ORIGINAL

WRMA
WATER RESOURCES I ENGINEERING

TOWN OF LAKE PARK, FL

CONTINUING SERVICES – ARCHITECTURE, ENGINEERING (VARIOUS TYPES), LANDSCAPE ARCHITECTURE, SURVEY & MAPPING, PLANNING AND OTHER RELATED SERVICES

RFP NO. 113-2023
OCTOBER 24, 2023
2:00 PM

WATER RESOURCES MANAGEMENT ASSOCIATES, INC.

ENVIRONMENTAL I HYDRAULICS I WATER RESOURCES I DBE I MBE I SBE I CERTIFIED

TOWN OF LAKE PARK, FL

RFP NO. 113-2023 CONTINUING SERVICES - ARCHITECTURAL, ENGINEERING (VARIOUS TYPES), LANDSCAPE ARCHITECTURE, SURVEY & MAPPING, PLANNING AND OTHER RELATED SERVICES

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WRMA
WATER RESOURCES | ENGINEERING

Town of Lake Park
535 Park Avenue
Lake Park, FL 33403
Attention: Roberto Travieso, Director Public Works Department

October 24, 2023

RE: Request for Proposals (RFP) No. 113-2023, Continuing Services – Architecture, Engineering (Various Types), Landscape Architecture, Survey & Mapping, Planning and Other Related Services.

Dear Mr. Travieso:

Water Resources Management Associates, Inc. (WRMA) is pleased to submit this Letter of Intent and qualifications package for your consideration.

WRMA is an engineering consulting firm founded in Florida in 1997 specializing in design and implementation of municipal water resources engineering infrastructure Capital Improvement Plan (CIP) projects. Our engineers have expertise in water resources engineering infrastructure design including stormwater/flood control systems, and general civil engineering (facilities siting, roadway & utility elements) as part of the design.

Headquartered in Tequesta, Florida in northern Palm Beach County, with project offices in Miami, and Vero Beach Florida, WRMA wishes to be considered for *Stormwater Engineering and General Civil Engineering and Roadway Design* services under this contract (refer to Exbibit I - Designation of Qualified Discipline Form).

For this RFP, the WRMA team will be supported by ***WIRX Engineering (WIRX)*** for the provision of geotechnical consulting services. ***Javier E. Bidot & Associates (JEBA)*** will assist with drainage easement, platting, boundary, and topographic and hydrographic survey tasks. ***Smith Engineering Consultants, Inc (SEC)*** will provide electrical pump engineering and lighting design assistance. ***Dover Engineering (DE)*** will provide mechanical (pump) engineering and water/sewer utility conflict design support and Underwater ***Engineering Services, Inc. (UESI)*** will assist with any required underwater stormwater outfall or culvert condition assessment.

WRMA is currently collaborating with all these firms for similar municipal City, County stormwater CIP projects including the Town of Lake Park Second Street Bioswales and Bostrom Park Underground Storage Filtration Chambers projects, the St, Lucie County FDEP BMAP/TMDL River Park Baffle Boxes (NSBB) project and the Brevard County Flamingo Drive Hybrid dry swale and underground chambers project. Additional background on the identified sub-consultants is enclosed.

In 2018, WRMA was selected to work with the Town under RFQP# 107-218– Professional Consultant Services – 5.2.(a) Stormwater Engineering. Under this contract, WRMA was tasked with the 2020 Stormwater Master Plan Update. As part of the SWMP CIP program, WRMA conceptualized and formulated a three-phase Southern Outfall project that addressed flooding problems and water quality issues. The outfall project developed by WRMA was based on Green Infrastructure Best Management Practices such as Bioswales, underground storage filtration chambers and Sea Level Rise pump stations. The sustainability and Green Infrastructure-based approach for the SWMP update and stormwater Capital Improvement Plan (CIP) implementation has been very well received by both state and federal agencies. This project, which includes the Bostrom Park 3-acre farm of underground storage filtration chambers (the first of its kind in South Florida), was selected

by the Governor for a Florida Department of Economic Opportunity's Rebuild Florida program grant in the amount of $11.1 million. Since 2019, WRMA has assisted the Town with the acquisition of over *$18 million* of federal (FEMA HMGP) and state (FDEP, Florida Resilient Coastlines Program) grants.

In addition to the SWMP and Southern Outfall projects, WRMA has also assisted the Town with the annual Palm Beach County NPDES/MS4 permit reporting, the annual recertification of the Stormwater Utility Fee rate program, key CRS activities, implementation of GI/LID Best Management Practices for the widening of US Highway 1, and drainage review of the Nautilus and Silver Beach Industrial Park projects.

WRMA's proficiency has led to continuing water resources engineering/stormwater contracts with many municipalities including the Cities of Tallahassee and West Palm Beach, Brevard, Indian River, St. Lucie, and Martin County. WRMA currently holds a Professional Engineering Services – Civil Engineering contract with Collier County.

WRMA is a registered vendor with the US Government and is listed with the Federal Emergency Management Agency (FEMA) for the provision of flood studies and mapping related services. As a Hispanic American minority firm, WRMA holds Minority Business Enterprise (MBE) and Disadvantaged Business Enterprise (DBE) certificates with the Florida Department of Transportation (FDOT) and the State of Florida Office of Supplier Diversity, as well as a Small Business Enterprise (SBE) certificate with the South Florida Water Management District (SFWMD).

