

DELIVER TO:
 City of Fort Pierce, Purchasing Division
 Room 101
 100 North U.S. #1
 Fort Pierce, FL 34950



**REQUEST FOR QUALIFICATIONS
 and
 PROPOSER ACKNOWLEDGMENT**

MAIL TO:
 City of Fort Pierce Purchasing Division,
 Room 101
 P.O. Box 1480
 Fort Pierce, FL 34954-1480

Bid Writer: Madison White, 772-467- 3102

RFQ No: 2025-009

Pre-Qualification Conference Time & Date:
 N/A

RFQ Title: COMMUNITY RATING SYSTEM
 (CRS) AND CLIMATE RESILIENCE
 PROFESSIONAL SUPPORT SERVICES (REBID)

Pre-Qualification Conference Location:
 N/A

RFQ Opening Location:
 City of Ft. Pierce Purchasing Division
 Room 101
 100 North U.S. #1, 1st Floor
 Ft. Pierce, Florida 34950

RFQ Due Date & Time:
 3:00 PM, MONDAY, FEBRUARY 3, 2025

If you need any reasonable accommodation for any type of disability in order to participate in this procurement, please contact this division as soon as possible.

Proposer Name:
 TETRA TECH, INC

I hereby certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same materials, supplies or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the proposer.

Mailing Address:
 759 S. FEDERAL HWY
 #314
 STUART, FL 34994

X Authorized Signature (Manual)

City, State, Zip Code:

Typed or Printed Name: Brian Proctor

Type of Entity (Select one):
 Corporation
 Partnership _____
 Proprietorship _____

Title: VICE PRESIDENT, SOUTHEAST OPERATIONS

Incorporated in the State of: DELAWARE Year:

Delivery in _____ days, ARO

Phone Number: 772 341 0432

Payment Terms: Net 30 Days

Fax Number:

FEIN or SS Number: 98-448514

E-Mail Address: BRIAN.PROCTOR@TETRA TECH.COM

Local Business: ___Y ___XN MWBE: ___Y ___XN

Bid Security is attached, when required, in the amount of \$ _____
 F.O.B. DESTINATION

If returning as a "No Bid" state reason:

THIS PAGE MUST BE COMPLETED AND RETURNED WITH YOUR BID



Community Rating System (CRS) and Climate Resilience Professional Support Services (REBID)

Tt TETRA TECH

**COPRI Project
Excellence Award Winner**

Fort Pierce City Marina, Florida - Top Large Project

RFP No. 2025-009
February 3, 2025



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Appendix A Resumes

Tab 1. Executive Summary

Tetra Tech, Inc. (Tetra Tech) is a national leader in technical support to help communities join FEMA's CRS program, maintain, and/or increase their ranking to maximize their potential. Tetra Tech's depth of understanding of the Disaster Mitigation Act of 2000, NFIP, CRS program, and local floodplain management allows us to develop and conduct a planning process that supports these programs, promotes participation, and increases the benefits to local program administrators and policyholders. Tetra Tech has worked with counties and communities across the country to help them succeed in the CRS program, including developing local floodplain management plans, hazard mitigation plans, and repetitive loss area analysis that meet CRS credit criteria.

Our team has extensive experience in the field of floodplain management; we helped four of the five highest-rated CRS jurisdictions in the nation to achieve their remarkable status. Tetra Tech has helped over 40 CRS communities enhance their ratings, with notable achievements like Roseville, CA achieving Class 1 and King County, WA as Class 2, and Pierce County, WA as Class 3. We've also prepared 300 FEMA-compliant local HMPs with an average CRS Activity 510 score of 318 points, compared to the nationwide average of 171 points.

For this contract Tetra Tech has teamed with two small businesses, **Lori Lehr** and **Erin L. Deady, P.A.** Tetra Tech has successfully teamed with these firms on other CRS and Resilience related contracts. Lori Lehr is a Certified Floodplain Manager with expertise in the NFIP CRS Program and has teamed with Erin Deady on eight Watershed Master Plans in accordance with Floodplain Manager Coordinator's Manual criteria in Section 452.b. Lori Lehr has helped 22 communities in Florida supplementing Tetra Tech's national experience with local experience within the State of Florida including St. Lucie County. Erin Deady is a known policy expert on resiliency, codes and policy implementation for CRS projects and Vulnerability Assessment. The combined experience of this team is unparalleled statewide. ***It should be noted that the Florida Division of Emergency Management (FDEM) has recently extended the grant deadline for its Watershed Planning Program to fund up to 75% of the cost for Stormwater Master Plans and CRS-based Watershed Management Plans to February 28, 2025. As such, the City has an immediate opportunity to fund these resiliency and hazard planning initiatives by submitting a grant application for this program.***

Critical to note, the Tetra Tech team is currently contracted with St. Lucie County on two projects that outline our knowledge of the water management issues as well as projected future climate change impacts. Tetra Tech is currently developing the future conditions ICPR hydraulic model for the County's **Stormwater Master Plan** which will include future sea level rise conditions. Additionally, the Tetra Tech team (including Erin Deady) has been leading the St. Lucie County-wide **Resilient Florida Vulnerability Assessment and Regional Resilience** which includes the evaluation of the City of Fort Pierce's critical assets and it's vulnerability to current and future flooding scenarios. This local experience with already-existing GIS and H&H modeling will be leveraged to support both CRS and Resilience Planning efforts for the City of Fort Pierce.

During the last few years, we have gained extensive experience in holding virtual public meetings due to COVID-19 restrictions using various platforms such as Microsoft Teams, Zoom, and GoTo Meeting. Involving the general public as well as the appropriate agencies, governments, and other stakeholder groups is also a cornerstone of the approach to successful public outreach efforts and most importantly, identifying improvements that are accepted by the community intended to be served.

The Tetra Tech Team utilized information we collect from stakeholders and public outreach meetings to help develop Resilience and Adaptation Plans for several clients including the City of Hollywood, the City of Key West, St Lucie County and Palm Beach County. Our plans first identify adaptation strategies for infrastructure, critical assets, natural areas, economics, and policy recommendations for the local government's Comprehensive Plan and Code. Each community prioritizes their adaptation strategies and plans are outlined with a timeframe or schedule and cost for implementation. Tetra Tech also has provided conceptual plans for the prioritized projects to support grant funding applications with the intent that the projects identified in the plan will be implemented in the timeframe necessary to create a more resilient community.

The Tetra Tech team has the experience to support the City of Fort Pierce to maintain the current CRS Class 6 rating and assist in advancing to Class 5 in addition to developing and implementing a successful resilience program. We believe that this local team with extensive St. Lucie County and Ft. Pierce-specific experience to assist in CRS programs and resilience as well as our proven track record on previous and current projects will provide you with the quality products you need and a more resilient future for your community.

For this contract, Tetra Tech has included two Small Business subconsultants: **Lori Lehr, Inc. and Erin Deady, PA**. Tetra Tech has successfully teamed with these firms on other CRS and Resilience related contracts. Lori Lehr is a Certified Floodplain Manager with expertise in the NFIP CRS Program and has teamed with Erin Deady on several Watershed Master Plans in accordance with the sea level rise criteria in Section 452.b. Additional information about them can be found in **Tab 3. Key Personnel**.

Why Partner with Tetra Tech?

- Trusted by more than **500 communities around the country** as a disaster preparedness, response, recovery, or mitigation consultant
- More than **115 Florida counties and municipalities** served in such areas as public assistance, disaster and debris recovery, mitigation planning, and more
- **Resilient Florida** planning experience with clients such as **St. Lucie County, Indian River County, Palm Beach County, the City of Hollywood,** and the **City of Key West**
- Trusted partner with the **City of Fort Pierce**.
- Extensive CDBG action plan development experience including program implementation and grant development
- Leverage innovative tools and technology to measure resilience success across planning mechanisms

Experience with CRS Programs



Tetra Tech is a national leader in technical support to help communities join FEMA's CRS program, maintain, and/or increase their ranking to maximize their potential. Tetra Tech's depth of understanding of the Disaster Mitigation Act of 2000, NFIP, CRS program, and local floodplain management allows us to develop and conduct a planning process that supports these programs, promotes participation, and increases the benefits to local program administrators and policyholders. Tetra Tech has worked with counties and communities across the country to help them succeed in the CRS program, including developing local floodplain management plans, hazard mitigation plans, and repetitive loss area analysis that meet CRS credit criteria.

Our team has extensive experience in the field of floodplain management; we helped four of the five highest-rated CRS jurisdictions in the nation to achieve their remarkable status. Tetra Tech has helped over 40 CRS communities enhance their ratings, with notable achievements like Roseville, CA achieving Class 1 and King County, WA as Class 2, and Pierce County, WA as Class 3. We've also prepared 300 FEMA-compliant local HMPs with an average CRS Activity 510 score of 318 points, compared to the nationwide average of 171 points.

