damage after the storm passed necessitating that an emergency structural assessment be performed on the building. CPH provided complete visual inspection of the Sheriff's Administration Building on Stock Island. CPH collected all required visual data and make visual inspections as required by Monroe County and Florida Building Code for life safety. CPH provided report detailing findings, including recommendation for life safety and repairs, along with an estimated construction cost for repairs.

3. US 17-92 RIVERWALK, PHASES II & III (FDOT LAP) - Phase II - The FDOT LAP project included 1.5 miles of 10–14-ft-wide trail, replacement of 5,500 feet of seawall along Lake Monroe, trailhead parking, a prefabricated pedestrian bridge over Mill Creek, hardscaping, landscaping, and lighting. Phase III - CPH provided planning, survey, and design services for a new 1.7-mile, 12-ft-wide trail that was part of a multi-phase project funded through a joint partnership with FDOT. This project followed the complete streets design elements with the provision of a multi-use trail, roadway safety improvements, traffic-calming design, roadway & trail lighting, utility design, structural seawall design, drainage improvements/design, irrigation design, beautification, hardscape and landscape design, scenic overlooks of Lake Monroe, way-finding design, pedestrian mid-block crossings (rectangular rapid flashing beacons), traffic studies, survey, and wetland mitigation.

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AMANDA MARTIN, E.I.
COASTAL/RESILIENT ENGINEER

Years of Experience: 1

Education:

B.S. in Environmental Engineering, Florida International University

Licenses & Certifications:

E.I. #1100025067

Key Skills / Qualifications:

- Hydraulic Analysis
- Lift Station Design
- Utility Coordination
- Condition Assessment
- Utility Adjustments/Relocations

Overview: Ms. Martin is a Project Engineer with experience in design of lift stations, hydraulic analysis, ground storage tank design, potable water infrastructure design and modeling, and assessment of existing pumping systems.

1. MONROE COUNTY – HIGGS BEACH SEAWALL REPAIR - The existing Monroe County Higgs Beach Seawall was experiencing severe undermining due to heavy tide and hurricane damages. CPH contracted with Monroe County to design the repair of the 700 LF of seawall along Higgs Beach. Design efforts included survey, structural engineering, civil engineering, and environmental permitting. The original design was completed in 2020 and construction was put on hold until 2022.

2. ISLAMORADA BREAKWATER - CPH provided planning, conceptual design, coastal engineering, engineering, environmental and biology, surveying and mapping, permitting, and construction documents. Rebuilding an existing damaged breakwater, protection of existing mangroves, and mitigation.

3. ISLAMORADA GREEN TURTLE HAMMOCK PRESERVE IMPROVEMENTS - CPH provided Professional Consulting Services for Green Turtle Hammock Preserve. The project was built off the approved conceptual plan for a two-story 2,500 SF pavilion, ADA accessible ramp, improved parking area, boardwalk and kayak launch, overall site improvements, and shoreline stabilization.

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AMY E. DALY, LEED AP
ENVIRONMENTAL SCIENTIST

Years of Experience: 29

Education:

M.B.A., FMU, Summa Cum Laude
 B.S. in Biological Sciences, Florida State University

Licenses & Certifications:

U.S. Army Corps of Engineers Wetland Delineator
 Florida Unified Mitigation Methodology Course
 Qualified Stormwater Management Inspector
 Prescribed Burner
 Authorized Gopher Tortoise Agent (No. GTA-09-00145)
 LEED Accredited Professional

Key Skills / Qualifications:

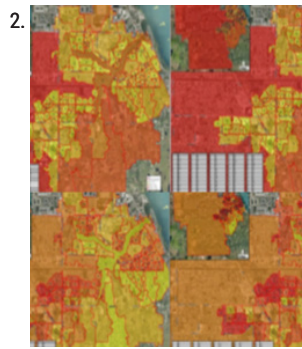
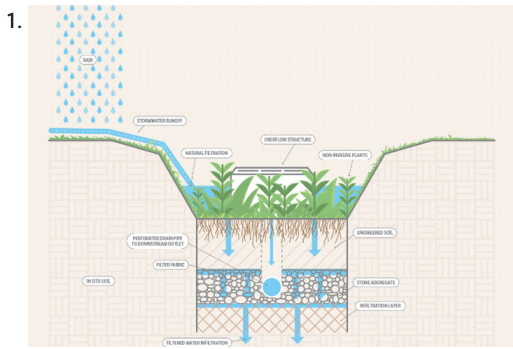
- Project Management
- Ecological Assessments
- Environmental Permitting
- Mitigation Program Design
- Wetland Delineation
- Land Management
- Consumptive Use Permitting
- Functional Assessments
- Water Quality Monitoring
- Wildlife Assessment, Management, & Permitting

Overview: Mrs. Daly serves CPH as principal environmental scientist. She has 29 years of environmental consulting experience with project management, environmental resource assessments, wetland delineation, permitting, mitigation design and implementation, land management, habitat mapping, jurisdictional determinations, wetland functional analyses, protected wildlife surveys and management programs, field survey design and habitat restoration, tortoise surveys, permitting and relocation including commensal species. Mrs. Daly has served as an expert witness on various environmental matters for condemnation proceedings.

1. ISLAMORADA BREAKWATER - CPH provided planning, conceptual design, coastal engineering, engineering, environmental and biology, surveying and mapping, permitting, and construction documents. Rebuilding an existing damaged breakwater, protection of existing mangroves, and mitigation.

2. MONROE COUNTY - HARRY HARRIS PARK JETTY AND WILKINSON'S POINT - The project included study phase, design phase, and construction observation for the repair of two submerged land structures at the Monroe County Harry Harris Park. The two coastal structures were damaged during a Hurricane in 2017. CPH was hired to perform a resilient study to determine the cost and most resilient methods to re-build the two structures. CPH completed wave action modeling and worked with FEMA and the County to secure funding for the project. CPH completed the survey, geotechnical analysis, full design, environmental permitting, and the construction observation for the redevelopment of both structures.

3. ISLAMORADA GREEN TURTLE HAMMOCK PRESERVE IMPROVEMENTS - CPH provided Professional Consulting Services for Green Turtle Hammock Preserve. The project was built off the approved conceptual plan for a two-story 2,500 SF pavilion, ADA accessible ramp, improved parking area, boardwalk and kayak launch, overall site improvements, and shoreline stabilization.



NATALIE A. SHABER, P.E.
STORMWATER MITIGATION ENGINEER

Years of Experience: 17

Education:

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

Licenses & Certifications:

Professional Engineer - FL (No. 75632)
 Qualified Stormwater Management Inspector

Key Skills / Qualifications:

- Project management
- Stormwater management system design for new and retrofit projects
- Retail/office space
- Apartments
- Financial institutions
- Industrial/warehouse facilities
- Restaurant design
- Education
- Parks

Overview:

Ms. Shaber serves CPH as a Senior Project Engineer and Business Development Lead for the Space Coast. She is specifically responsible for final permitting and permitting compliance; design, permitting, construction administration and inspection for municipal projects; grant writing and progress reporting for stormwater infrastructure; and water quality and flood mitigation grants for municipal clients. Ms. Shaber has many years' experience designing and reviewing stormwater management systems, low impact development (LID) design and green infrastructure implementation, and municipal capital improvement projects. She has also performed in-depth basin studies for municipal clients. She has in-depth knowledge of State of Florida Environmental Resource Permitting Rules and National Pollutant Discharge and Elimination System rules and compliance measures, and reviewed and managed hundreds of private land development projects.