Raul Mercado, PE, CFM will serve as Project Manager and is authorized to make representation for this contract. He has more than 38 years of engineering experience and a proven track record of performing and managing stormwater Capital Improvement Program (CIP) projects for local municipalities as well as complex inter-jurisdictional regional, state, and federal projects.

WRMA has enjoyed performing projects for the Town of Lake Park and is committed to providing continuing assistance with future climate change, and water quantity and quality challenges. WRMA looks forward to the next five-year term and aiding the Town of Lake Park in becoming the most sustainable community in South Florida.

Sincerely,

Raul Mercado, PE, CFM
Principal-in-Charge
raul.mercado@wrmaeng.com

WATER RESOURCES MANAGEMENT ASSOCIATES, INC. CORPORATE SEAL 1997 FLORIDA

TAB A

EXHIBIT I

DESIGNATION OF QUALIFIED DISCIPLINE FORM

Proposed Discipline(s)

Please indicate for which discipline(s) that your firm wishes to be considered by checking next to the discipline(s) shown below and indicating whether services will be provided by 1. Employees of your firm, 2. Sub-contractors, or 3. Both.

Respondents shall include information regarding individuals who will be responsible for this discipline and provide experience and qualifications for each discipline as a part of Respondent's Narrative Response.

Qualified Discipline	***Firm's Employees***	***Sub-Contractor***	***Firm's Employees and Subcontractor***
General Civil Engineering and Roadway Design	☐	☐	☑
Stormwater Engineering	☑	☐	☐
Transportation Consulting (i.e., Traffic Engineering)	☐	☐	☐
Engineering and planning studies/investigations, preparation of plans and specifications, provide bidding assistance, inspection, and administration of construction, permitting of TOWN roads, bridges and other horizontal control work as required in the implementation of the approved capital program.	☐	☐	☐
Architectural, **(preferably with experience in historic preservation work)**	☐	☐	☐

Electrical, Supervisory Control and Data Acquisition (SCADA), and geographical information systems (GIS)	☐	☐	☐
Environmental Planning and Studies	☐	☐	☐
Irrigation Design	☐	☐	☐
Landscape Architectural	☐	☐	☐
Land Surveying and Mapping	☐	☐	☐
Mechanical	☐	☐	☐
Urban Planning **(AICP Certification preferred)**	☐	☐	☐

END OF RFP 113-2023 DOCUMENT.

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EXHIBIT B | ORGANIZATIONAL CHART

RFP No. 113-2023 CONTINUING SERVICES - ARCHITECTURE, ENGINEERING (VARIOUS TYPES), LANDSCAPE ARCHITECTURE, SURVEY & MAPPING, PLANNING AND OTHER RELATED SERVICES

PROJECT MANAGER
RAUL MERCADO, PE, CFM

ASSISTANT PROJECT MANAGER
MICHAEL MERCADO, PE, CFM

QA / QC
MORIS CABEZAS, PhD, PE

ENVIRONMENTAL & REGULATORY PERMITTING & GRANTS

SFWMD/ERP
✓ Raul Mercado, PE (WRMA)

FDOT DRAINAGE CONNECTION
✓Francisco Avelar, PE (WRMA)

FDEP/USACOE WETLANDS/NEPA
John Leslie, MS (WRMA)

NPDES/MS4
Raul Mercado, PE (WRMA)

TMDL & BMAP CREDITS
Moris Cabezas, PhD, PE (WRMA)

FEMA HMGP/BCA ANALYSIS
Raul Mercado, PE, CFM (WRMA)

GRANT WRITING
Marissa Mercado (WRMA)

FLOOD PROTECTION & STORMWATER MANAGEMENT

URBAN DRAINAGE SYSTEM DESIGN
✓ Michael Mercado, PE, CFM (WRMA)

ICPR4 2-DIMENSIONAL MODELING
✓ Andrew Mercado, PE, CFM (WRMA)

HEC-RAS MODELING
FLOODPLAIN & OPEN CHANNEL FLOW
Michael Mercado, PE, CFM (WRMA)

WATER QUALITY/ BMAP MODELING
Raul Mercado, PE, CFM (WRMA)

STORMWATER PUMPS HYDRAULICS
Raul Mercado, PE, CFM (WRMA)

STORMWATER PUMPS
ELECTRICAL & MECHANICAL
Larry Smith, PE **(SEC)**
Phil Dover, PE **(DOVER)**

SCADA & TELEMETRY
Larry Smith, PE **(SEC)**

SURVEYING & MAPPING FIELD INVESTIGATION SERVICES

SURVEYING & UTILITY LOCATIONS
Javier E Bidot, PSM **(JSA)**

TERESTRIAL MOBILE LIDAR
Ryan Kett, PSM **(JSA)**

GIS MAPPING
Ryan Novotny (WRMA)

GEOTECHNICAL FIELD TESTING
Andrew Nison, PE **(WIRX)**

STORMWATER SEWER & MANHOLE
ASSET CONDITION ASSESSMENT
Michael Mercado, PE (WRMA)

BRIDGE AND CULVERT INSPECTIONS
Jeff O'Connor, PE **(UESI)**
Marty Faulk, CBI **(UESI)**

EROSION CONTROL INSPECTIONS
Connor Hadel (WRMA)

GREEN INFRASTRUCUTRE & CIVIL ENGINEERING DESIGN

GREEN INFRASTRUCTURE, STORM SEWER &OPEN CHANNEL DESIGN
Michael Mercado, PE, CFM (WRMA)