Maximizing the CRS credit potential for those jurisdictions participating or considering participation in the CRS program is an added value of the Tetra Tech technical approach. Our standard approach evolved from the CRS ten-step planning process. Tetra Tech is a national leader in providing technical support to communities wishing to maximize their CRS potential resulting in a reduction, by the maximum percentage possible, in their residential and commercial NFIP flood insurance premium rates. Exhibit 2 illustrates how plans developed by Tetra Tech have scored under the CRS program.

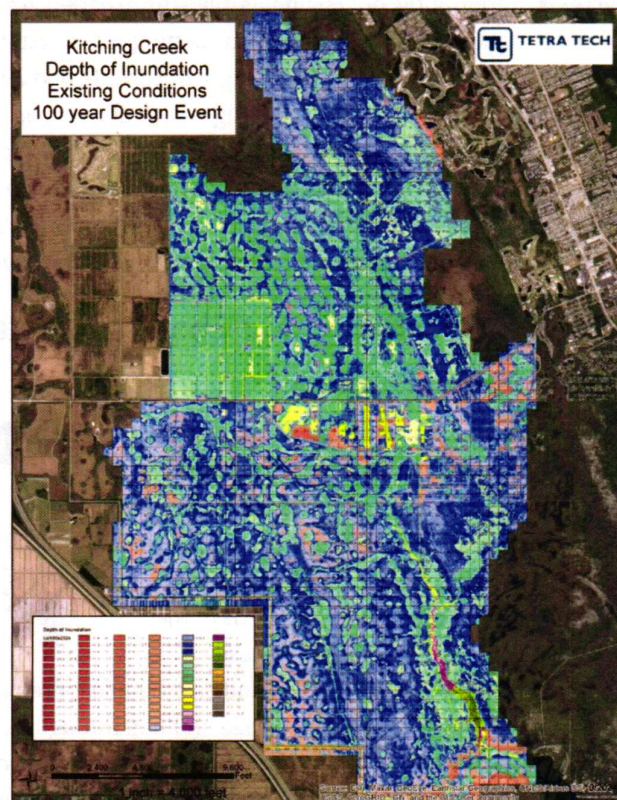
Tetra Tech has an extensive understanding of the CRS credit criteria requirements between CRS Activity 510-Floodplain Management Plan, Repetitive Loss Area Analysis, and Substantial Damage Management Plan elements.

GIS and Modeling Experience

Our GIS experts keep current with the ever-expanding set of tools available for geospatial data management and visualization, which allow them to develop and customize data products for local needs. Many of these products involve integrating diverse data, developing indicators, and customizing GIS tools for access, analysis, and display of complex information. Along with GIS technical expertise, our team brings a deep understanding of the science behind the data, grounded in years of experience in freshwater, estuarine, and coastal ecology; water quality; and watershed management. Translating technical information to the public or targeted audiences is a particular forte of our communications experts, who work regularly with our scientific and GIS staff to develop products that convey clear, understandable, and effective messages. Our modelers have experience with a variety of coastal dynamics modeling tools including FEMA-HAZUS, ADCIRC, CMS-Flow, CMS-Wave, and STWAVE. We also have experience with sea level rise data and scenarios developed by the U.S. Army Corps of Engineers (USACE) and the National Oceanographic and Atmospheric Administration (NOAA), which are used in the Sea Level Scenario Sketch Planning Tool. Tetra Tech is extremely familiar with the Resilient Florida program requirements, including experience performing the GIS analysis, identifying the critical asset inventory, conducting sensitivity and exposure analysis, and mapping focus areas.

Tetra Tech has over two decades of experience studying flooding problems and solutions for the USACE, National Resource Conservation Service (NRCS), state agencies, and local agencies. Our expertise and knowledge in evaluating hydrologic systems is applied on specific water resource project types, including: water resource and flood damage assessment; stormwater infrastructure and drainage assessment and design; flood control design (including dams, channels, levees, detention basins and bank protection); hydraulic structure designs; erosion/sedimentation studies; stream restoration and wetland design projects; dam and levee safety evaluations; reservoir operation/optimization studies; flood control and floodplain management studies and mapping; development of flood warning systems; dam break flood studies and contingency planning; and surface and groundwater supply analysis.

Tetra Tech's proprietary S2DMM Model is certified by the FEMA NFIP program for use in flood hazard mapping and accepted by the South Florida Water Management District for hydrologic/hydrodynamic model applications for long term simulations (multiple years) of hydro-periods and hydro-patterns. Its ability to simultaneously model surface water and groundwater flow makes it ideally suited for conditions in Florida for the



recover from and become more resilient to natural disasters. Tetra Tech has led or been engaged with 4 of the 10 projects from Rebuild by Design, a U.S. Department of Housing and Urban Development's (HUD) program to rebuild the Sandy-impacted area and rebuild with science-driven approaches to long-term resilience. Similarly, our team members have led multiple efforts from HUD's National Disaster Resilience Competition. We have worked with multiple cities on their resilience strategies through the 100 Resilient Cities program. Our leadership, expertise, and innovation has received national recognition. **Tetra Tech was awarded the Federal Emergency Management Agency's (FEMA) first-ever national Excellence in Mitigation Innovation Award for our Greater Muncy Area Resilience Plan.**

Project Highlight: Tetra Tech owns a proprietary S2DMM Model is certified by the FEMA NFIP program for use in flood hazard mapping and accepted by the South Florida Water Management District for hydrologic/hydrodynamic model applications for long term simulations (multiple years) of hydro-periods and hydro-patterns. Its ability to simultaneously model surface water and groundwater flow makes it ideally suited for conditions in Florida for the assessment of short term flood flooding events as well as long term impacts to groundwater such as those associated with sea level rise. The model has been used extensively throughout Florida to evaluate both flood hazards and hydrologic restoration projects including the Cypress Creek and Kitching Creek Flowways in Martin County.

Tetra Tech has been on the cutting edge of climate-focused initiatives—investigating climate change effects and responses, conducting vulnerability assessments, and completing adaptation planning for aquatic ecosystems and water resource infrastructure. For nearly three decades, we have worked collaboratively with local and state governments to design resilience programs and develop actionable measures to achieve long-term resilience. Tetra Tech uses a holistic planning approach that considers socioeconomic concerns, integrates nature-based solutions, and builds capacity and capability for programmatic success.

We recognize that public engagement increases the visibility of a planning effort and is key to the successful implementation of any plan, and we have successfully implemented workshop-style meetings coupled with tools and technology to gather valuable input and achieve buy-in.

Climate Change Impact Analysis

Tetra Tech is one of the foremost firms in the nation in the fields of natural hazard risk assessment and community climate resilience planning. Our recovery and resiliency services incorporate a combination of advanced scientific modeling, community and economic analysis, feasibility assessments, and robust public outreach strategies to identify the most effective projects that will reduce a community's vulnerability to future disasters. Through in-depth risk analysis, community assessments, hydraulic analysis, and project design, Tetra Tech works to develop practical and cost-conscious strategies that provide a comprehensive roadmap for communities to rebuild in the wake of disasters and better prepare for future hazards by making them more resilient.

We have conducted more than 250 projects (state, county, and local municipality levels) as the premier consultant to support the adaptation planning process regarding addressing climate hazards, including coastal and riparian flooding, sea level rise, drought, wildfire, and water management.

Resilient Florida Experience

The Tetra Tech team offers a full suite of services and subject-matter experts across our various team members to prepare vulnerability assessments, mitigate hazard risk, adapt to the changing climate, and build community resilience in Florida. We offer more than the typical technical team by including partners well-experienced in vulnerability, adaptation, and resiliency planning including policy, legal, communications, and outreach. We work collaboratively with local governments to design resilience programs and develop and implement resilience to achieve long-term resilience.

Our expertise spans the continuum of resiliency— helping communities prepare for, withstand, respond, and adapt to climate change through tangible implementation. While the Tetra Tech team is uniquely experienced and has a highly qualified team to support this work, we are first and foremost committed to listening to the input of stakeholders, bringing forth local knowledge and expertise from within the community, applying what we learn in planning, and providing focused technical support as needed.