1. CITY'S VOLUNTARY LOW IMPACT DEVELOPMENT ORDINANCE AND LID GUIDANCE MANUAL SUBJECT MATTER EXPERT

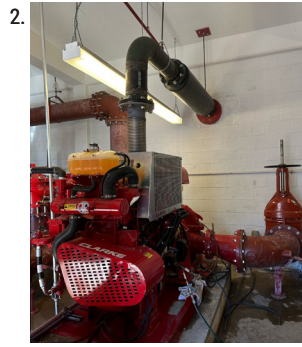
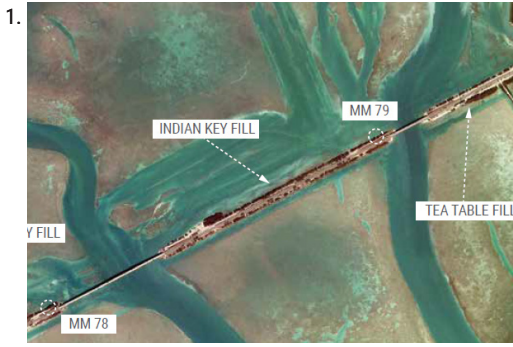
The City's first Low Impact Development (LID) Guidance Manual for engineering guidance on new and retrofit land development project design in Palm Bay. The City adopted the manual and voluntary LID Ordinance to assist developers in meeting vulnerability and Total Maximum Daily Load stormwater discharge requirements to improve water quality per State regulation required by the Clean Waterways Act.

2. HOUSE APPROPRIATIONS (FDEP NON-POINT SOURCE SURFACE WATER QUALITY ASSISTANCE GRANT)

Awarded \$160,000 to perform the Turkey Creek Restoration Feasibility Study, Palm Bay, FL, Turkey Creek is an impaired tributary of the Indian River Lagoon, which is the outfall for all NE basins in Palm Bay. It has degraded substantially environmentally and ecologically from pre-development times, when it was sand-bottomed and supported abundant fisheries and wetland species.

3. DRISKELL HEIGHTS STORMWATER RETROFIT

A stormwater retrofit project to decrease vulnerability in the Driskell Heights subdivision. The subdivision was constructed prior to environmental resource permitting rules between the Indian River Lagoon and the Upper St. John's River floodplains. Because of a high water table and flat slopes, green infrastructure was implemented in smaller subbasins to achieve greater flood attenuation closer to the source of runoff, and water quality enhancement.



THOMAS J. GALLOWAY, PSM
PROJECT SURVEYOR

Years of Experience: 33

Education:

B.S. in Surveying and Mapping, University of Florida

Licenses & Certifications:

Professional Surveyor & Mapper - FL (No. 6549)
 NCEES Council No. 1291

Key Skills / Qualifications:

- Surveying and management
- Highway projects
- Land development
- Commercial and private projects
- Municipal projects
- Park improvements projects

Overview:

Mr. Galloway has extensive experience in the surveying and mapping profession and has a Bachelor of Science of Surveying and Mapping from the University of Florida. His experience ranges from working in the field and office on small to large development projects, to serving as party chief/survey CADD technician, project manager, and survey manager. Mr. Galloway has served as Principal and Director of the Surveying Division of the firm since its establishment in 2001. He has overseen the department's growth from two survey crews to managing the current seven survey crews. Additionally, he has been personally involved in over 2,500 surveys while at CPH.

1. ISLAMORADA FILLS VISION PLAN - CPH and the Village of Islamorada plan to protect public health and safety, conserve natural and historical resources, facilitate appropriate resource-based public outdoor recreational uses, and enhance our quality of life. The Village of Islamorada and CPH are working on carrying out a community-driven master planning process for the Fills. The master planning process is expected to result in the adoption of a master plan which can then be implemented to the benefit of Islamorada, its people, the State of Florida and all concerned. Vision planning for the three (3) mile linear park.

2. FKAA NAS BOCA CHICA - FIRE PUMPING STATION - The Naval Air Station (NAS) Key West currently utilizes FKAA-owned fire and water distribution facilities at the naval base. CPH designed the replacement of three pumps (2,000 GPM each), which included two new diesel pumps, one electric pump, electrical components and controls, and replacement of all associated pipes and valves within the fire pump station. CPH worked with FKAA and the Navy during design, permitting, and construction of the project. CPH completed construction engineering and inspection services (CEI) throughout the construction of the project.

3. FKAA - KEY WEST TERMINUS - KEY WEST, FL - CPH has been contracted by the Florida Keys Aqueduct Authority for Design, Permitting, and Construction services for replacement and rerouting of approximately 10,000 linear feet of potable water transmission main in the City of Key West. The transmission main feeds the Key West Terminus pump station, two 500,000 gallon ground storage tanks, and is the main source of potable water for the City of Key West. The project also included the structural analysis of the existing pump station and design of repairs.



PAUL J. KATREK, PSM
PROJECT SURVEYOR

Years of Experience: 31

Education:

A.S. in Architecture & Building Technology, Daytona Beach Community College

Licenses & Certifications:

Professional Surveyor & Mapper - FL (No. 6233)
NCEES Record No. 1342

Key Skills / Qualifications:

- Surveying and management
- Highway projects
- Land development/commercial and private projects
- Municipal projects

Overview: Mr. Katrek has extensive experience in the surveying and mapping profession. His experience ranges from working in the field and office on small to large development projects, to serving as an Instrument Man, Party Chief/Survey CADD Technician, Project Manager and Survey Manager. Mr. Katrek is proficient in the use of computer software programs and field equipment such as: AutoCAD Land Development Desktop, TDS-Data Collection hardware and software, Topcon & Leica total stations, Trimble Post Processing Software, Leica GPS Equipment, and C & G Software.



1. US 17-92 RIVERWALK, PHASES II & III (FDOT LAP) - Phase II - The FDOT LAP project included 1.5 miles of 10–14-ft-wide trail, replacement of 5,500 feet of seawall along Lake Monroe, trailhead parking, a prefabricated pedestrian bridge over Mill Creek, hardscaping, landscaping, and lighting. Phase III - CPH provided planning, survey, and design services for a new 1.7-mile, 12-ft-wide trail that was part of a multi-phase project funded through a joint partnership with FDOT. This project followed the complete streets design elements with the provision of a multi-use trail, roadway safety improvements, traffic-calming design, roadway & trail lighting, utility design, structural seawall design, drainage improvements/design, irrigation design, beautification, hardscape and landscape design, scenic overlooks of Lake Monroe, way-finding design, pedestrian mid-block crossings (rectangular rapid flashing beacons), traffic studies, survey, and wetland mitigation.

2. FKA A NAS BOCA CHICA - FIRE PUMPING STATION - The Naval Air Station (NAS) Key West currently utilizes FKA A-owned fire and water distribution facilities at the naval base. CPH designed the replacement of three pumps (2,000 GPM each), which included two new diesel pumps, one electric pump, electrical components and controls, and replacement of all associated pipes and valves within the fire pump station. CPH worked with FKA A and the Navy during design, permitting, and construction of the project. CPH completed construction engineering and inspection services (CEI) throughout the construction of the project.

3. FKA A - KEY WEST TERMINUS - KEY WEST, FL - CPH has been contracted by the Florida Keys Aqueduct Authority for Design, Permitting, and Construction services for replacement and rerouting of approximately 10,000 linear feet of potable water transmission main in the City of Key West. The transmission main feeds the Key West Terminus pump station, two 500,000 gallon ground storage tanks, and is the main source of potable water for the City of Key West. The project also included the structural analysis of the existing pump station and design of repairs.



Dean Audet, PE

Program Manager

“Solving complex engineering challenges is what primarily drives me. I like working with our clients to develop holistic solutions that best meet their long-term needs, not only from a design standpoint, but from a financial one as well. This includes thinking outside of the box to find the most suitable funding sources and creative engineering options.”

daudet@fando.com

401.533.5978

EDUCATION

BS, Civil Engineering - 1986
University of Connecticut

ME, Environmental Engineering -
1998 University of Hartford

LICENSES & REGISTRATIONS

Professional Engineer CT
Professional Engineer RI
Professional Engineer MA

PROFESSIONAL AFFILIATIONS

American Public Works Assoc
American Society of Civil
Engineers
New England Water Env Assoc
Water Environment Federation

EXPERIENCE

37 Years Professional Experience

Dean leads our Water and Natural Resources Business Line. Throughout his career, he has completed a wide range of civil and environmental engineering projects, working with multiple technical disciplines. These projects have included drainage assessments, flood resilience, stormwater management, watershed management, wastewater, solid waste, and land development. Dean’s principal strength has been managing large and complex multidisciplinary projects, where his range of technical experience is very valuable.