DITCH/CANAL BANK STABILIZATION DESIGN
Raul Mercado, PE, CFM (WRMA)

ROADWAY DESIGN & MOT PLANS
Francisco Avelar, PE (WRMA)

STRUCTURAL DESIGN
BRIDGE/BOX CULVERT
Candi Anderson, PE (WRMA)

UTILITY RELOCATION DESIGN
Phil Dover, PE **(DOVER)**

PROJECT SCHEDULING
Raul Pellegrino, PE (WRMA)

CONSTRUCTION CEI SUPPORT
Robert Guzman, PE (WRMA)

EXHIBIT H

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY, AND VOLUNTARY EXCLUSION – LOWER TIER PARTICIPANT

Certification regarding Debarment Suspension, Ineligibility and Voluntary Exclusion- Lower Tier Covered Transactions pursuant to 49 CFR 24, Code of Federal Regulations, Part 24.510(b):

By signing and submitting this proposal, the prospective lower-tier participant certifies that neither it, nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. The prospective Lower-Tier participant further certifies that:

3. I, and any principals of my firm, understand that the certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that I/we knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies.

4. Further, I, and any principal of my firm, shall provide immediate written notice to the person to whom this proposal is submitted if, at any time, we learn that my/our certification was erroneous when submitted, or has become erroneous by reason of changed circumstances.

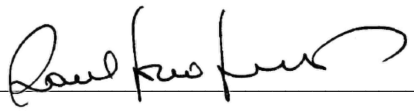
5. By submitting this proposal, I, and any principals of my firm, agree that should the proposed covered transaction be entered into, I/we will not knowingly enter into any Lower-Tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction unless authorized by the agency with which this transaction originated.

6. I, and any principals of my firm, further agree by submitting this proposal that I/we will include this Certification, without modification, in all Lower-Tier covered transactions and in all solicitations for Lower-Tier covered transactions.

Contractor Name: Water Resources Management Associates, Inc.

Address: 250 Tequesta Drive, Suite 302

City Tequesta State: Florida Zip: 33469

Signature:  Date: October 10, 2023

NON-CERTIFICATION:

Contractor Name: N/A

Address: _____

City:_____ State: _____ Zip: _____

Signature: _____ Date: _____

TAB B

TEAM COMPOSITION

This RFP team is comprised of Water Resources Management Associates, Inc. **(WRMA)** as the prime firm and five (5) local sub-consultants: WIRX Engineering **(WIRX)**, Javier E. Bidot & Associates **(JEBA)**, Smith Engineering Consultants **(SEC)**, Dover Engineering **(DE)** and Underwater Engineering Services, Inc. **(UESI).** WRMA has frequently worked with each of these firms for a variety of civil, water resources, and environmental engineering projects throughout Central and South Florida.

WRMA TEAM FIRM ROLES AND TECHNICAL DISCIPLINES		
Prime	**Sub-Consultant**	**Firm Role & Technical Disciplines to be Provided**
WRMA		Lead Project Management, Stormwater Management Conveyance System Design Stormwater Master Planning , Watershed H&H 2-D Modeling (ICPR4, HEC-HMS), Open Channel 1-D / 2-D Modeling (HEC-RAS, XP-SWMM), Gravity Control Structure Design & Retrofitting, Canal / Levee Bank Stabilization Design, Culvert/Bridge Hydraulic Modeling & Analysis, Scour Countermeasure Design, Culvert/Bridge Design and Replacement, Stream Culvert Asset Armoring Design, Water Quality Modeling for MS-4/ NPDES (SIMPLE model), NPDES MS-4 Water Quality Sampling and Annual Reporting, Watershed Hydrologic Modeling, Flood Level of Service (LOS) Determination, Seepage Groundwater Modeling, LID Facility Design & Green Infrastructure BMPS, Environmental Resource Permitting Stormwater Pump Station Design & Optimization Analysis , Gravity Sewer System Design Roadway Drainage Design, Engineering During Construction Services, Sea Level Rise Flooding Assessment and Retrofit Design.
	WIRX	Geotechnical Engineering Design, Geotechnical Borings, Sampling and Testing, Borehole Permeability Testing, Piezometer Installation and Monitoring (Hydro-Periods), Soil Slope Stability Testing,
	JEBA	Topographic Surveys and Mapping, Bathymetric Surveys and Mapping, Sub-Surface Utility Location, As-Built Surveys and Construction Stakeouts
	DE	Mechanical Engineering for Pump Station Design and , Water & Sewer Utility Conflicts
	UESI	Underwater Outfall and Culvert condition Assessment
	SEC	Electrical Engineering for pump controls and lighting

FIRM BACKGROUND

PRIME (WRMA)

Water Resources Management Associates, Inc. specializes in hydrologic, hydraulic and water quality modeling (1 and 2-D) of municipal stormwater management and water resource systems. Our engineers are experts in the application of both 1 and 2-Dimensional ICPR4, SWMM/XPSWMM and InfoWorks ICM models and are extremely proficient in HEC-RAS modeling for hydraulic sizing of culverts, bridges, stream restoration design, canal bank stabilization, dike/levee assessments, flood level of service determinations and FEMA DFIRM/LOMR floodplain modeling. In multiple instances WRMA has participated as expert consultants on behalf of cities and counties for the interpretation of new DFIRMS through the Letter of Map Revision (LOMR) process.