In the Florida, climate resilience planning has become a more statewide focus with the development of programmatic guidance as well as significant funding streams. The policy making arm of this movement began in 2010 when local governments were required to address the reduction of greenhouse gas emissions in four separate elements of their comprehensive plans. In 2011, adaptation action areas became a permissible designation within local governments' comprehensive plans and, starting in 2015, local governments were required to address the “perils of flood” in the coastal element of the comprehensive plan. The Florida Department of Environmental Protection (DEP) began funding smaller planning grants to communities to launch vulnerability planning efforts through “Resilience Planning Grants.” However, the funding in those early years grew exponentially with the passage of Section 380.093, Florida Statutes (F.S.), in 2021 (known as “Always Ready” or the “Resilient Florida” program). With larger resources, DEP is now able to provide more meaningful funding to further climate resilience planning efforts.

The Tetra Tech team has completed several Resilient Florida planning grant vulnerability assessments and adaptation plans that have been accepted by the State. Additional details have been provided in Tab 4.

Community Outreach and Engagement Experience

Our approach involves collaborating with the community to understand their needs to build a strong foundation for successful plan implementation. This centers on organizing an inclusive process to develop people-driven solutions that are authentic and place-based.

Tetra Tech designs facilitation processes that bring together stakeholders with diverse perspectives, generate understanding, and result in consensus on recommended choices. Our approach involves deliberate, continuous, and effective communication and outreach with key stakeholders throughout every phase of our projects; an understanding of stakeholder commitments and the demands placed on their time; and an understanding of the realities and technical issues required for effective emergency response. We believe that successful plans, especially those for urban areas, are often defined by the integration of engagement and outreach efforts during the planning process.

Our team includes engagement specialists and planners who understand the challenges of engaging and communicating with target audiences, often with specific cultural, socioeconomic, religious, or language nuances. Our team develops content that is accessible by the disability, access, and functional needs

Tab 3. Key Personnel

Our project management team, consisting of Georgia Vince, Project Manager, and Jaleesa Tate, CFM as Deputy Project Manager. The project management team will coordinate with the City, oversee the project and task administration, and ensure that the project meets deadlines, budgets, and goals. Ms. Vince will be the main point of contact for the City and will work with the technical leads to assign personnel and resources, oversee all work activities, and provide QA/QC of project deliverables in accordance with the project schedule and deliverable deadlines. The Team's organization is shown in Exhibit 4.

Key Staff Highlights are below:



Georgia Vince
Project Manager

Years' Experience: 23

Years w/Tetra Tech: 13

Education: BS,
Oceanography



Ms. Vince has 23 years of experience with environmental programs and 12 years with project management. Ms. Vince has managed projects of all sizes with budgets of over \$2 million. She recently was project manager for the St. Lucie County VA completed in 2021 and is currently the project manager for the Updated VA and Regional Resilience Plan. Her background in water resources, regulatory and permitting programs for state, federal, and local levels of government has provided her with a detailed understanding of Florida's regional water systems and regulatory framework. Ms. Vince has extensive experience in public speaking and coordinating with stakeholders on sensitive environmental issues. She is well known for her abilities to meet project schedules and stay within budget with a high level of client satisfaction.

Relevant Project Experience

- St. Lucie County VA, FL
- Palm Beach County Vulnerability Assessment and Resilience Action Plan, FL
- City of Hollywood Vulnerability Assessment Update, FL



Lori Lehr, CFM

Community Rating
System

Years of Experience: 25

Education: General
Studies



Ms. Lehr has career long experience with floodplain management and CRS that includes implementation and compliance with both FEMA programs. Ms. Lehr has assisted communities to achieve high levels of flood insurance discounts through the National Flood Insurance CRS. Ms. Lehr also served as the lead trainer for the CRS, at the Emergency Management Institute training government officials on the implementation of the program. Ms. Lehr currently works side by side with government officials across the nation (22 in Florida) who are helping their communities achieve better standings in the CRS to enhance floodplain management compliance and promote resilience.

Relevant Project Experience

- CRS program implementation for 22 communities
- St. Lucie County CRS program implementation.
- Community Rating System Watershed Master Plans for Islamorada, Layton, Key Colony Beach, Marathon, Monroe County, Okaloosa County, Boynton Beach and Pensacola

Subcontracting Partner – Lori Lehr, CFM



LORI LEHR INC.
YOUR LINK TO CRS SUCCESS

Lori Lehr achieved her certification as a Certified Floodplain Manager (CFM) by the Association of State Floodplain Managers, Inc. in 2000 and has been involved in the floodplain management industry since that time. She started in the City of St. Petersburg serving as the floodplain administrator, building permit construction reviewer, and acting as a liaison between the city and FEMA. She has over 8 years of specific experience as a Community Rating System (CRS) Specialist working with Insurance Services Office (ISO). She is well-versed in all iterations of the CRS Manual and in implementation of the manuals under the most current CRS guidelines. While working with ISO, she submitted over 120 CRS verification files to FEMA, many of which resulted in a CRS class improvement for those communities. She also recertified over 80 communities in the CRS program on an annual basis. She has extensive knowledge and experience with CRS audits and verification processes that can assist communities in reaching their CRS goals. She is currently participating on teams to conduct 8 CRS Watershed Management Plans.

In 2015, Lori Lehr started **Lori Lehr Inc.**, and as a consultant, she assisted numerous communities in Florida to make applications to the CRS program as well as to achieve CRS class improvements and maintain their CRS programs annually. In addition to having over 20 years of experience in nearly all iterations of the CRS program, she is well-versed in assisting communities to achieve and maintain compliance with the National Flood Insurance Program.

Subcontracting Partner – Erin Deady, PA



We have teamed with **Erin L. Deady, PA**, (ELDPA), a Delray Beach-based firm that has completed numerous planning, code, Vulnerability Assessments, and resilience projects throughout all parts of Florida and has provided input and guidance to the Florida Department of Environmental Protection (DEP) for Resilient Florida Program development. ELDPA continues to coordinate directly with agency staff on rule interpretation on several key aspects of the program. ELDPA teamed with Tetra Tech on the first St. Lucie County VA completed in 2021 and has written numerous successful grant applications for the County under the Resilient Florida Program and wrote a successful \$15 million application for the Fort Pierce Utilities Authority. Ms. Deady is also a team member on the St. Lucie County Stormwater Master Plan being led by Tetra Tech. She is also teamed with Tetra Tech on the Palm Beach County VA and City of Hollywood VA and has developed the policy implementation approach for numerous clients throughout Florida. She led Monroe County's resiliency efforts for over 12 years and has led the team conducting the vulnerability work in Martin County. She is currently leading six CRS Watershed Management Plans and participating on teams to conduct two more.

Statement of Qualifications

CRS and Climate Resilience Professional Support Services

Licenses and Certifications		Qualifications		Awards and Organizational Membership	
Name / Title			Experience in Area(s) of Service		
3 Erin Deady ² Policy and Community Planning	American Institute of Certified Planners (AICP), Esq. (Florida Bar #367310)	Erin Deady has significant management experience on numerous complex projects involving climate legal, policy and planning elements including vulnerability analyses and integration of adaptation responses into Comprehensive Plans. She has worked on numerous sustainability, climate and energy planning efforts around the state for large and small local governments. She has published numerous articles and resources related to the planning and legal issues surrounding resiliency and adaptation planning strategies. A cornerstone of this experience includes the development and implementation of public engagement and outreach strategies to support local government policy and decision-making processes.	<ul style="list-style-type: none"> City of West Palm Beach VA St. Lucie County VA and Regional Resilience Plan, FL Indian River County VA, FL Palm Beach County VA and Resilience Action Plan, FL City of Hollywood VA Update, FL City of Key West VA and Climate Adaptation Plan, FL Watershed Master Plans for Islamorada, Layton, Key Colony Beach, Marathon, Monroe County, Boynton Beach and Pensacola 	Florida Chapter of the American Planning Association Member of the Environmental and Land Use Law Section, 2002-Present	
4 Lori Lehr ¹ . CFM Community Rating System	Certified Floodplain Manager (CFM)	Lori Lehr has career long experience with floodplain management and Community Rating System that includes implementation and compliance with both FEMA programs. Lori has assisted communities to achieve high levels of flood insurance discounts through the National Flood Insurance Community Rating System. She also served as the lead trainer for the Community Rating System, at the Emergency Management Institute training government officials on the implementation of the program. Lori currently works side by side with government officials across the nation help their communities achieve better standings in the Community Rating System to enhance floodplain management compliance and promote resilience.	<ul style="list-style-type: none"> Community Rating System Implementation and Compliance National Flood Insurance Program Compliance Florida Building Code 	Certified Floodplain Manager, Association of State Floodplain Managers	