Dean specializes in planning, designing, and constructing green infrastructure. He was an early adapter of green infrastructure in the 1980s, where he developed green infrastructure design approaches to better manage stormwater from both public roads and individual sites. In the 1980s and 1990s, he developed a range of infiltration practices and other methods to reduce the volume of runoff that is discharged from the site and incorporated, what today would be known as subsurface infiltration, bioretention, filter strips, and rain gardens.

REPRESENTATIVE PROJECTS:

CIRCA Resilient CT Phase III - Flood Resilience

Planning and Design, Danbury, Fair Haven,

Branford, CT: Project Director for development of conceptual designs to increase flood resilience and resilience to heat impacts in three CT communities. Projects involve assessment and modeling of drainage, riverine, and coastal flooding; development and modeling of alternative solutions to mitigate flooding and heat impacts; development of conceptual designs; and benefit cost analysis.

Wood-Pawcatuck Watershed Flood Resilience

Planning and Implementation, Wood-Pawcatuck

Watershed Association, CT and RI: Project Director for a flood resilience management plan and the removal of the Lower Shannock Falls Dam. Both projects were intended to increase resiliency to a

watershed that has been challenged with riverine and drainage-related flooding. The management plan involved assessing the watershed for vulnerability to flooding and erosion, as well as developing management recommendations and conceptual designs to protect and enhance resiliency of watershed communities and to restore aquatic ecosystems. The removal of Lower Shannock Falls Dam was the first full dam removal project in Rhode Island. It was removed to restore fish passage. This portion of the project included detailed modeling, assessment and characterization of adjacent wetland resources, and analyses of flood of and seasonal fish passage flows.

Pocasset River Watershed Flood Control Plan, Cranston and Johnston, RI: Led the development of a comprehensive watershed plan designed to protect existing communities and infrastructure that are currently in the floodplain and that routinely flood. The plan utilizes a hybrid approach of green and gray infrastructure in order to maximize the resiliency of the watershed to future flooding. This includes removal of more than 150 structures and restoring that property to natural floodplain, flood-proofing of some selected structures, and construction of two new flood walls and pump stations.

Foddering Farm Road Low Lying Road, Narragansett, RI: Principal-in-Charge working with the Town to develop a plan to reduce flood risk on a low-lying causeway in Point Judith Pond. Fuss & O'Neill has developed several alternatives to progressively address increased flood risk. We are now working with the Town to secure sources of funding for the next phase.

Resilient Main Street, Wareham, MA: Principal-in-Charge for neighborhood flood resilience program, for the central business district in Wareham. This project includes vulnerability and risk assessments and development of alternatives. Alternatives are being developed in a manner to reduce flood risk while promoting economic redevelopment and creating public recreational resources and shoreline access.

Whitwell Avenue Flood Resiliency, Newport, RI: Whitwell Avenue is a low-lying neighborhood in Newport that has a number of drainage problems, resulting in flooding of City streets and private property. Dean is identifying potential alternatives to address the drainage problems in this neighborhood. As part of this project, the team modeled the projected impacts that sea level rise will have on the system. For this study, three alternatives were developed and assessed. The first two are conventional options: increasing pipe size and diverting part of the stormwater into a new bypass system. The third option includes an innovative design where stormwater would be temporarily stored in a dedicated storage system above the existing drainage system.

Narrow River Phase II Green Infrastructure Improvements, Narragansett, RI: Led the preliminary design of the next phase of green infrastructure improvements for three subwatersheds in the Narrow River that drain approximately 150 acres. This watershed is mostly comprised of high-density residential. Designed controls include subsurface infiltration, bioretention, and bioretention tree pits.



David Judice, PE

Senior Project Manager

EXPERIENCE

35 Years

EDUCATION

Bachelor of Science,
Civil Engineering,
University of Louisiana
LaFayette, 1988

REGISTRATIONS/ CERTIFICATIONS

Professional Engineer:
Louisiana #48171
Texas #91854

David has over 35 years of civil engineering experience, including an impressive history of project management and delivery for complex initiatives. Most recently, he has managed municipal water and sewer projects in Louisiana, coordinating end-to-end project delivery and assisting in the design and construction phases of infrastructure initiatives such as sewer lift stations, water treatment plants, wastewater treatment plants and gravity sewer mains.

David spent 14 years as a transportation engineer for the Texas Department of Transportation (TxDOT), leading design teams in the development of plans, specifications and estimates (PS&E) for multi-million-dollar projects while ensuring on-time and on-schedule project delivery. He also functioned as construction project manager, providing oversight and ensuring compliance with specifications. He has vast industrial water treatment experience through technical engineering support, consulting, sales and area management.

RELEVANT EXPERIENCE - PRIOR FIRMS

Sustainable Design Solutions: Project Manager (2023-2024). David was assigned as the Project Manager for Clean Water Shreveport, he was responsible for the end-to-end project delivery of water and sewer projects. David acted as a liaison between stakeholders, assisting in the design and construction phases of various projects, including sewer lift stations, water treatment plants, wastewater treatment plants, and gravity sewer mains. He was directly responsible for project delivery in all facets during the design stage, ensuring alignment with project objectives, timelines, and budgetary constraints. David oversaw projects in construction, ensuring the effective execution of design plans, compliance with specifications, and adherence to safety protocols. He collaborated with cross-functional teams, including designers, engineers, contractors, and regulatory authorities, to facilitate smooth project execution. David manages project budgets, resources, and timelines, identifying and mitigating risks to ensure successful project outcomes. Additionally, he served as a point of contact for stakeholders, providing regular updates on project progress, addressing concerns, and ensuring customer satisfaction. Implement best practices in project management to optimize efficiency and streamline project delivery processes. He conducted regular site visits to monitor construction progress, address issues, and ensure adherence to quality and safety standards. David has a proven track record of successful project management, delivering on time and within budget. He has expertise in developing, implementing, and managing project plans, budgets, and timelines. He also has excellent organizational, communication, and problem solving skills with the ability to manage multiple projects simultaneously. Other responsibilities included responding to RFI's, creating MCA's, and processing change orders.

Texas Department of Transportation: Transportation Engineer (2015-2023).

David led the design team in the development of Plans, Specifications, and Estimates (PS&E) for multi-million dollar projects, ensuring on-time and on-schedule delivery. He managed all project deliverables required for creating



David Judice resume continued

a comprehensive PS&E, maintaining high standards of quality and adherence to TxDOT standards. He served as the Project Manager for multi-million dollar contracts assigned by consultants, overseeing the delivery process and ensuring contract requirements were met. David also functioned as the Construction Project Manager, providing oversight for projects under construction by contractors, ensuring compliance with specifications and project timelines. He collaborated with cross-functional teams, including Planning, Surveying, Traffic, Pavement Design, Area Offices, and Maintenance Offices, working collectively to develop deliverables for creating PS&E packages. David coordinated with directors to align project objectives with organizational goals and standards. He also ensured effective communication and collaboration among team members to achieve project milestones. David managed and maintained relationships with contractors, consultants, and various stakeholders involved in the project lifecycle. He designed and managed projects related to public transportation, including road and bridge construction. Additionally, he conducted research on the latest methods of transportation engineering and proposed design solutions for existing infrastructure. David developed cost estimates and timelines for transportation projects prepared plans and technical specifications for roadways, bridges, and other infrastructure. He coordinated with other engineers, contractors, and public officials to ensure projects were completed on time and within budget. Other task included monitoring construction progress and provided detailed reports, performing calculations and analyses for traffic flow, pavement design, and drainage systems, and conducting site visits to observe and inspect construction and repair projects. David utilized software programs such as MicroStation, and ArcGIS to create detailed designs and drawings.