WRMA services include Stormwater Management O&M and design solutions for existing and new stormwater infrastructure. Our capabilities and services in stormwater management range from O&M related services including inspection and cleaning, to full design engineering, involving the design and replacement of existing culverts, bridges, conventional pipe-to-pond collection systems and stormwater pump station design and optimization.

Staff engineers specialize in integrating Green Infrastructure and Low Intensity Development (GI/LID) facilities into existing or proposed stormwater master plans in order to improve water quality treatment of urban stormwater runoff, reduce runoff volumes to existing conveyances, beautify existing street corridors, re-develop or re-brand aged neighborhood communities, and improve overall collection system performance. WRMA also provides XPSWMM/SWAT watershed

water quality modeling, SIMPLE non-point source and BMPTrains pollutant loading assessment models to meet NPDES and FDEP BMAP/TMDL program pollutant load reductions.

As GI/LID facilities can be a cost-effective way to enhance a system's climate resiliency, WRMA staff are well versed in the design and integration of Climate Change-based GI/LID facilities and Best Management Practices (BMPs) such as Bioswales, Biodetention/Bioretention and Underground Storage Filtration Chambers at the stormwater masterplan and project site levels to meet sustainability goals, and with vulnerability, risk and adaptation analysis to assess the impacts of climate change.

Our services also include H&H modeling and water resource engineering design services for pump, outfall pipe and flap gate/valve design optimization for Sea Level Rise impacts. WRMA associates have acquired extensive regulatory permitting experience with the SFWMD, FDEP, FDOT, U.S. Environmental Protection Agency (USEPA), U.S. Army Corps of Engineers (USACOE), U.S. Fish & Wildlife Service (USFWS) and with the U.S. Department of Transportation (FHWA).

As a Hispanic American minority firm, WRMA holds certifications from the Florida Department of Transportation and the State of Florida Office of Supplier Diversity as a Minority Business Enterprise (MBE) and Disadvantaged Business Enterprise (DBE). We also hold a Small Business Enterprise (SBE) certificate from the South Florida Water Management District (SFWMD).

Over the last fifteen years, our knowledge and experience has assisted municipalities and the SWFMD in the successful procurement of over 35 million in State and Federal grants.

SUBCONSULTANTS

WIRX Engineering (WIRX) is a 100 percent employee-owned consulting engineering firm located in Ft. Lauderdale, FL. WIRX staff have advanced knowledge in providing geotechnical engineering services, including field exploration, drilling, laboratory materials testing, and construction support for a wide variety of commercial, transportation, water resources, industrial, high-rise, retail, and institutional projects. WIRX services include Geotechnical Engineering (STP's, piezometers, soil lab testing, double ring infiltrometer tests), and Hydrogeological Assessment (Groundwater Seepage & Hydrogeology, Groundwater Flow Modeling, Storm Water Design Assistance, Retention Pond Analysis).

Javier E. Bidot & Associates (JEBA) – JEBA is a land surveying, hydrographic, and utility mapping firm based in the Municipality of Caguas, PR, with branch offices in Orlando and Boca Raton, FL. JEBA is a SFWMD Certified Small Business Enterprise. In the last 25 years, JEBA has catered to federal, state, and municipal government organizations and the private sector for large scale infrastructure, transportation, utilities, topographic and engineering surveys. JEBA offers state-of-the-art mobile and drone LiDAR and has several years of project experience working on large civil works projects for the USACE, Jacksonville District, including dam projects in Puerto Rico, as well as the Herbert Hoover Dike (HHD) on Lake Okeechobee. JEBA recently provided LiDAR data acquisition for HDD Corps of Engineers project.

Smith Engineering Consultants, Inc. (SEC) is located in West Palm Beach, FL and is highly experienced in the planning, design, and construction supervision of all types of electrical and mechanical pump installations. SEC's engineers and designers have extensive experience in completing numerous projects of all types including major Sea Level Rise and Stormwater/flood control pump stations for Florida's Water Management Districts, roadways, airports, and sports field lighting. SEC has designed electrical control, SCADA telemetry and mechanical components for some of the largest SFWMD flood control pump stations.

Dover Engineering (DE) is a professional civil engineering firm headquartered in Tequesta, Florida, providing civil/mechanical engineering services to municipalities, counties, state agencies and private enterprises. DE is qualified to provide solutions through an extensive range of professional services

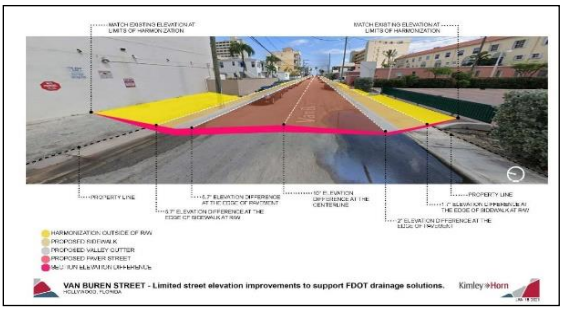
including mechanical water/wastewater engineering, civil/site, stormwater/flood control pump station facilities, permitting, planning and construction.

Underwater Engineering Services, Inc. (UESI) is located in Ft. Pierce, FL, and has provided engineering, inspection, testing and other related services to the municipalities and the power industry since 1977. UESI employs commercially trained professional engineer-divers and more than 30 commercially trained divers that have provided underwater stormwater outfall inspections and construction services for the SFWMD for more than 20 years. UESI services include Structure inspection & evaluation, Underwater video & photography, Inspection by Professional Engineer-Divers, Construction Engineering Inspection (CEI), Tunnel and pipe penetration dive inspection, buried pipe ID & OD inspection and assessment, ROV and Sonar-Enhanced inspection/survey, Reports by Professional Engineer, NACE, ASME, & ATM Coating inspection, Ultrasonic testing equipment, and NASSCO Stormsewer Outfall Condition Assessment surveys.