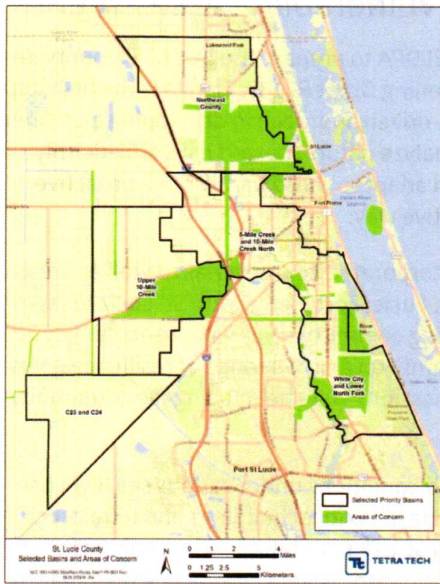
Statement of Qualifications

CRS and Climate Resilience Professional Support Services

Licenses and Certifications		Qualifications		Awards and Organizational Membership	
Name / Title		Experience in Area(s) of Service			
7	<p>Misha Plis GIS Modeling</p> <p>N/A</p>	<p>Misha Plis is an Environmental Scientist with 20 years of experience specializing in geographic information systems (GIS) related programs such as ESRI ArcGIS Desktop Suite and SDE, ESRI Model Builder/Python ArcGIS, ESRI ArcGIS Online, ESRI ArcGIS Pro, ESRI Collector, JambWOW, ESRI ArcView 3.3, MapWindow, Google Earth, SAGA and database management programs such as MS Access, Excel and the Water Resources Database (WRDB), Trimble Feature Definition Manager, with AutoCAD, Civil 3D, RSMears Costworks, as well as familiarity, Bentley Water CAD, Water GEMS Suite, Innovyze Info Water and H20Map Suite. Mr. Plis also has experience with watershed hydrology and water quality modeling using the Loading Simulation Program in C++ (LSPC), and CHAMP modeling, and septic tank nutrient loading modeling with ArcNLET.</p>	<ul style="list-style-type: none"> • St. Lucie County VA and Regional Resilience Plan, FL • Stormwater Master Plan, St. Lucie County, FL • Lake Istokpoga Basin Modeling, Florida DEP, FL • Strategic Policy Plan on Florida's Oceans and Coasts, Florida Ocean Alliance, Statewide, FL 		
8	<p>Christina Gray GIS Modeling</p> <p>Certified Mapping Technologist (CMT) (LT076), GIS Graduate Certificate, Geologist in Training, Oregon (T2575)</p>	<p>Christina Gray has 6 years of experience acquiring, processing, and creating topobathymetric LIDAR deliverables for projects that cover a variety of environments. These projects include hazard mapping, natural disaster relief, defense, and environmental surveying. She has experience with all parts of topobathymetric LIDAR process, from ground control survey, sensor operation, quality checks, creating and running automated cleaning algorithms, managing and training editing staff, creating final deliverables, and edits for client feedback. Additionally, Christina has lead work for vulnerability assessments for St. Lucie and Indian River counties, compiling county provided and publicly available asset lists and comparing the assets to multiple sea level rise scenarios, rainfall depth grids and storm surge to help guide future mitigation plans.</p>	<ul style="list-style-type: none"> • St. Lucie County VA and Regional Resilience Plan, FL • Indian River County VA, FL • Shoreline Mapping for the Coastal Mapping Project, National Ocean and Atmospheric Administration • National Geodetic Survey 		N/A

¹ SBE/MBE/WOB Subconsultant Firm Lori Lehr, Inc.

² SBE/MBE/WOB Subconsultant Firm Erin L. Deady, PA



St. Lucie County Stormwater Master Plan

Tetra Tech was selected by St. Lucie County to prepare a Countywide Stormwater Master Plan (SWMP). The current SWMP is more than 30 years old and conditions have changed during that time due to extensive development and construction of regional water management facilities. Tetra Tech worked with the county to gather existing data about the stormwater management system and areas of concern. Tetra Tech organized the data provided, cleaned up GIS layers, digitized data, and collected additional data through survey to create a geodatabase for the SWMP. In addition, interviews with key stakeholders, including the City of Port St. Lucie, were held to gather data and local information about current and future stormwater management and water quality concerns.

Tetra Tech used the data collected to delineate the county into smaller basins to focus on areas where stormwater management and/or treatment projects are needed. Tetra Tech and the county selected five priority basins and Tetra Tech developed Interconnected Channel and Pond Routing version 4 (ICPR4) (now StormWise) models to represent the existing stormwater infrastructure and evaluate the current level of service. Tetra Tech is now running the models for future scenarios to determine potential flooding and/or water quality issues associated with future changes within the county.

Tetra Tech will then identify cost-effective capital improvement projects to address flooding, water quality, and resiliency needs identified during the modeling. For each priority basin, project options will be identified and evaluated against a variety of factors to rank them and determine which projects should be included in the SWMP. For each selected project, a conceptual exhibit, preliminary engineer’s opinion of probable construction cost, and benefit versus cost analysis will be provided. ELDPA, as part of the Tetra Tech team, will provide a review of St. Lucie County’s Comprehensive Plan and Code of Ordinances to make recommendations that would support stormwater management and resiliency goals from the SWMP.

Throughout the process, the Tetra Tech team engaging the public and local stakeholders in the SWMP development. A series of public meetings will be held at three key points in the planning process (one series has been held to date). In addition, project information for the County’s website and social media page, facts sheets, frequently asked questions, and an online survey were prepared to obtain input from the public.

Customer Name: St. Lucie County

Project Address: Throughout St. Lucie County, FL

Initial Cost: \$2,295,740

Final Cost: \$2,295,740

Completion Time: 2022 – Ongoing (completion by September 2025)

Change Orders: 0 to date

Customer Contact:

Dan Zrallack, PE
 County Engineer
 772.462.1667
zrallackd@stlucieco.org

Team Personnel Assigned	Stage of Completion	Status Relative to Schedule
Madhu Akasapu, Georgia Vince, Erin Deady, Misha Pils	50% complete	On-time

Exhibit 6. Example Florida Resilience Experience

Project	Description
<p>Village of Key Biscayne Flood Mapping, FL</p>	<p>The Village of Key Biscayne, an island town in the Miami-Dade County, is susceptible to flooding from both Biscayne Bay and the Atlantic Ocean. To comply with new regulations, the village needed to update their Base Flood Elevations (BFEs) using the Miami-Dade County Flood Insurance Study (FIS) transect data. The previous BFEs were based on the Flood Insurance Rate Map (FIRM) data.</p> <p>Tetra Tech developed a Coastal Hazard Analysis Modeling Program (CHAMP v2.0) using the FIS transect data for three flood sources and the 100-year and 500-year flood magnitude events for a total of six scenarios. The results from the model were used to develop high-resolution inundation maps of the village for the six scenarios using LiDAR and Digital Elevation Model (DEM) data. The maps allowed homeowners and developers to quickly determine the expected inundation depth for properties throughout the village. The results were also used to delineate Coastal A zone from the Atlantic Ocean side.</p>
<p>Palm Beach County Vulnerability Assessment and Resilience Action Plan</p>	<p>Tetra Tech was contracted to support Palm Beach County with the Climate Risk Assessment and Action Plan funded by a combination of federal and state grant funds. The project scope is designed to address environmental hazards and climate risks exacerbated by climate change and sea level rise. Funded by the Florida Department of Commerce Community Development Block Grant Mitigation (CDBG-MIT) Program, on behalf of the U.S. Department of Housing and Urban Development (Climate Risk VA) and DEP through the Resilient Florida Grant program, this initiative will provide a comprehensive roadmap for Palm Beach County to enhance its resilience.</p> <p>The Resilient Florida VA will evaluate risks to the diverse community from flooding related to sea level rise, high tide flooding, storm surge, extreme rainfall events and combination flooding. The Climate Risk VA, funded under the federal portion of the grant, will evaluate other climate threats such as extreme heat, drought, wildfires and coastal erosion. The two VAs combined will form the basis for a comprehensive Resilience Action Plan to identify potential projects to be targeted for future funding. This action plan will include a projected schedule to help the community to be prepared for future climate change challenges as well as a comprehensive plan and code review for implementation of the Resilience Action Plan recommended strategies. Multiple open source tools were used to develop the analysis and the results including Hazus, ArcView GIS, HEC-RAS, and Sea Level Affecting Marsh Model (SLAMM).</p>
<p>Key West Climate Adaptation Plan</p>	<p>The purpose of this project is to complete a Resilient Florida Vulnerability Assessment in compliance with Section 380.093, F.S. and evaluate risks and hazards associated with sea level rise and climate change. This effort includes a complex assets and data collection effort with significant infrastructure on an island that is a significant distance from the mainland of Florida. The City is a dense urban development with numerous military installations. Moreover, the unique appeal of Key West’s tropical climate and scenic surroundings has led to a steady influx of residents and visitors. This popularity exacerbates the potential impact of current and future climate-related events.</p> <p>The project includes a robust public outreach plan including public outreach meetings, project website, newsletter distribution and community engagement opportunities throughout the development of the VA. The VA efforts include inundation mapping and other flood modeling for exposure, sensitivity analysis of critical assets, as well as a significant comprehensive plan and code of ordinances review. Additionally, Tetra Tech is preparing an adaptation plan for the City that will include 7 chapters and a set of adaptation projects for those prioritized assets that are identified to be most at risk during the VA process.</p> <p>The VA for this project was completed in September 2024.</p>

Project	Description
	3-year/72-hour, 100-year/24-hour, 25-year/24-hour, 10-year/24-hour, and 3-year/24-hour. The models were used to identify the extents of inundation at specific water surface elevations, provide water depth temporal variations at the sites for the required storm events, and identify vegetation habitats based on varying water surface elevations. The model results provided the expected water levels onsite after restoration, which were used to determine the associated vegetation communities that could be present. The data collected and the model results were summarized in the WRPOs for each site.