Nalco Champion: Senior District Sales Representative (2011-2015). David managed complex sales accounts within the Northeast Texas region, serving as the lead in both developing new customer sales and maintaining existing accounts. He spearheaded sales and service efforts for production chemicals, providing customized solutions to enable customers to increase well production, decrease costs, and extend the life of the well. David also acted as the lead sales and service engineer for chemical products and application services specifically tailored for well fracturing operations. In this role, he developed and executed strategic initiatives to identify and secure new business opportunities, contributing to the expansion of the customer base. David collaborated closely with clients to understand their unique needs, providing technical expertise and recommending optimal chemical treatment solutions. He also conducted thorough analyses of well production processes, identifying opportunities for improvement and offering tailored chemical solutions to enhance overall efficiency. David worked closely with cross-functional teams, including production and field service teams, to ensure seamless integration of chemical products and services. He provided ongoing support to clients, addressing technical inquiries, troubleshooting issues, and ensuring the successful implementation of chemical treatment programs. Additionally, David stayed abreast of industry trends, emerging technologies, and competitor activities to inform sales strategies and maintain a competitive edge.

Ashland Hercules Water Technologies: Senior Account Manager (2008-2011). David served as the Area Manager overseeing the Northeast Texas Area and Oklahoma Region for the Paper Mill Industry. He managed and maintained existing accounts while actively engaging in new business development initiatives. David also successfully achieved and exceeded sales targets, responsible for \$10 multi-million in yearly sales revenue. David specialized in Water Treatment and Pulp and Paper Applications, providing tailored solutions to meet the unique needs of clients in the Paper Mill Industry. He implemented chemical treatment applications for various processes, including internal water treatment of 1250 psig. black liquor recovery boiler systems, 1250 psig. Power Boilers, cooling towers, surface water clarification, reverse osmosis, demineralizer (ion exchange units), closed-loop chemical treatment applications, wastewater clarification, and defoamer applications. David collaborated with clients to understand their specific requirements, offering expert advice and customized solutions to enhance operational efficiency and meet regulatory standards. He established and nurtured strong relationships with key stakeholders, including decision-makers within client organizations. Additionally, David conducted regular market analysis to identify new business opportunities and stay informed about industry trends. As well as, led a high performing team, providing guidance and support to ensure the successful execution of sales and service initiatives.



David Burton, II, PMP, PWAM

Vice President, Alabama and Florida



15 YEARS OF EXPERIENCE

David has experience in engineering studies, construction, inspection, surveying, condition assessment, and project management for water resources projects, with an emphasis on water and wastewater collection, conveyance, and distribution. His project experience includes the evaluation, installation, and rehabilitation of large-diameter pipelines and collection and distribution system pipelines, evaluation and assessment of water storage tanks, and collection and distribution system operation and maintenance. He has successfully implemented projects involving inventory, condition assessment, analysis, and rehabilitation/replacement of buried utility infrastructure across the country and internationally.

RELEVANT EXPERIENCE

City of Jackson Consent Decree - Sewer System Evaluation Survey, Jackson, Hinds County, MS: Project Manager. David served as project manager for this project. This project was for a Sewer System Evaluation Survey for the City of Jackson, Mississippi as part of the Consent Decree.

Vertical Asset Management Prioritization and CMMS Conversion Project, Jefferson County, AL: Project Manager. David served as project manager for this project. Waggoner was responsible for guiding the development of the Asset Management Vision, developing a gap analysis and future state vision for maintenance of vertical assets, and providing requirements for the configuration of the Cityworks application for work and asset management. Waggoner also drafted the risk criteria to apply enterprise-wide, including establishing custom consequences and probability of failure factors and weighting. These risk criteria will be used to support capital planning decision-making for the more than \$380 million-dollar annual budgeted expenses of the utility.

Greenwood Utilities Asset Management Plan, Greenwood, Leflore County, MS: Project Manager. David served as project manager for this project. Waggoner developed an Asset Management Plan (AMP) for Greenwood Utilities to develop a risk-based capital improvement plan (CIP) to serve as a guide for systematic investment in its water infrastructure.

Greenwood Utilities Efficiency & Effectiveness (E&E) Study, Greenwood, Leflore County, MS: Project Manager. David served as project manager for this project. Waggoner collected information, obtained and compiled feedback, identified efficiency and effectiveness improvements, prepared E&E program, and developed intranet site requirements.

City of Meridian Wastewater Consent Decree Program, Meridian, Lauderdale County, MS: Project Manager. David served as project manager for this project. For this project, the objectives are to assist the City in meeting the Consent Decree requirements and improving the wastewater collection, transmission system, and wastewater treatment plants to meet regulatory requirements and provide

EDUCATION

Bachelor of Science, Business Administration, Auburn University, 2006

REGISTRATIONS/ CERTIFICATIONS

Professional Water Asset Manager #0012

Project Management

Pipeline Assessment Certification Program; Lateral Assessment Certification Program; Manhole Assessment Certification Program #U-0421-70401677

PMI Agile Certified Practitioner #2317086

Certification of Training in Asset Management

Certified Environmental Specialist

OSHA 8 Hour Construction/General Studies

AWWA Utility Risk and Resilience Certificate

PROFESSIONAL ASSOCIATIONS

American Water Works Association (AWWA)

Police Jury Association

Water Environment Federation (WEF)

affordable wastewater services to the community. While simultaneously developing a system that the Public Works Department (PWD) staff can operate efficiently and effectively.

Asset Management Plan Development, Prichard, AL: Project Manager. David served as project manager for this project. Waggoner is working to develop an asset management plan for the Wastewater and Sewer Board of Prichard, AL.

Lexington Railroad Crossing Evaluation: Project Manager. David served as project manager for this project. In coordination with SDE Engineering, Waggoner is working to support the City of Lexington in the evaluation of a 12-inch water main railroad crossing. Waggoner is also recommending actions that need to be taken in order to rehabilitate or replace the main.

Confidential Industrial Client, Jackson, Hinds County, MS: Principal. David served as project manager for this project. The Waggoner team developed the MDEQ Voluntary Evaluation Program (VEP) application and developed a Site Remedial Investigation Work Plan. Waggoner coordinated with MDEQ officials regarding the site to continue implementation, management, and completion of the MDEQ approved work plan.

WWSBP - Consent Order Program Management 2023, Prichard, AL: Principal. As Project Manager, David served as project manager for this project. Waggoner provided technical support for the Wastewater and Sewer Board of Prichard, AL consent order.

City of Jackson Consent Decree Program Management, Jackson, Hinds County, MS: Project Manager. David served as project manager for this project. Program Management services were provided for the City of Jackson in efforts to bring the City to compliance with the standards imposed under the Environmental Protection Agency (EPA) Consent Decree. Some of the major services provided consist of required regulatory reporting, assistance with the development and implementation of the capacity, management, operations, and maintenance (CMOM) programs, and project management services to manage Consent Decree projects contracted directly by the City.

Madison County Watershed-Based Stormwater Management Program, Madison, Madison County, MS: Project Manager. David served as project manager for this project. The program's purpose was to identify, analyze, quantify, prioritize, and develop a short and long-term implementation plan for both capital and maintenance requirements needed to address drainage-related deficiencies throughout unincorporated and incorporated areas of the County. The project scope encompassed all 33 of the County watersheds delineated at the 12-digit Hydraulic Unit Code (HUC 12) level and will include site assessment and evaluations of multiple locations throughout the county.

Jackson County Drainage and Dredging Planning and Funding, Pascagoula, Jackson County, MS: Project Manager. David served as project manager for this project. Waggoner developed and implemented an integrated watershed-based stormwater management approach to its existing GOMESA Priority Implementation Plan to better align plans and resources to supplement its ongoing efforts to reduce the impacts of flooding, improve water quality, and mitigate the impacts of other hazards.

Opelika Watershed Project, Opelika, Lee County, AL: Principal. As Project Manager, David served as project manager for this project. Waggoner conducted an ongoing program to optimize utility operations. The effort included development of an asset management plan, evaluation of impacts of industrial operations on water quality within the watershed, and an enhanced approach for real-time data access to key operating parameters.