SIMILAR PROJECT WORK EXPERIENCE

CATEGORY: WATER RESOURCES ENGINEERING

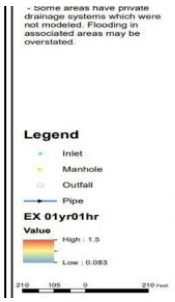
The WRMA team has collaborated in numerous water resources, stormwater management, flood control and water quality modeling projects that compare with the Town's CIP 2016-2020. These include:



Sustainability/Sea Level Rise

ICPR4-2D H&H Stormwater/Sea Level Rise Modeling for City of Hollywood, FL, Raise Sustainability Grant Application Data Needs Support Report. The implementation of the Phase IV Street Reconstruction and Resiliency Improvements - East-West Streets from Harrison Street to Magnolia Terrace project consists of reconstruction of 18 parallel Town streets from SR A1A at the west end to Surf Road at the east end including Surf Road. These streets continually flood throughout the year due to high tides and/or a combination of high tides with storm events. SR A1A is the only north/south transportation option on the Barrier Island, and even during no rainfall non-emergency day to day operations the flooding risk to vehicles is high as they access SR A1A from these Town streets (Cars frequently stall out and it is dangerous for pedestrians). The flooding along these side streets is increasing year over year and the situation is expected to continue to worsen with Sea Level Rise (SLR). Proposed resiliency improvements under this project will consist of raising the road profile and reconstructing the streets, improving street drainage, converting the overhead utilities to underground. To partially fund the $28 million project the Town of Hollywood wishes to take advantage of a Fiscal Year (FY) 2021 discretionary grant funding opportunity through the Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grant. WRMA was tasked with assisting the city with the grant application data needs matrix that required information related to flooding frequency and duration, depth of flood and flood damages.

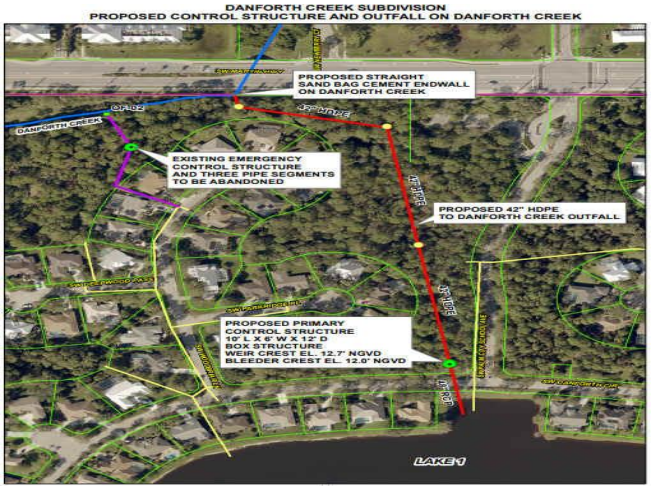
WRMA prepared an ICPR4-2D H&H model to assess the adequacy, or the reduction of flooding from the implementation of the proposed roadway improvements. The H&H analysis of the Hollywood Beach project area was conducted using a fully 2-dimensional (2D) "rain-on-mesh" ICPR ver. 4 model. The 2-dimensional ICPR4 model, as described above, was run for existing and proposed conditions for the 1, 2, 3, 5 and 10-year, one hour design



storm events with rainfall volumes of 1.57, 2.50, 2.70, 3.08 and 3.6 inches per hour, respectively. Results indicated that the Built scenario will not eliminate all flooding from minor rainfall storm events. The results indicated that for the larger (major) 3 and 5-year/24-hour design storm events, the Built Scenario is successful in decreasing the depth (4-6") and duration of flooding.

Client:	City of Hollywood, FL, Public Works Department
Contact:	Sarita Shamah, PE, Sr. Project Manager
Phone/Email:	(954) 924-2980, sshamah@hollywoodfl.org
Fees:	Design: $25,000 / Construction: $28 Million
Completion:	October 2021

Stormwater Management/Flood Control



Danforth Subdivision Stormwater Management System Rehabilitation Project. The 205-acre Danforth Creek subdivision located in Palm Town, FL and its stormwater management system consists of four (4) interconnected lakes, inlets along streets and in open areas, and two outfalls with control structures. The primary outfall discharges to the South Fork St. Lucie River via the Pipers Landing Slough conveyance system (CS1). A secondary outfall discharges excess runoff to Danforth Creek (CS2). Certain portions of the subdivision roads had experienced periodic ponding and flooding with minor rainfall storm events as well as roadway culvert collapse.

Water Resources Management Associates, Inc. (WRMA) was selected to investigate the cause of the flooding, to determine system efficiency, perform retrofit design, and obtain all pertinent (FDEP/SFWMD, Martin County) regulatory permits for retrofit and operation of the Danforth Creek Subdivision surface water management system. WRMA performed existing condition hydraulic analysis of the surface water management system of interconnected lakes, culverts, inlets, and control structures to ascertain the impact that storm sewer inlets, catch basins, and culverts have on each lake. An ICPR4 hydrodynamic model was developed and is being applied to ascertain the individual behavior of each lake stage as a function of the interconnected system of culverts. The analysis concluded that the main discharge of the subdivision through the Piper's Landing slough outfall was not performing as designed. The constant high tail water condition at the Slough precluded the proper functioning of control structure CS1. The 2-foot bleeder at CS1 was submerged most of the time for a 25-year design storm event and did not return the lake system to pre- storm event conditions.