Exhibit 7. Sample Stakeholder and Community Engagement Experience

Project	Description
Palm Beach County, FL Resilient Florida Stakeholder and Community Engagement	<p>Tetra Tech developed a series of hands-on workshops tailored for local government staff and community members to raise awareness of climate risks and adaptation strategies in Palm Beach County. The series was developed over the course of several hybrid (in-person/virtual) workshops. The series began by establishing a shared understanding of climate risks and adaptation planning within the context of Palm Beach County. Tetra Tech crafted the message of these workshops to fit the intended audience, ensuring that the messaging was relatable and relevant and included the appropriate level of technical details. The next set of workshops aimed to provide participants with a deeper understanding of the identified vulnerabilities and risks within Palm Beach County. These workshops are a demonstration of Tetra Tech's ability to effectively deliver risk communication and technical information in a manner that is digestible regardless of the participant's prior experience with the subject matter.</p>
Harris County, TX Unified and Uniform Approach to Preparedness, Response, and Recovery	<p>Tetra Tech and EnFocus Strategies worked with Harris County Office of Homeland Security and Emergency Management (HCOHSEM) to develop a program that focuses on integrating the efforts and resources of government, nonprofit, faith-based, and community organizations to meet the needs of historically underserved and vulnerable populations before and after a disaster occurs. Over the course of the project, the team conducted outreach to 17 cities and counties of similar size and demographics to the County, conducted 29 interviews with Harris County stakeholder partners, conducted a virtual Stakeholder Engagement Workshop attended by 57 participants representing 36 organizations and agencies that discussed topics including conducting community engagement programs and ensuring equitable access to resources following a disaster, and developed and presented a strategy for stakeholder engagement to partners at a second hybrid in-person and virtual workshop.</p>
City of Houston, TX Emergency Management Stakeholder and Community Engagement	<p>Tetra Tech and our partners at EnFocus Strategies developed a Stakeholder and Community Engagement Plan that provided a roadmap to expand and improve citywide resiliency by increasing collaboration with its stakeholders and partners to promote preparedness before, during, and after emergencies. Three community meetings were held and attended by more than 310 stakeholders and community members. The meetings focused on gathering knowledge and experiences of the DAFN community as it relates to major disasters; providing awareness and collecting feedback on key plans, including the Hurricane, Flood, and Severe Weather Plan; and collecting information to help increase community readiness and identify opportunities and tools to better prepare and equip Houstonians before a disaster occurs.</p>
City of Concord, CA Language Access Analysis and Strategy	<p>Concord, CA is a community of 125,410 people located northeast of San Francisco. Tetra Tech worked with the City to identify the languages and language families that are used by residents to help the City better craft messaging around disaster preparedness, response, recovery, mitigation and resilience. Throughout the process, 34 organizations provided quantitative and qualitative data on the communities they support and the languages they use to connect with them, 22 qualitative interviews were conducted, and 468 members of the community completed the outreach survey either online or during field outreach efforts. The project helped to identify 70 languages that were actively being used in the City and resulted in the development of a strategy for how best to connect with residents using high-, low-, and no-technology methods.</p>

Experience with the City of Fort Pierce

The following includes a description of the projects currently being worked on for the City of Fort Pierce:

Seaplane Base (2024-on going)

Tetra Tech was selected by the City of Ft Pierce for conceptual design and permitting of a Sea Plane base to be located near the City Marina at the downtown waterfront. The Scope of work consisted of performing a benthic survey, preparing topographic and bathymetric surveys, performing a geotechnical investigation followed by conceptual engineering design of a 6-plane slip seaplane base. The design includes the access ramp, parking for up to 6 seaplanes, stormwater design and treatment along with and an access ramp into the Indian River lagoon. The project budget is \$78,000.

Island Breakwater Ecological and Structural Monitoring (2016-on going)

Tetra Tech was tasked by the City to perform ecological and structural monitoring of the Island breakwaters surrounding the Ft Pierce City Marina for a period of 5 years post construction. The structural monitoring involved a 3-tier analysis of the structural integrity of the islands above and below the waterline over a 5-year period to demonstrate their long-term integrity. The inspections consisted of topographic surveys and visual observations by engineers and dive teams to ensure the islands were not sinking or eroding away. The ecological monitoring consisted of collection of data for seagrass expansion, mangrove and oyster propagation along with reef fish assemblages. The project budget is \$680,000.

Shoaling analysis (2024)

Tetra Tech provided post compliance assistance services related to the authorized permits including preparation of a shoaling analysis related to the rate of sand entering the Intercoastal Waterway (ICWW). The United States Army Corp of Engineers expressed concern that the Island breakwaters had accelerated the rate of shoaling in the ICWW adjacent to the Island Breakwaters. Tetra Tech provided an analysis based on current and historic bathymetric data to demonstrate that the rate of shoaling in the channel was actually less now with the presence of the Island breakwaters than before their placement into the lagoon. The project budget is \$28,000.

Tab 6. Required Forms

Drug-Free Workplace Form

Non-Collusion Affidavit for Prime Proposer

Public Entity Crimes Affidavit

E-Verify Affirmation Statement

Certification Regarding Scrutinized Companies Lists

Affidavit Regarding the Use Coercion for Labor or Services

References (refer to Tab 5)

Request for Taxpayer Identification Number and Certification

City of Fort Pierce Checklist

Business Tax Receipt

Proof of Insurance



DRUG~FREE WORKPLACE FORM

The undersigned vendor in accordance with Florida Statute 287.087 hereby certified that

Tetra Tech, INC does:
(Name of Business)

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

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


Proposer's Signature

Jan 30 2025
Date



NON-COLLUSION AFFIDAVIT FOR PRIME PROPOSER

STATE OF Florida

COUNTY OF Martin

BRIAN PROCTOR, being first duly sworn, deposes
and says:

That he is VICE PRESIDENT OF TETRA TECH, INC
(a partner or officer of the firm, etc.)

the party making the foregoing proposal or bid, that such proposal or bid is genuine and not collusive or sham; that said proposer has not colluded, conspired, connived or agreed directly or indirectly with any proposer or person, to put in a sham bid or to refrain from bidding, and has not in any manner, directly or indirectly sought by agreement or collusion, or communication or conference with any person, to fix the bid price of affiant or of any other proposer, or to fix any overhead, profit or cost element of said bid price, or of that of any other proposer, or to secure any advantage against the City of Fort Pierce, of the County of St. Lucie, or any person interested in the proposed contract; and that all statements in said proposal or bid are true.

TETRA Tech, Inc.
(Firm Name)

By: [Signature]

Title: VP, SE operations Mgr

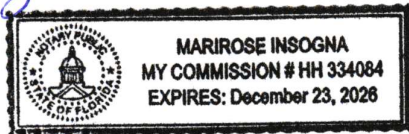
Subscribed and sworn to before me this 30th

day of, January, 2023-2025

Marirose Inogna
Notary Public

My Commission expires: (Seal)

12/23/2026





PUBLIC ENTITY CRIMES AFFIDAVIT
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 by _____ City of Fort Pierce _____
(Print name of the public entity).
by Brian Proctor VP, SE operations Mgr
(Print individual's name and title)
for Tetra Tech, Inc
whose business address is 759 S. Federal Hwy 1 Stuart FL
(If applicable) its Federal Employer Identification Number (FEIN) is 95-4148514

(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: On the attached sheet). Required as per the IRS Form W-9.