Confidential Industrial Client: Project Manager. David served as project manager for this project. For this project, Waggoner explored membrane technology options to meet needs on drinking water and for use in operations for a confidential industrial client.

WWSBP - Water Loss Investigation, Prichard, AL: Project Manager. David served as project manager for this project. Waggoner assessed water loss for the client, and develop potential solutions to cut down on water loss issues.

7. QUALIFICATIONS



PROJECT PROFILE:

Cost: \$9 Million

Project Duration: 2020 - Ongoing

TEAM MEMBERS INVOLVED:

Kyle M. Bechtelheimer, P.E., Amanda Martin, E.I.



CITY OF EVERGLADES WWTF - **CITY OF EVERGLADES CITY, FL**

The City of Everglades City currently owns and operates a 0.16 Million Gallons per Day (MGD) Wastewater Treatment Facility (WWTF). The WWTF is out of compliance with FDEP, and a Consent of Final Judgement was issued to the City to completely replace the WWTF. The City has contracted with CPH to complete the design, permit, and certify construction of the new WWTF. The project includes full plant replacement, including primary, secondary, and tertiary treatment. The WWTF will meet Advanced Wastewater Treatment standards and be designed to be resilient for future environmental concerns. Design includes sea level rise analysis and alternative methods of effluent disposal, as well as how to best accommodate wet weather flows from king tides and heavy rainfall.



PROJECT PROFILE:

Cost: \$3,884,185

Project Duration: 2016 - 2021

TEAM MEMBERS INVOLVED:

Amy E. Daly, LEED AP, Todd H. Hendrix., P.E., CGC, Jose M. Ortiz, MCE, P.E., S.E.



MONROE COUNTY FIRE STATION – CUDJOE KEY - **MONROE COUNTY, FL**

CPH provided pre-design phase/programming, Schematic Design, Design Development, Construction documents, Bidding and Permitting assistance, and Construction Administration for a new 7,500-SF Fire Station on Cudjoe Key. Additional services provided included site plan review, civil engineering, landscape architecture, and FDOT Review and Florida Green Build criteria. The building was designed to meet or exceed Florida Green Building Coalition (FGBC) standards.

The overall project included three drive-thru bays, native landscape materials requiring minimum irrigation, workout room, large kitchen, outdoor spaces for building users, roof materials with high solar reflectance, hurricane-resistant glazing, door and roof systems, building insulation with high R-value, low-E glazing system, site lighting and interior lighting with LED fixtures, high efficiency HVAC equipment, high efficiency water heaters, construction waste control and recycling, flood protection, and a diesel generator.



PROJECT PROFILE:

Cost: \$4,000,000

Project Duration: 2019 - 2019

TEAM MEMBERS INVOLVED:

Kyle M. Bechtelheimer, P.E., Todd H. Hendrix., P.E., CGC,



FKAA - CROSS KEY WASTEWATER TREATMENT PLANT (WWTP) - FLORIDA KEYS, FL

The Cross Key WWTP project is focused on designing a central wastewater collection system for a residential community in the Florida Keys. Multiple septic tanks, as well as several wastewater-holding tanks currently serve Cross Key. The wastewater holding tanks are pumped out weekly and hauled out of the Keys to a wastewater treatment plant. The Florida Keys Aqueduct Authority (FKAA) contracted CPH to complete an assessment of the existing sanitary sewer flows within the area, and to propose feasible solutions to treat the wastewater flow.

CPH is now in design of a 40,000-gallons-per-day (maximum daily flow) wastewater treatment plant to serve the community. The design includes a Modified Ludzack-Ettinger process with shallow injection wells for disposal. CPH is designing the full low-pressure collection system for the community, including 30 E-One Grinder Pump Stations and low-pressure force main to convey wastewater to the new WWTP. CPH performed the survey, ecological assessment, and will be designing all civil, structural, and architectural components of the WWTP and its accessory structures. CPH will be completing all permitting efforts, including Monroe County Major Conditional Use permit, FDEP, and FDOH permits.



PROJECT PROFILE:

Cost: \$6.46 Million

Project Duration: 2015 - Ongoing

TEAM MEMBERS INVOLVED:

Benjamin M. Fries, Yinhui (Lucida) Xu, Ph.D., P.E., BCEE, ENV SP



DUNES COMMUNITY DEVELOPMENT DISTRICT WWTP IMPROVEMENTS - PALM COAST, FL

CPH was selected to provide planning, design, permitting, and construction services for the DCDD WWTP improvements. The current Dunes WWTP includes three SBR trains (0.125 MGD, 0.125 MGD, and 0.25 MGD, respectively) for a total capacity of 0.5 MGD. The Dunes desired to add additional SBR process treatment capacities and improve the associated sludge digesting and drying facilities.

CPH was responsible for reviewing the existing conditions and the infrastructures and developing the best approaches for the DCDD WWTP improvements. CPH first conducted a biosolids treatment and disposal study and evaluated seven options to determine the most effective and energy-efficient method for the Dunes biosolids treatment. CPH then performed preliminary design of the SBR treatment system followed by FDEP permit modification. Overall, the WWTP expansion includes: (1) addition of equalization basins for the existing treatment facility and the new expansion; (2) addition of one, 0.21 MGD SBR treatment process; (3) new aerobic digesters; (4) sludge thickening improvements by adding a dewatering box and rehabbing the existing sludge drying beds; (5) demolition of the existing digesters and use of the site to build a new storage room; and (6) all the associated electrical and control improvements.

CPH prepared all the bid documents and assisted in the bidding process, including attending the pre-bidding meeting, issuing addenda, tabulating and evaluating the bid results, and making recommendations of the Award. Currently, CPH is assisting the contractor in obtaining the building permit. Construction is expected to start by the end of March 2018. CPH is contracted by DCDD to provide construction services, including but not limited to attending pre-construction and progress meetings, reviewing payment applications, observing construction, answering RFIs, reviewing change order requests and making recommendations, start-up testing, and project close-out. Discussion of construction sequences and schedule is underway to ensure that the existing WWTP will maintain normal operation during construction.



PROJECT PROFILE:

Cost: \$1,663,900.00



Project Duration: 2011 - 2015

TEAM MEMBERS INVOLVED:

Amy E. Daly, LEED AP, Thomas J. Galloway, PSM, Paul J. Katrek, PSM

TOWN OF OAKLAND WATER SYSTEM IMPROVEMENTS PROJECT - OAKLAND, FL

The Town authorized services for CPH to design, permit, bid, and provide construction administration for improvements to their existing water system. The improvements were originally recommended in the master plan effort previously performed for the Town by CPH. In addition, CPH assisted the Town with obtaining a FDEP SRF loan for \$1.973 Million to install the water system improvements. The improvements include the following:

- 0.500-million-gallon ground storage tank
- 3,750 gallon/minute high service pumping (one @750 GPM/two @ 1,500 GPM)
- 1,415 linear feet of 8-inch replacement raw water main
- 217 linear feet of 12-inch new raw water main (on-site piping)
- 170 linear feet of 16-inch potable water main for discharge connection
- 350 SF electrical/pump building
- Extensive landscape architecture to help screen the ground storage tank
- Conversion of the existing passive park to an active park, including future splash pad
- SCADA upgrade and improvements

During the preliminary design effort, CPH recommended a pre-engineered building to house the three high service pumps, the new MCC, and a new automatic transfer switch for the existing generator. The Town approved the concept, and CPH worked directly with the building vendor to properly design and specify the necessary features of the building. Other key design features included piping, valves, and control of a new connection to the existing elevated storage tank to keep it as a viable component of the water system. The control feature is intended to allow automatic fill and drainage of the tank, so that the free chlorine residual can be maintained, the water not stagnate, and the water to be available during an emergency event like a water line break, or a fire flow event.



PROJECT PROFILE:

Project Duration: Ongoing



TEAM MEMBERS INVOLVED:

Dean Audet, P.E.