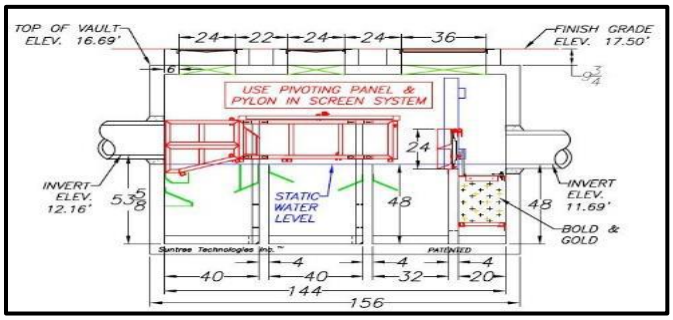
WRMA performed an alternative retrofit design analysis that included a new outfall control structure to Danforth Creek. The structure modification will allow for better bleeding or return of lake levels to the near normal stage condition and will relieve the flooding experienced in some parts of the subdivision. WRMA prepared plans and specifications for anew primary outfall consisting of over 1100 feet of 42" HDPE Storm pipe, a 10'x8'x6' control structure with new weir and bleeder elevations and also performed a modification of the current South Florida Water Management Town (SFWMD) permit. WRMA prepared engineering quantity take offs, and bid documents, and will perform construction management of proposed improvements.

Client:	Danforth Subdivision, POA/Coastal Community Management Associates (in coordination with Martin County Public Works Department & SFWMD)
Contact:	Art Thompson, POA President (former)
Phone/Email	actdiddee@aol.com

Fees:	Design: $55,000 / Construction: $495,000
Completion:	December 2021

Water Quality (BMAP) Project

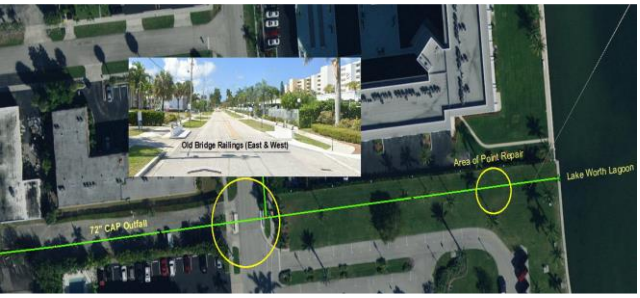
St. Lucie River and Estuary BMAP – River Park Nutrient Separating Baffle Boxes (NSBB) Water Quality Retrofit Project. The St. Lucie River and Estuary is a major tributary to the Indian River Lagoon (IRL). The river, estuary, and lagoon are impaired by excessive nutrient inputs that are causing algal blooms and low dissolved oxygen (DO) conditions. In 2020, FDEP adopted the St. Lucie Basin Total Maximum Daily Load (TMDL), which sets limits on the amount of total nitrogen (TN) and total phosphorus (TP) that the river and estuary can receive while still meeting water quality standards. The TMDL proposed target concentrations in the St. Lucie Estuary are 0.72 milligrams per liter (mg/L) for TN and 0.081 mg/L for TP. FDEP requires that the full BMAP reductions be achieved within 10 years. St. Lucie Town is a stakeholder in both the St. Lucie River and Estuary BMAP and the Central IRL BMAP is undertaking projects to achieve TN and TP reductions for the BMAPS. The primary purpose of the River Park Subdivision water quality retrofit project is to achieve TN and TP load reductions which will assist the Town with achieving the 10-year St. Lucie River and Estuary BMAP milestone requirement. Located west of and along the North Fork of the St. Lucie River, River Park is an existing single -family subdivision with aging septic systems. This area has shallow swales that convey stormwater directly into tidal waters with little to no pre-treatment. To address the current lack of stormwater treatment, the Town performed a preliminary loading assessment of the project area and determined that there is the potential to add second generation baffle boxes to reduce nutrients from this subdivision. In addition, the Nutrient Separating Baffle Box (NSBB) can be increased by adding Bold & Gold® filtration media. WRMA was selected by the St. Lucie Town Water Quality Division to prepare 30, 60, 90 and 100% engineering plans and specifications to implement the project. WRMA has collected topographic and geotechnical survey data and also performed detailed ICPR4 H&H modeling of the project area to calculate project 25 and 100-year peak discharges and stages. WRMA also performed pollutant loading analyses for each of the proposed NSBB sites. The BMPTrains UCF/FDEP software package was applied to determine the need of additional water quality train elements to achieve the desired TN and TP load reductions. WRMA is also performing South Florida Water Management District ERP and FDEP/BMAP regulatory permitting.