2. 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 entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
3. 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 or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an "affiliate" as defined in paragraph 287.133(1)(a), Florida Statutes, means:
- a. A predecessor or successor of a person convicted of a public entity crime: or
 - b. 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 a 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. I understand that a "person" as defined in Paragraph 287.133(1)(c), 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 a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

5. 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.)**

Neither the entity submitted this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity nor affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

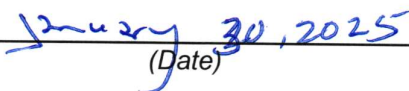
The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, member, or agents who are active in management of the entity, or an affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, member, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearing and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. **(Attach a copy of the final order)**

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO OR ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.



(Signature)



(Date)

STATE OF Florida

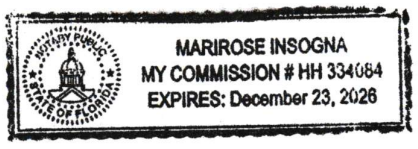
COUNTY OF Martin

PERSONALLY APPEARED BEFORE ME, the undersigned authority Brian Proctor
(Name of individual signing)

Who, after first being sworn by me, affixed his/her signature in the space provided above on this
day 30th of January, 2025.

Marirose Inogna
(NOTARY PUBLIC)

My Commission Expires: 12/23/2026





E-VERIFY AFFIRMATION STATEMENT

Description: Community Rating System (CRS) and Climate Resilience Professional Support Services

Pursuant to Section 448.095, Florida Statutes, Contractor/Proposer/Responder acknowledges and agrees:

- (a) to register with and use the E-Verify System to verify the work authorization status of all persons employed by the Contractor/Proposer/Responder to perform employment duties during the term of the Contract, and
- (b) to require any subcontractor (as defined in Section 448.095, Florida Statutes) assigned by Contractor/Proposer/Respondent to perform work pursuant to the Contract to register with and use the E-Verify System to verify the work authorization status of all persons employed by the subcontractor during the term of the Contract, and
- (c) if Contractor/Proposer/Responder enters into a contract with a subcontractor, Contractor/Proposer/Responder shall obtain an affidavit from every subcontractor stating the subcontractor does not employ, contract with, or subcontract with an unauthorized alien and the Contractor/Proposer/Responder shall maintain a copy of such affidavit for the term of the Contract, and
- (d) the Contractor/Proposer/Bidder shall use the E-Verify System during the term of the Contract, as a condition of the Contract.

Contractor/Proposer/Bidder Company Name: TETRA Tech. Inc

Authorized Company Person's Signature: [Signature]

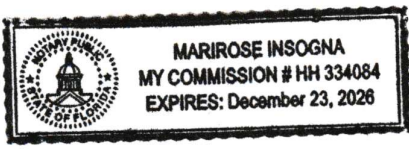
Authorized Company Person's Title: VP SE operations MGR

Date: Jan 30, 2025

STATE OF FLORIDA
 COUNTY OF Martin
 Sworn (or affirmed) and subscribed before me by means of physical presence or online notarization this 30th day of January, 2025 by Brian Proctor, who is personally known or produced identification (ID produced: _____).

Signature: [Signature] (Seal)
 NOTARY PUBLIC

My Commission Expires: 12/23/2026





CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS

Respondent Name: Tetra Tech, Inc.

Respondent's Authorized Representative Name and Title: Brian Proctor
Vice President Southeast Operations

Address: 759 S. Federal Hwy, Suite 314

City: Stuart State: FL Zip: 34994

Phone Number: 772-341-0432 Respondent FEIN: 95-4148514

Email Address: Brian.Proctor@tetrattech.com

Section 287.135, 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, Florida Statutes, also prohibits a company from bidding on, submitting a proposal for, or entering into or renewing a contract for goods or services of \$1,000,000 or more, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector Lists which were created pursuant to s. 215.473, Florida Statutes.

Certification:

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 with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List. I further certify that the company is not engaged in a boycott of Israel. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.



CITY OF FORT PIERCE
AFFIDAVIT REGARDING THE USE COERCION FOR
LABOR OR SERVICES

Vendor name: TETRA TETA, INC.

Authorized Representative's Name and Title: BRIAN PROCTOR, VP SOUTHEAST OPERATIONS

Address: 749 S. FEDERAL HWY #314

City: STUART State: FL Zip Code: 34994

Phone Number: 772-341-0432 Email Address: BRIAN.PROCTOR@
TETRATECH.COM

Section 787.06(13), Florida Statutes, requires all nongovernmental entities executing, renewing, or extending a contract with a governmental entity to provide an affidavit signed by an officer or representative of the nongovernmental entity under penalty of perjury that the nongovernmental entity does not use coercion for labor or services as defined in that statute. As the person authorized to sign on behalf of Vendor, I certify that the company identified does not:

1. Use or threaten to use physical force against any person;
2. Restrain, isolate, or confine or threaten to restrain, isolate, or confine any person without lawful authority and against her or his will;
3. Use lending or other credit methods to establish a debt by any person when labor or services are pledged as a security for the debt, if the value of the labor or services as reasonably assessed is not applied toward the liquidation of the debt, the length and nature of the labor or services are not respectively limited and defined;
4. Destroy, conceal, remove, confiscate, withhold, or possess any actual or purported passport, visa, or other immigration document, or any other actual or purported government identification document, of any person;
5. Cause or threaten to cause financial harm to any person;
6. Entice or lure any person by fraud or deceit; or
7. Provide a controlled substance as outlined in Schedule I or Schedule II of section 893.03, Florida Statutes, to any person for the purpose of exploitation of that person.

Under penalties of perjury, I declare that I have read the foregoing document and that the facts stated in it are true.

By: [Signature] Brian Proctor VP S&E Jan 30 2025
Authorized Signature Printed Name and Title Date

STATE OF FLORIDA
COUNTY OF Martin

Sworn (or affirmed) and subscribed before me by means of physical presence or online notarization

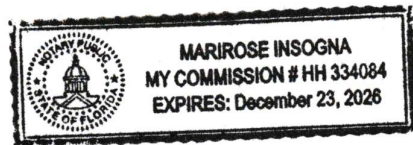
this 30th day of January, 20 25 by Brian Procter, who is

- personally known or
- produced identification (ID produced: _____).

Notary Public Signature: Marirose Insogna (Seal)

Print Name: Marirose Insogna

My Commission Expires 12/23/2026



CITY OF FORT PIERCE CHECKLIST

This checklist is provided to assist each Proposer in the preparation of their proposal response. Included in this checklist are important requirements, which is the responsibility of each Proposer to submit with their response in order to make their response fully compliant. This checklist is only a guideline, it is the responsibility of each Proposer to read and comply with the Request for Qualifications in its entirety.

Check “Yes” or “No” to each of the following:

	YES	NO
Is Request for Qualifications / Proposer Acknowledgement Cover Page (page 1) completed, signed and attached?	Yes	
Included proof of proper insurance and licensing as stated in proposal documents.	Yes	
Are all of the Required forms complete and included?	Yes	
Have all areas of the RFQ forms and related documents been signed off by and authorized agent of the company and / or witnessed / notarized where applicable?	Yes	
Are you registered on Demandstar to received addendums	Yes	
Is each Addendum (when issued) signed and included?	Yes	
Have you checked your submission for proper organization, tabs are correct?	Yes	
Are you in compliance with the page limitations?	Yes	
Did you submit your proposal electronically?		No
Have you made sure your corporate address matches your Sunbiz information?	Yes	

PLEASE SIGN AND RETURN WITH PROPOSAL

Birquet

CITY OF FORT PIERCE CHECKLIST

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	YES	NO
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Have all areas of the RFQ forms and related documents been signed off by and authorized agent of the company and / or witnessed / notarized where applicable?	Yes	
Are you registered on Demandstar to received addendums	Yes	
Is each Addendum (when issued) signed and included?	Yes	
Have you checked your submission for proper organization, tabs are correct?	Yes	
Are you in compliance with the page limitations?	Yes	
Did you submit your proposal electronically?		No
Have you made sure your corporate address matches your Sunbiz information?	Yes	

PLEASE SIGN AND RETURN WITH PROPOSAL *Birney*

State of Florida

Department of State

I certify from the records of this office that TETRA TECH, INC. is a Delaware corporation authorized to transact business in the State of Florida, qualified on April 28, 1988.