COASTAL VULNERABILITY ACTION PLAN - MANCHESTER-BY-THE-SEA, MA

The town of Manchester-By-The-Sea received a grant from the Office of Coastal Zone Management to reduce coastal flood risks and increase coastal resilience. Fuss & O'Neill, in partnership with Woods Hole Group, was hired to complete a Coastal Vulnerability Plan that will identify alternatives to protect critical infrastructure within the downtown inner harbor waterfront.

Two primary services being provided as part of this Plan are coastal modeling and quantifying flooding probability. These tasks began by compiling base mapping, performing site observations, and collecting elevation information. These data were used to develop nuisance-based flood elevations and sea level rise imagery, as well as to leverage available Massachusetts coastal flood risk model projections to map coastal flood exceedance probability and water surface elevation throughout the study area. Available sea level affecting marshes model data was leveraged to assess projected habitat change in the study area and identify barriers to salt marsh migration. Fuss & O'Neill is identifying constructable and permittable neighborhood-scale and site-scale alternatives that have the potential to reduce flood risk and for sea level rise scenarios. These alternatives maximize the potential of nature-based and hybrid design approaches. We are proposing phasing of improvements to match several future climate risk scenarios.



PROJECT PROFILE:

Project Duration:
Completed in 2021



TEAM MEMBERS INVOLVED:

Dean Audet, P.E.

CLIMATE CHANGE VULNERABILITY ASSESSMENT FOR WATER QUALITY INFRASTRUCTURE - **BUZZARDS BAY NATIONAL ESTUARY PROGRAM – NEW BEDFORD, ACUSHNET, AND FAIRHAVEN, MA**

The City of New Bedford and the Towns of Acushnet and Fairhaven have significant exposure to coastal flooding given their location on Buzzards Bay and along New Bedford Harbor and the Acushnet River. Climate change and resulting sea level rise will significantly increase the threat of coastal flooding by not only increasing the depth of water but also increasing storm surge and waves.

Fuss & O'Neill with Applied Science Associates (ASA) was part of a team led by SeaPlan to develop this climate change vulnerability assessment. Fuss & O'Neill's role was to use the coastal flood modeling results by ASA in order to identify at-risk Water Quality Infrastructure. We then assessed each at-risk facility to determine what improvements would be required to protect that facility for specific coastal storms, and then developed costs and an implementation to protect that infrastructure. Most of the at-risk infrastructure consisted of pump stations in low-lying areas.

8. REPRESENTATIVE PROJECTS AND CLIENT REFERENCES

We have worked with many of our clients for more than 43 years. These long term relationships have afforded us many opportunities to meet our client's needs and planning services. Over the years, as their population increased, regulations changed, or needs changed, CPH acted as their continuing design firm providing planning for improvements, design, funding assistance, and construction administration.

Client	Project / Brief Description
<p>CITY OF PALM COAST (SINCE 1998) Steve Flanagan, Utility Director Phone: 386.986.2354 Email: sflanagan@palmcoastgov.com</p>	<ul style="list-style-type: none"> • Palm Coast WTP #3 Concentrate Reuse and Recovery • Palm Coast Water Treatment Plant No. 2 Nanofiltration Concentrate Discharge AO Compliance Study • Palm Coast WWTP No. 2- AWT MBR • Palm Coast Wastewater Treatment Facility No. 1 Expansion and Upgrades • City of Palm Coast - SRF Funded Swale Rehabilitation Project
<p>MONROE COUNTY (SINCE 2015) Cary Vick, Project Manager Phone: 305.295.4339 Email: vick-cary@monroecounty-fl.gov</p>	<ul style="list-style-type: none"> • Monroe County Fire Station - Cudjoe Key • Harry Harris Park Jetty and Wilkinson's Point • Marathon Tax Collector Seawall • Higgs Beach Seawall Repair
<p>CITY OF SANFORD (SINCE 1958) Mayor Art Woodruff Phone: 407.688.5001 Email: Art.woodruff@sanfordfl.gov</p>	<ul style="list-style-type: none"> • Pump Branch Stormwater Master Plan and Georgetown Drainage Improvements • Sanford 1st Street Streetscape and Gateway Improvements • St. Johns Parkway (Phases I, II, III) • 2nd Street Drainage Improvements • Sanford's US 17-92 Beautification, Phase I • Sanford South Water Resource Center • Sanford North Wastewater Treatment Plant • Mayfair Water Treatment Plant
<p>TOHO WATER AUTHORITY (SINCE 2006) Robert Pelham, P.E., Engineering Phone: 407.944.5132 Email: RPelham@tohowater.com</p>	<ul style="list-style-type: none"> • Toho Water Authority (Toho) Program Management Services (PMO) • Toho I Gravity Sewer Rehabilitation Replacement Project Phase 2 • Main Street Sewer Improvements - Toho Water Authority • Toho Lift Station No. 4P Replacement
<p>FLORIDA KEYS AQUEDUCT AUTHORITY - FKA (SINCE 2019) Emmy Koenig McDowell, P.E., Associate Engineer Phone: 305.295.2136 Email: emcdowell@fkaa.com</p>	<ul style="list-style-type: none"> • Key West Terminus - Key West, FL • NAS Boca Chica - Fire Pumping Station • Crawl Key Ground Storage Tank (GST) • JRD Lime Room and Sludge Tank Repairs • Big Coppitt Disk Filters • Pigeon Key Wastewater Treatment Study • Cross Key Wastewater Treatment Plant (WWTP)


9. SWORN STATEMENTS **AND AFFIDAVITS**

Exhibit A: Affidavits and Certifications

ANTI-KICKBACK AFFIDAVIT

STATE OF Florida)
) : SS
COUNTY OF Orange)

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees of the City of Key West as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.


By: David E. Mahler, P.E. | Chief Operating Officer, Public Services 

Sworn and subscribed before me this 26th day of February 2024.

NOTARY PUBLIC, State of Florida, at Large



My Commission Expires:
10/11/2025
HH184826


SHELLEY MCHANAY
Notary Public
State of Florida
Comm# HH184826
Expires 10/11/2025

NON-COLLUSION AFFIDAVIT

STATE OF Florida)
 : SS
COUNTY OF Orange)

I, the undersigned hereby declares that the only persons or parties interested in this Proposal are those named herein, that this Proposal is, in all respects, fair and without fraud, that it is made without collusion with any official of the Owner, and that the Proposal is made without any connection or collusion with any person submitting another Proposal on this Contract.


By: 
David E. Mahler, P.E.

Sworn and subscribed before me this
26th day of February 2024

 HH 184826

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 10/11/2025

 **SHELLEY MCHANNEY**
Notary Public
State of Florida
Comm# HH184826
Expires 10/11/2025

SWORN STATEMENT UNDER SECTION 287.133(3)(A)
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

**THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER
AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid or Proposal for City of Key West - Wastewater
Treatment Plant Resilience Plan, RFQ 24-006-0-2024

2. This sworn statement is submitted by CPH Consulting, LLC
(Name of entity submitting sworn statement)

whose business address is 1992 SW 1st Street, Miami, FL 33135

_____ and (if applicable) its Federal Employer

Identification Number (FEIN) is 59-2068806

(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn
statement _____)

3. My name is David E. Mahler, P.E.
(Please print name of individual signing)

and my relationship to the entity named above is Chief Operating Officer, Public Services

4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any bid or contract for goods or services to be provided to any public or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.

5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies).

X Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

_____ There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

_____ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

_____ The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)



 (Signature)

February 26, 2024

 (Date)

STATE OF Florida

COUNTY OF Orange

PERSONALLY, APPEARED BEFORE ME, the undersigned authority,

David E. Mahler, P.E. who, after first being sworn by me, affixed his/her
 (Name of individual signing)

Signature in the space provided above on this 26th day of February, 2024.

My commission expires: HH 184826
10/11/2025



 NOTARY PUBLIC

RFQ #24-006
 KEY WEST WASTE/WATER TREATMENT PLANT RESILIENCE PLAN

SHELLEY MCHANNEY
 Notary Public
 State of Florida
 Commission # HH184826
 Expires **10/11/2025**

EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

STATE OF FLORIDA)
) : SS
COUNTY OF ~~MONROE~~)

SPD ORANGE

I, the undersigned hereby duly sworn, depose and say that the firm of _____

CPH Consulting, LLC

provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses, per City of Key West Code of Ordinances Sec. 2-799.