Client:	St. Lucie County Stormwater Water Quality Division
Contact:	Gary Franklin, Project Manager
Phone/Email	(772) 462-1192, FranklinG@stlucieco.org
Fees:	Design: $195,835/Construction: $0.8 million
Completion:	July 2022

Outfall Condition Assessment

UESI - 72" Cap Southern Outfall Priority Rehabilitation Project CCTV/Condition Assessment & Walkthrough Inspection. During a routine O&M inspection in late 2019, a localized soil subsidence was observed at a grassy area near the seawall at the Town of Lake Parks marina and in the vicinity of the 72" CMP outfall discharging through the seawall. Further investigations indicated that the substance was aligned with the outfall pipe conduit and a visual inspection or CCTV was commissioned. UESI conducted an internal closed-circuit television (CCTV) manned entry inspection of the existing 72"



stormwater outfall pipe in November of 2020. UESI inspected to the east of the manhole north of Dunkin Donuts through the culvert under Lake Shore Drive and to the location of the culvert failure and sinkhole and ending at the seawall. The assessment indicated that that a 600 feet section of the 72" outfall extending from just west of Lake Shore Drive to the seawall was found to have significant substructural and structural defects (Including the point repair above). The point repair was performed by replacement of the top quarter pipe with an in-kind corrugated metal pipe. The replacement section was bolted and welded to the existing pipe, overlaid with filter fabric, and backfilled to grade.

A more significant stormwater asset defect was located at the pipe crossing of Lake Shore Drive. The pipe was initially classified as having a 21-inch longitudinal deflection just before the Lake Shore Drive crossing. Further, As-Built investigations indicated that the longitudinal deflection was instead an arch transition prior to entering the remnants of a bridge at Lake Shore Drive (i.e. from round to arch). Originally, the bridge was placed at the Lake Shore Drive crossing of a ditch discharging to the Lake Worth Lagoon in the 1940's. At some point in the early 1970's the ditch was filled and the 72- inch round outfall pipe was fitted through the bridge abutments and low chord which necessitated a transition from round to arch. The bridge remnants being underground, inspection of the bridge have not been performed by either the Florida Department of Transportation, Palm Beach Town or the Town of Lake Park. No records or plans were found for the bridge but historical records indicate the its was built when Lake Shore Drive was extended south across an existing ditch in the 1940's or 1950's. WRMA recommended that the Town Management take immediate action to mitigate the known risk from this critical (beyond useful life) stormwater asset with a quantifiable likelihood of failure and financial threat to the Town. The road was closed to all traffic by Town resolution.

Client:	WRMA/Town of Lake Park Public Works Department
Contact:	Jeff O'Connor, PE
Phone/Email:	(646) 372-7378, joconnor@uesi.com
Fees:	Design: $35,000
April	November 2020

WRMA Civil Engineering Services for Civil Works Infrastructure

- ✓ **Bridge/Pedestrian Bridges, Culvert Design**
  WRMA has participated in the hydraulic design of bridge/pedestrian bridges and culvert Design for local, arterial, and interstate highways. We specialize in culvert/bridge hydraulic report (BHR) analysis and scour countermeasure design. WRMA is a prequalified (A99) provider of these services for FDOT as well as the Maryland State Highway Administration (MDSHA) and Montgomery County, MD DOT. WRMA is also FDOT-Lap-certified. WRMA staff experience includes the hydraulic design of the Kalmia and Fenway Road Bridges (Washington DC/ MD), the State Road 786 (PGA Boulevard) bridge, the SR 7 at C-51 Bridge, and the Bobby Jones Expressway, Augusta, GA.

- ✓ **Roadways and Associate Facilities**
  WRMA is FDOT-prequalified for minor roadway design and has designed many road realignment and resurfacing projects including bridge/culvert road approaches for hydraulic structural design. WRMA performed the Town of Lake Park 10th Street Corridor Roadway and drainage conceptual improvements.

- ✓ **Site Development Plans, Sidewalks, Parking Lots, Fountains**
  WRMA is experienced with site planning of municipal and privately-owned facilities including government building sites, parking lots, recreational facilities, and commercial/industrial facilities. Past projects include site planning for the 7J/Poma Drive commercial storage facility in Palm City, the USTORE facility in Stuart, FL, and the conceptual design of a TRiRail site in the Town of Lake Park. WRMA is currently implementing the Collier County Livingston Road Sidewalk Project including MOT, traffic design, and is applying a specialized retaining wall concept design to avoid light pole relocations.

- ✓ **Docks, Piers, Boardwalks, Shoreline Bulkheads, Boat Ramps**
  As part of our Climate Change/Coastal resiliency services, WRMA has acquired expertise in design and retrofit of coastal outfalls, seawalls, shoreline bulkheads and boat ramps. WRMA staff participated in the design/replacement of the City of West Palm Beach Currie Park boat ramp, and with rehabilitation assessment of the Town of Lake Park LWL seawall and bulkhead facilities. WRMA working with UESI also specializes in bulkhead & discharge outfall pipe assessment and rehabilitation using divers and ICPR4 H&H modeling to assess the projected SLR impacts of coastal facilities.

AVAILABILITY OF QUALIFIED PERSONNEL

Our proposed team staff and supporting resources identified in the organizational chart (**TAB B**) are immediately available to initiate work on this Town of Lake Park contract. WRMA professionals and technical support project staff have been selected from their respective firms because they have the adequate availability during the term of Agreement. While staff turnover is not anticipated, if project team staff turnover occurs, WRMA will provide notice to the Town as appropriate to make arrangements for a suitable replacement.

Both the WRMA project and assistant manager are located in Tequesta, FL within 15 miles of the Town Hall and will be available at a moment's notice to immediately interface with the Town staff for any required service authorization assignment meeting. Technical support staff provided by WIRX, JEBA, SEC, DE, and UESI and are located within 40 miles or less from Town Hall in nearby West Palm Beach, Ft. Pierce, Ft. Lauderdale, and Boca Raton, and will be readily accessible on short notice to attend any required Town project meeting. Additional content regarding team availability and scheduling is noted in **TAB E**.