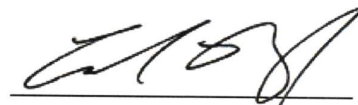
The document number of this corporation is P19034.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on January 10, 2024, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Ninth day of May, 2024*




Secretary of State

Tracking Number: 4564481112CU

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
09/24/2024

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

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

PRODUCER Aon Risk Insurance Services West, Inc. Los Angeles CA Office 707 Wilshire Boulevard Suite 2600 Los Angeles CA 90017-0460 USA	CONTACT NAME: PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): (800) 363-0105		
	E-MAIL ADDRESS:		
INSURED Tetra Tech, Inc. 3475 E Foothill Boulevard Pasadena CA 91107-6024 USA	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Safety National Casualty Corp		15105
	INSURER B: American International Group UK Ltd		AA1120187
	INSURER C: Allied World Surplus Lines Insurance Co		24319
	INSURER D:		
	INSURER E:		
INSURER F:			

COVERAGES **CERTIFICATE NUMBER:** 570108397079 **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> X, C, U Coverage GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:			GL6676804	10/01/2024	10/01/2025	EACH OCCURRENCE	\$2,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000,000
							MED EXP (Any one person)	\$10,000
							PERSONAL & ADV INJURY	\$2,000,000
							GENERAL AGGREGATE	\$4,000,000
							PRODUCTS - COMP/OP AGG	\$4,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY			CA 6676805	10/01/2024	10/01/2025	COMBINED SINGLE LIMIT (Ea accident)	\$5,000,000
							BODILY INJURY (Per person)	
							BODILY INJURY (Per accident)	
							PROPERTY DAMAGE (Per accident)	
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$100,000			62785232	10/01/2024	10/01/2025	EACH OCCURRENCE	\$5,000,000
							AGGREGATE	\$5,000,000
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	LDC4068970 AOS PS4068969 WI	10/01/2024	10/01/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER	
A					10/01/2024	10/01/2025	E.L. EACH ACCIDENT	\$1,000,000
							E.L. DISEASE-EA EMPLOYEE	\$1,000,000
							E.L. DISEASE-POLICY LIMIT	\$1,000,000
C	<input checked="" type="checkbox"/> Environmental Contractors and Prof			03120276 Prof/Poll-Claims Made Cov SIR applies per policy terms & conditions	10/01/2024	10/01/2025	Each Claim	\$2,000,000
							Aggregate	\$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Evidence of Insurance. Stop Gap Coverage for the following states: OH, ND, WA, WY.

CERTIFICATE HOLDER Tetra Tech, Inc. 3475 E. Foothill Boulevard Pasadena CA 91107-6024 USA	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE <i>Aon Risk Insurance Services West, Inc.</i>

Holder Identifier : 18

Certificate No : 570108397079



Appendix A

Resumes



Georgia Vince has over 24 years of experience with environmental programs and 13 years of project management experience with governmental entities. She has managed projects of all sizes with budgets of over \$2M. She was project manager for the St. Lucie County VA completed in 2021 and is currently supporting the St. Lucie County VA Update and Regional Resiliency Plan and Indian River County VA. She also led Palm Beach County, City of Hollywood, and City of Key West Resilient Florida Programs. Georgia has extensive experience in public speaking and coordinating with stakeholders on sensitive environmental issues.

EDUCATION

BS, Biological Oceanography, Florida Institute of Technology (1993)

REGISTRATION/CERTIFICATION

Qualified Stormwater Management Inspector # 25763

YEARS OF EXPERIENCE/WITH FIRM

24 Years/14 Years

OFFICE LOCATION

Stuart, FL

TETRA TECH PROJECT EXPERIENCE

St. Lucie County VA update and Regional Resilience Plan (VARRP), St. Lucie County, FL (6/2024-Ongoing). Project Manager. Leading the update to the 2021 VA, which includes additional modeling in accordance with Section 380.093 Florida Statutes (F.S.) and development of a Regional Resilience Plan that includes the City of Port St. Lucie..

St. Lucie County VA, St Lucie County, FL (2019-2021). Project Manager for the county wide sea level rise VA. Tetra Tech teamed with Erin L. Deady, P.A. and Clearview Geographic to prepare the St. Lucie County VA as a product of Resilience Planning Grant R2133. The VA was the first step in taking a systematic, data-driven approach in developing a community-wide resilience plan to analyze natural hazard risks and identify strategies to mitigate and adapt to those hazards in a proactive, equitable, and cost-effective way.

Indian River County VA, Indian River County, FL (4/2024-Ongoing). Project Manager. Leading the development of the county's VA in compliance with Florida Statutes. Coordinating meetings, gathering data, conducting exposure and sensitivity analyses, leading public presentations and outreach meetings, and developing the VA document with associated maps and tables.

Palm Beach County VA and Resilience Action Plan, Palm Beach County, FL (2023-2024). Project Manager for the County's first VA in accordance with Chapter 380.093 F.S. and development of a Resilience Action Plan to identify mitigation and adaptation strategies related to climate change and sea level rise. The project is funded by both a state Resilient Florida grant and a Department of Economic Opportunity (DEO) grant. The plan evaluates various climate threats including flooding, extreme heat, drought, wildfires, and coastal erosion.

City of Hollywood VA Update, Hollywood, FL (2023-2024). Project Manager for the City's VA Update Project, which is funded by a state Resilient Florida Grant to update their previously completed VA to meet Chapter 380.093 F. S. requirements. The Adaptation Plan developed as part of the VA Update will include 50 conceptual design plans for adaptation projects and evaluation of state and federal grant opportunities for funding the prioritized projects.

City of Key West VA and Climate Adaptation Plan, Key West, FL (2023-2024). Project Manager for the City's Resilient Florida VA that evaluates risks and hazards associated with sea level rise and climate change. This effort included a complex assets and data collection effort with important infrastructure on an. The project included a robust public outreach plan including public outreach meetings, project website, newsletter distribution and community engagement opportunities throughout the development of the VA. Tetra Tech is currently preparing an adaptation plan that includes a set of adaptation projects for the prioritized assets identified in the VA.



Erin L. Deady, Esquire, AICP

Attorney and Certified Land Planner

ERIN L. DEADY, P.A. 

EXPERIENCE

Deady: 2011

Industry: 1995

AREAS OF EXPERTISE

Sustainability and
Climate Planning

Energy Conservation

Land Use

Grant Funding

Environmental
Restoration

PROFESSIONAL ASSOCIATIONS

American Institute of
Certified Planners

Florida Chapter of the
American Planning
Association

PROFESSIONAL SUMMARY

Ms. Deady has significant management experience on numerous complex projects involving climate legal, policy and planning elements including vulnerability analyses and integration of adaptation responses into Comprehensive Plans. Ms. Deady has worked on numerous sustainability, climate and energy planning efforts around the state for large and small local governments. Ms. Deady has published numerous articles and resources related to the planning and legal issues surrounding resiliency and adaptation planning strategies. A cornerstone of this experience includes the development and implementation of public engagement and outreach strategies to support local government policy and decision-making processes.

QUALIFICATIONS

Education

- Juris Doctorate, Nova Southeastern University, Shepard Broad Law Center 2000
- Master Public Administration, Environmental Growth Management, Florida Atlantic University 1996
- Master of Public Administration, University of the Virgin Islands, 1995
- Bachelor of Arts, Marine Science Affairs, University of Miami, 1993

Registrations / Certifications / Licenses

- Florida Bar No. 367310
- AICP, American Institute of Certified Planners

Training / Professional Development

- Admitted to Florida Bar (2000), member of Executive Council for the Environmental and Land Use Law Section, 2002-Present. Chair 2012-Present

WORK EXPERIENCE

Erin L. Deady, P.A. | 2011 - Present
President

Lewis, Longman & Walker, PA. | 2008 - 2011
Shareholder

Audubon of Florida | 1997 - 2003
Environmental Counsel

Florida Atlantic University | 1995 - 1997
Fellowship-Urban and Environmental Solutions



Christina Gray has 6 years of experience acquiring, processing, and creating topobathymetric LiDAR deliverables for projects that cover a variety of environments. These projects include hazard mapping, natural disaster relief, defense, and environmental surveying. She has experience with all parts of topobathymetric LiDAR process, from ground control survey, sensor operation, quality checks, creating and running automated cleaning algorithms, managing and training editing staff, creating final deliverables, and edits for client feedback. Additionally, Christina has lead work for vulnerability assessments for St. Lucie and Indian River counties, compiling county provided and publicly available asset lists and comparing the assets to multiple sea level rise scenarios, rainfall depth grids and storm surge to help guide future mitigation plans.

TETRA TECH PROJECT EXPERIENCE

St. Lucie County VA Update and Regional Resilience Plan (VARRP), St. Lucie County, FL (6/2024-Ongoing). GIS Lead. Creating a new workflow to assist in county mitigation efforts for climate related sea level rise. Work included creating depth grids of sea level rise, storm surge, and future rainfall in addition to creating, managing, and developing metadata for county and publicly available asset data. Asset data was then overlaid with depth grids and compared to metrics such as the CDC Social Vulnerability Score to determine the assets most likely to need mitigation efforts.