By: David E. Mahler, P.E.

Sworn and subscribed before me this 26th day of February 20 24.

NOTARY PUBLIC, State of Florida, at Large

Shelley McHaney

My Commission Expires:

HH 184826
10/11/2025

SHELLEY MCHANAY
Notary Public
State of Florida
Comm# HH184826
: 10/11/2025

CONE OF SILENCE AFFIDAVIT

STATE OF Florida)

: SS

COUNTY OF Orange)

I, the undersigned hereby duly sworn, depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of CPH Consulting, LLC have read and understand the limitations and procedures regarding communications concerning City of Key West Code of Ordinances Sec. 2-773 Cone of Silence.

By: David E. Mahler, P.E. 

Sworn and subscribed before me this 26th day of February 2024.

NOTARY PUBLIC, State of Florida, at Large

My Commission Expires: 

*HH 184826
10/11/2025*

SHELLEY MCHANEY
Notary Public
State of Florida
Commission# HH184826
Expires: 10/11/2025

RFQ #24-006
KEY WEST WASTEWATER TREATMENT PLANT RESILIENCE PLAN

Sec. 2-773. Cone of silence.

- (a) *Definitions.* For purposes of this section, reference to one gender shall include the other, use of the following definitions apply unless the context in which the word or phrase is used requires a different definition:
- (1) *Competitive solicitation* means a formal process by the City of Key West relating to the acquisition of goods or services, which process is intended to provide an equal and open opportunity to qualified persons and entities to be selected to provide the goods or services. Competitive solicitation shall include request for proposals (“RFP”), request for qualifications (“RFQ”), request for letters of interest (“RFLI”), invitation to bid (“ITB”) or any other advertised solicitation.
 - (2) *Cone of silence* means a period of time during which there is a prohibition on communication regarding a particular competitive solicitation.
 - (3) *Evaluation or selection committee* means a group of persons appointed or designated by the city to evaluate, rank, select, or make recommendation regarding a vendor or the vendor’s response to the competitive solicitation. A member of such a committee shall be deemed a city official for the purposes of subsection (c) below.
 - (4) *Vendor’s representative* means an owner, individual, employee, partner, officer, or member of the board of directors of a vendor, or a consultant, lobbyist, or actual or potential subcontractor or sub-consultant who acts at the behest of a vendor in communicating regarding a competitive solicitation.
- (b) *Prohibited communications.* A cone of silence shall be in effect during the course of a competitive solicitation and prohibit:
- (1) Any communication regarding a particular competitive solicitation between a potential vendor or vendor’s representative and the city’s administrative staff including, but not limited to, the city manager and his or her staff;
 - (2) Any communication regarding a particular competitive solicitation between a potential vendor or vendor’s representative and the mayor, city commissioners, or their respective staff;
 - (3) Any communication regarding a particular competitive solicitation between a potential vendor or vendor’s representative and any member of a city evaluation and/or selection committee therefore; and
 - (4) Any communication regarding a particular competitive solicitation between the mayor, city commissioners, or their respective staff, and a member of a city evaluation and/or selection committee therefore.
- (c) *Permitted communications.* Notwithstanding the foregoing, nothing contained herein shall prohibit:
- (1) Communication between members of the public who are not vendors or a vendor’s representative and any city employee, official or member of the city commission;
 - (2) Communications in writing at any time with any city employee, official or member of the city commission, unless specifically prohibited by the applicable competitive solicitation.
 - (A) However, any written communication must be filed with the city clerk. Any city employee, official or member of the city commission receiving or making any written communication must immediately file it with the city clerk.
 - (B) The city clerk shall include all written communication as part of the agenda item when publishing information related to a particular competitive solicitation.
 - (3) Oral communication at duly noticed pre-bid conferences;
 - (4) Oral presentations before publicly noticed evaluation and/or selection committees;
 - (5) Contract discussions during any duly noticed public meeting;
 - (6) Public presentations made to the city commission or advisory body thereof during any duly noticed public meeting;

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- (7) Contract negotiations with city staff following the award of a competitive solicitation by the city commission; or
 - (8) Purchases exempt from the competitive process pursuant to section 2-797 of these Code of Ordinances;
- (d) *Procedure.*
- (1) The cone of silence shall be imposed upon each competitive solicitation at the time of public notice of such solicitation as provided by section 2-826 of this Code. Public notice of the cone of silence shall be included in the notice of the competitive solicitation. The city manager shall issue a written notice of the release of each competitive solicitation to the affected departments, with a copy thereof to each commission member, and shall include in any public solicitation for goods and services a statement disclosing the requirements of this ordinance.
 - (2) The cone of silence shall terminate:
 - (A) At the time the city commission or other authorized body makes final award or gives final approval of a contract, rejects all bids or responses to the competitive solicitation, or takes other action which ends the competitive solicitation.
 - (B) At the deadline for submission of responses to the solicitation if only one vendor has responded.
 - (3) Any city employee, official or member of the city commission that is approached concerning a competitive solicitation while the cone of silence is in effect shall notify such individual of the prohibitions contained in this section. While the cone of silence is in effect, any city employee, official or member of the city commission who is the recipient of any oral communication by a potential vendor or vendor's representative in violation of this section shall create a written record of the event. The record shall include the date of such communication, the persons with whom such communication occurred, and a general summation of the communication.
- (e) *Violations/penalties and procedures.*
- (1) A sworn complaint alleging a violation of this ordinance may be filed with the city attorney's office. In each such instance, an initial investigation shall be performed to determine the existence of a violation. If a violation is found to exist, the penalties and process shall be a provided in section 1-15 of this Code.
 - (2) In addition to the penalties described herein and otherwise provided by law, a violation of this ordinance shall render the competitive solicitation void at the discretion of the city commission.
 - (3) Any person who violates a provision of this section shall be prohibited from serving on a City of Key West advisory board, evaluation and/or selection committee.
 - (4) In addition to any other penalty provided by law, violation of any provision of this ordinance by a City of Key West employee shall subject said employee to disciplinary action up to and including dismissal.
 - (5) If a vendor is determined to have violated the provisions of this section on two more occasions it shall constitute evidence under City Code section 2-834 that the vendor is not properly qualified to carry out the obligations or to complete the work contemplated by any new competitive solicitation. The city's purchasing agent shall also commence any available debarment from city work proceeding that may be available upon a finding of two or more violations by a vendor of this section.

CPH has reviewed the form below and provided revisions. However, we accept the insurance/indemnification terms of Exhibit C: Sample Contract, Section 7.8 and Section 7.9.

CITY OF KEY WEST INDEMNIFICATION FORM

PROPOSER agrees to ~~protect, defend,~~ indemnify, save and hold harmless The City of Key West, all its Departments, Agencies, Boards, Commissions, officers, City’s Consultant, agents, servants and employees, including volunteers, from and against any and all claims, debts, demands, expense and liability arising out of injury or death to any person or the damage, loss of destruction of any property which may occur or in any way grow out of any act or omission of the PROPOSER, its agents, servants, and employees, ~~or any and all costs, expense and/or attorney fees incurred by the City as a result of any claim, demands, and/or causes of action~~ except of those claims, demands, and/or causes of action arising out of the negligence of The City of Key West, all its Departments, Agencies, Boards, Commissions, officers, agents, servants and employees. ~~The PROPOSER agrees to investigate, handle, respond to, provide defense for and defend any such claims, demand, or suit at its sole expense and agrees to bear all other costs and expenses related thereto, even if it (claims, etc.) is groundless, false or fraudulent.~~ The City of Key West does not waive any of its sovereign immunity rights, including but not limited to, those expressed in Section 768.28, Florida Statutes. PROPOSER understands and agrees that any and all liabilities regarding the use of any subcontractor for services related to this agreement shall be borne solely by the PROPOSER. Ten dollars of the consideration paid by the City is acknowledged by PROPOSER as separate, good and sufficient consideration for this indemnification.

This indemnification shall be interpreted to comply with Section 725.06 and 725.08, Florida Statutes.

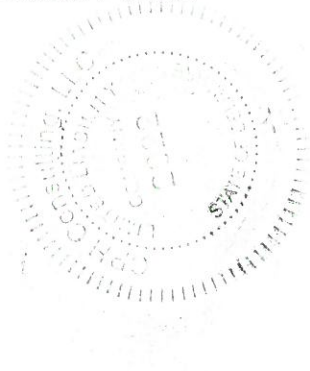
These indemnifications shall survive the term of this agreement. In the event that any action or proceeding is brought against the City of Key West by reason of such claim or demand, ~~PROPOSER shall, upon written notice from the City of Key West, resist and defend such action or proceeding by counsel satisfactory to the City of Key West.~~

~~The indemnification provided above shall obligate PROPOSER to defend at its own expense to and through appellate, supplemental or bankruptcy proceeding, or to provide for such defense, at the City of Key West’s option, any and all claims of liability and all suits and actions of every name and description covered above which may be brought against the City of Key West whether performed by PROPOSER, or persons employed or utilized by PROPOSER.~~

The PROPOSER’s obligation under this provision shall not be limited in any way by the agreed upon Contract Price as shown in this agreement, or the PROPOSER’s limit of or lack of sufficient insurance protection.

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COMPANY SEAL



PROPOSER: CPH Consulting, LLC

Address 1992 SW 1st Street

Miami, FL 33135

Signature *David E. Mahler*

David E. Mahler, P.E.

February 26th, 2024

Print Name

Date

Chief Operating Officer, Public Services

Title

NOTARY FOR THE PROPOSER

STATE OF Florida

COUNTY OF Orange

The foregoing instrument was acknowledged before me this 26th day of February, 2024

David E. Mahler, P.E.
By Chief Operating Officer, Public Services of CPH Consulting, LLC

(Name of officer or agent, title of officer or agent) (Name of corporation acknowledging)

or has produced N/A as identification, Personally Known,

Shelley McHaney
Signature of Notary

HH 184826
exp 10/11/25

SHELLEY MCHANAY
Notary Public
State of Florida

Print, Type or Stamp Notary Public Number HH 184826 Notary
10/11/2025

SUSPENSION AND DEBARMENT CERTIFICATION
CERTIFICATION REGARDING DEBARMENTS, SUSPENSION, INELIGIBILITY AND
VOLUNTARY EXCLUSION - LOWER TIER FEDERALLY FUNDED TRANSACTIONS

1. The undersigned hereby certifies that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

2. The undersigned also certifies that it and its principals:
 - a. Have not within a three-year period preceding this certification been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State anti-trust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - b. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 2.(a.) of this Certification; and
 - c. Have not within a three-year period preceding this certification had one or more public transactions (Federal, State or local) terminated for cause or default.

3. Where the undersigned is unable to certify to any of the statements in this certification, an explanation shall be attached to this certification.

Dated this 26th day of February, 2024

By: 
Authorized Signature/Contractor

David E. Mahler, P.E. | Chief Operating Officer, Public Services
Name/Title

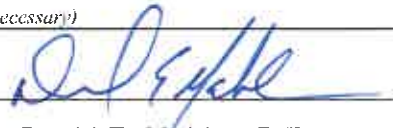
CPH Consulting, LLC
Contractor's Firm Name

1992 SW 1st Street
Address

Miami, FL 33135

DISCLOSURE OF LOBBYING ACTIVITIES

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

1. Type of Federal Action: a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	2. Status of Federal Action: a. bid/offer/application b. initial award c. post-award	3. Report Type: a. initial filing b. material change For Material Change Only: year _____ quarter _____ date of last report _____
4. Name and Address of Reporting Entity: Prime <input checked="" type="checkbox"/> Subawardee <input type="checkbox"/> Tier _____, if known: CPH Consulting, LLC 1992 SW 1st Street Miami, FL 33135 Congressional District, if known: _____		5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime: Congressional District, if known: _____
6. Federal Department/Agency:	7. Federal Program Name/Description: CFDA Number, if applicable: _____	
8. Federal Action Number, if known:	9. Award Amount, if known: \$	
10. a. Name and Address of Lobbying Entity <i>(if individual, last name, first name, MI):</i> <i>(attach Continuation Sheet(s))</i>	b. Individuals Performing Services <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i> <i>(attach Continuation Sheet(s))</i>	
1. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature:  Print Name: David E. Mahler, P.E. Title: Chief Operating Officer Public Services Telephone No.: 305.274.4805 Date: February 26, 2024	
Federal Use Only:		Authorized for Local Reproduction Standard Form - I.J.J. (Rev 7 - 97)

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INSTRUCTIONS FOR COMPLETION OF SELF-DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether sub-awardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by the reporting entity for this covered Federal action.
4. Enter the full name, address, city, state and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee", then enter the full name, address, city, state and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, state and zip code of the lobbying entity engaged by the reporting entity identified in item 4 to influence the covered Federal action.

(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title and telephone number.

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According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 30 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, D.C. 20503.

Form DEP 55-221 (01/01)

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PROHIBITED INTERESTS FORM AND NOTICE

I. David E. Mahler, P.E., Chief Operating Officer, Public Services certify that neither
(Printed Name) (Title)

CPH Consulting, LLC, 1992 SW 1st, Miami, FL 33135
(Company Name) (Company Address)

nor any of its subcontractors shall enter into any contract, subcontract or arrangement in connection with the project or any property included or planned to be included in the project in which any member, officer or employee of the agency or the locality during tenure or for 2 years thereafter has any interest, direct or indirect. If any such present or former member, officer or employee involuntarily acquires or had acquired prior to the beginning of tenure any such interest, and if such interests is immediately disclosed to the City of Key West, the City of Key West with prior approval of the Division of Emergency Management and the Department of Economic Opportunity, may waive the prohibition contained in this paragraph provided that any such present member, officer or employee shall not participate in any action by the City of Key West or the locality relating to such contract, subcontract or arrangement

NOTICE: The state requires the City of Key West to insert in all contracts entered into in connection with the project or any property included or planned to be included in any project, and shall require its contractors to insert in each of their subcontracts, the following provision:

“No member, officer or employee of the Agency or of the locality during this tenure or for 2 years thereafter shall have any interest, direct or indirect, in this contract or the proceeds thereof.”

The provisions of this paragraph shall not be applicable to any agreement between the Agency and its fiscal depositories or to any agreement for utility services the rates for which are fixed or controlled by a government agency.



Signature

**VENDOR CERTIFICATION REGARDING
SCRUTINIZED COMPANIES LISTS**

Respondent Vendor Name: CPH Consulting, LLC
Vendor FEIN: 59-2068806
Vendor's Authorized Representative Name and Title: David E. Mahler, P.E.
Chief Operating Officer, Public Services
Address: 1992 SW 1st Street
City: Miami State: Florida Zip: 33135
Phone Number: 305.274.4805
Email Address: info@cphcorp.com

Section 287.135(2)(a), Florida Statutes, prohibits a company from bidding on, submitting a proposal for, or entering into or renewing a contract for goods or services of any amount if, at the time of contracting or renewal, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to section 215.4725, Florida Statutes, or is engaged in a boycott of Israel. Section 287.135(2)(b), Florida Statutes, further prohibits a company from bidding on, submitting a proposal for, or entering into or renewing a contract for goods or services over one million dollars (\$1,000,000) if, at the time of contracting or renewal, the company is on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, both created pursuant to section 215.473, Florida Statutes, or the company is engaged in business operations in Cuba or Syria.

As the person authorized to sign on behalf of Respondent, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies that Boycott Israel List, Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject such company to civil penalties, attorney's fees, and/or costs and termination of the contract at the option of the awarding governmental entity.

Certified By: David E. Mahler, P.E. Chief Operating Officer, Public Services,
Print Name *Print Title*

who is authorized to sign on behalf of the above referenced company.

Authorized Signature: 