Indian River County VA, Indian River County, FL (4/2024-Ongoing). GIS Lead. Creating a new workflow to assist in county mitigation efforts for climate related sea level rise. Work included creating depth grids of sea level rise, storm surge, and future rainfall in addition to creating, managing, and developing metadata for county and publicly available asset data. Asset data was then overlaid with depth grids and compared to metrics such as the CDC Social Vulnerability Score to determine the assets most likely to need mitigation efforts.

Shoreline Mapping for the Coastal Mapping Project, National Ocean and Atmospheric Administration (NOAA) National Geodetic Survey (NGS) (2024-Ongoing). Topobathymetric LiDAR Strategist. Worked as a subcontractor for Fugro to assist on their NOAA NGS Florida shoreline mapping project. Responsibilities included but were not limited to creating initial grounding automated routines, post calibration automated routines, and semi-automated routines for more efficient manual QA/QC.

LiDAR Data Acquisition and Processing for Topography and Boundary Survey for the Propose Black River, White River, and Black Scoter Solar Project, Brookfield Renewable US, Jackson County, AR (3/2024). Topobathymetric LiDAR Strategist. Duties included QC of the initial grounding, automated routines to remove features and other issues to assist in manual QA/QC, manual QC, and reporting.

Eastern Lake Superior LiDAR, NOAA Whitefish Point to Bay Mills, MI (8/2023-10/2023) Topobathymetric LiDAR Strategist. Assisted with the workflow development for the team's first topobathymetric LiDAR project. Created an automated cleaning and grounding routine in MicroStation to facilitate the best possible dataset for swath-to-swath alignment, as well as post alignment cleaning routines to limit the amount of manual editing needed on the data set. Developed the intensity correction workflow and developed the overall general project workflow.

EDUCATION

BS Geoscience, Pacific Lutheran University (2016)

MS Geology, Portland State University (2019)

GIS Graduate Certificate, Portland State University (2019)

REGISTRATION/CERTIFICATION

Certified Mapping Technologist, LT076, October 2022

YEARS OF EXPERIENCE/WITH FIRM

6 Years/1 Years

OFFICE LOCATION

Denver, CO



Carlie Klapper has a diverse set of skills in sustainability and resiliency, green building, and geographic information systems (GIS). She joined the Tetra Tech team in April 2023 and is currently supporting Palm Beach County and City of Hollywood with their Resilient Florida Programs.

TETRA TECH PROJECT EXPERIENCE

St Lucie County Vulnerability Assessment and Regional Resilience Plan, ST Lucie County, FL Task Manager for the County's t VA in accordance with Chapter 380.093 F.S. and development of a Regional Resilience Plan to identify mitigation and adaptation strategies related to climate change and sea level rise. The project is funded by both a state Resilient Florida grant and a Department of Economic Opportunity (DEO) grant. Tasks include a climate threat inventory, data acquisition, hazard evaluation, inundation mapping and modeling, public engagement, and the creation of a ranking methodology and cost benefit analysis resulting in the production of the final VA report and Regional Resilience Plan.

Palm Beach County Vulnerability Assessment (VA) and Resilience Action Plan, Palm Beach County, FL. Task Manager for the County's first VA in accordance with Chapter 380.093 F.S. and development of a Resilience Action Plan to identify mitigation and adaptation strategies related to climate change and sea level rise. The project is funded by both a state Resilient Florida grant and a Department of Economic Opportunity (DEO) grant. Tasks include a climate threat inventory, data acquisition, hazard evaluation, inundation mapping and modeling, public engagement, and the creation of a ranking methodology, resulting in the production of the final VA report and Resilience Action Plan.

City of Hollywood Vulnerability Assessment Update, Hollywood, FL. Task Manager for the City's VA Update Project, which is funded by a state Resilient Florida Grant to update their previously completed VA to meet Chapter 380.093 F. S. requirements. The VA includes public engagement, data acquisition, and inundation mapping and modeling components, which are summarized into a VA report. The Adaptation Plan developed as part of the VA Update will include 50 conceptual design plans for adaptation projects and evaluation of state and federal grant opportunities for funding the prioritized projects.

Indian River County Vulnerability Assessment, Indian River County, FL Task Manager for the City's VA Update Project, which is funded by a state Resilient Florida Grant to update their previously completed VA to meet Chapter 380.093 F. S. requirements. The VA includes public engagement, data acquisition, and inundation mapping and modeling components, which will culminate into a VA report.

SFWMD, Lake Okeechobee Component A Reservoir (LOCAR), Highlands County, FL. Project support for the LOCAR Feasibility Study and Draft Environmental Impact Statement, which is a federal planning document for 200,000 ac-ft water storage reservoir located north of Lake Okeechobee in Highlands County.

EDUCATION

MS, Sustainable Business, University of Miami (2022)

BA, Geography and Sustainable Development, Miami University (2021)

REGISTRATION/CERTIFICATION

LEED Green Associate, 11501-GREEN-ASSOCIATE

Construction Lifecycle Assessment Specialist, vugrovd1

YEARS OF EXPERIENCE/WITH FIRM

3 Years/1 Year

OFFICE LOCATION

Stuart, FL



Patricia Grunwald is proficient in using the two-dimensional hydrodynamic S2DMM Model and focuses on analytical modeling and data analysis. Input file preparation for the S2DMM model includes soil, land use, MODFLOW, topo, rainfall, evapotranspiration, and structure/channel inputs. She has 8 years of experience modeling using S2DMM. Her primary duties include GIS spatial analysis of hydrologic/hydrodynamic modeling, along with information research of South Florida Water Management District's (SFWMD's) DBHYDRO, ePermitting and other state and local databases. During her early years as an engineer, she worked in the petrochemical industry in three different areas. She served as a safety leader in the petrochemical plant and trained employees to prevent incidents and accidents.

EDUCATION

B.S., Chemical Engineer (Certified),
Universidad Iberoamericana, CDMS
(2001)

YEARS OF EXPERIENCE/WITH FIRM

11 Years/2 Years

OFFICE LOCATION

Stuart, FL

TETRA TECH PROJECT EXPERIENCE

Cypress Creek Restoration, Palm Beach-Martin County, FL (1/2023 – Ongoing). S2DMM Modeler. Sets up hydrologic/hydraulic modeling for wetland restoration using SFWMD data and other local databases. Analyzing and evaluating model calibration and validation information of the S2DMM model results for the various areas of interest in support of water resource management. Hydrodynamic modeling and data analysis of water for wetland restoration and floodplain management. Inundation depth analysis for different options to improve the floodplain in the area.

Loxahatchee River Restoration Project, Flow Way 3, Palm Beach-Martin County, FL (1/2023 – Ongoing). S2DMM Modeler. Developed scope of work and budget for the project. The project consists of six subbasins contained in the Cypress Creek Regional Model. Sets up hydrologic/hydraulic modeling for wetland restoration using SFWMD data and other local databases. Analyzing and evaluating model calibration and validation information of the S2DMM model results for the various areas of interest in support of water resource management. Hydrodynamic modeling and data analysis of water for wetland restoration and floodplain management. Inundation depth analysis for different options to improve the floodplain in the area. Development of hydroperiods for the sheet flow.

PREVIOUS EXPERIENCE

Tomasello Consulting Engineers, Inc. (2014 – 2022). Provided engineering expertise and support for multiple waterflow modeling projects and GIS mapping for FEMA, Florida, multiple Florida counties, municipalities, private construction firms, and individuals. Proficient in the use of various software packages including S2DMM, Fortran, HEC-RAS, and ArcGIS. Duties also included researching permits and structures, working with LIDAR files, and identifying watersheds, culverts, and drainage patterns in a given region.

Collier County Flood Study: Ave Maria, Henderson, Faka Union/Miller, Southern Coastal, District 6, Coco A-B-C. Revised the Collier County Basins to deliver the FEMA flood study. Sets up input files of S2DMM model. Uses resources from SFWMD (DBHYDRO, ePermitting, SFWMD Model) and Arc Map-GIS. Compares SFWMD data for Calibration and Validation of S2DMM model.

Lee County Florida Flood Studies, Halfway and Mullock Creeks, Estero River, and Ten Mile Canal. Directs modeling and Digital Flood Insurance Rate Map mapping for flood studies for FEMA Physical Map Revision for the Ten Mile Canal, and Halfway and Mullock Creeks. Letter of Map Revision or Estero River. These basins are all modeled using S2DMM model developed by Tomasello Consulting Engineering, Inc. for flood study submittal to FEMA. Sets up input files for S2DMM Model using SFWMD databases. Models HEC-RAS for the Floodway and Floodplain using S2DMM results for the basins.