QUALITY CONTROL SYSTEMS AND PROCEDURES

The WRMA Team makes a commitment to producing work products that are of consistently high quality, and that meet or exceed the expectations of Town of Lake Park for any assigned project. WRMA will accomplish this goal by the implementation of a rigorous **Quality Assurance Quality Control (QA/QC)** program. The purpose of QA/QC Plan is to facilitate the preparation of accurate and complete high quality drawings, specifications, calculations, and related documents furnished as part of the project's scope of work by establishing and implementing procedures, responsibilities, and relationships for members of the Project Team.

The Project Team (including subconsultants) has responsibility for the accuracy and completeness of the contract documents prepared for the project and shall check all materials accordingly.

Key elements of our quality control plan include:

- ✓ **Clear assignment of responsibilities** to all team members to ensure the right people will be available at the right time to review and comment on the project design and plans production;

- ✓ **Project reviews** to ensure that all critical issues are addressed in accordance with the City's expectations and to ensure the project design meets current standards, is appropriate for the project scope, and is cost effective for construction;

- ✓ **QC document tracking procedures** to allow for monitoring, review, and improvement of the Quality Control process. The QA/QC Manager assigned to the project will monitor the QC activities. Each Task Manager will be responsible for managing their applicable activities and providing quality control of the requested project support deliverable.

Our QA/QC program is based on identification of key components that are necessary to prepare a quality design product, including procedures, specifications, standards, and acceptance criteria. These components include:

- ✓ **Computations:** Calculations shall be checked for each project task. Attention shall be given to documenting design references, sketches, and notes. Procedures and guidelines for preparing, checking, and approving computations.

- ✓ **Drawings:** Work Print: A print made in the developmental stages of a drawing. If the drawing has significant changes/additions, a new work print is made at this point and the work print cycle is repeated. Check Print: A complete, detailed, and final print prior to binding. Per the designer's opinion, if the drawing is substantially complete, a check print is initiated.

- ✓ **Drawing Signature Procedures:** Preliminary Issue of Drawing: The drawing is identified PRELIMINARY ISSUE FOR REVIEW - NOT FOR CONSTRUCTION with the date noted. Final Issue of Drawing: Names are indicated for the staff that have worked on the design and performed the checking. Blocks should be signed, sealed, and dated.

- ✓ **Technical Reports:** Technical Memoranda shall include a listing of all appropriate Engineering Manuals, Palm Beach County, FDOT, FDEP, SFWMD Design Criteria Memoranda and related guidelines utilized in the development of the specific Technical Memorandum report. Drafts for the narratives, tables, and figures of the report should be reviewed for content correctness and conformance to quality standards before being delivered. Final report including Table of Contents, Executive Summary, Exhibits, Figures and Appendixes shall be signed, sealed, and dated.

PAST PERFORMANCE RECORDS

Green Infrastructure/Water Quality

Bostrom Park Underground Storage Filtration Chamber Green Infrastructure – Based Flood Relief & Water Quality Project. H&H ICPR4 Modeling of the Town of Lake Park shows significant flooding occurs at the Southern Outfall confluence within its northwest tributary at 6th Street along Bostrom Park (over 464 acres). The Southern Outfall is significantly impaired by lack of hydraulic capaTown. WRMA, as part of the Town's Stormwater Masterplan GI/LID-based 5-year drainage infrastructure improvement plan, is in the process of designing a bypass of the NW Southern Outfall tributaries peak flow into a farm of underground storage filtration chambers.

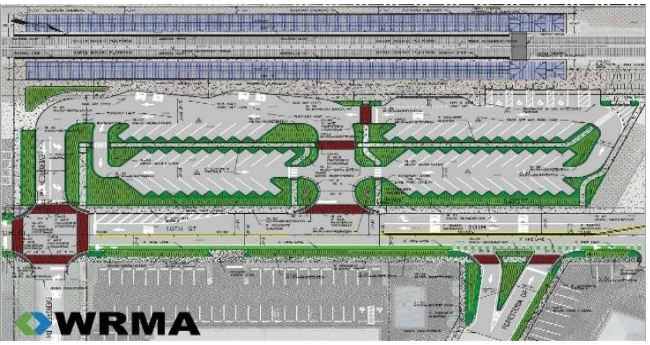
WRMA applied a progressive Town-wide Green Infrastructure/Climate Change Abatement based approach to the development of the SWMP. This included a proposed GI/LID-based Best Management Practice that offers a sustainable solution to significantly decrease the flooding occurring NE of Bostrom Park while also providing significant pollutant load reductions to the Lake Worth Lagoon via the Southern Outfall. The Southern Outfall discharges untreated runoff to the Lake Worth Lagoon, a 303d Impaired Waterbody, and the project is consistent with the Lake Worth Lagoon Management Plan goals to reduce nutrient and sediments pollutant loads threatening sea grass extinction. The GI/LID underground BMP also has the added

benefit of minimal disruption of the Bostrom Park surface athletic and recreational activities. WRMA developed detailed ICPR4 1 and 2D H&H models per the topographic & geotechnical surveys obtained for the project and prepared 30%, 60%, 90% and 100% design plans and cost estimates. A $2.5 million CDBG Rebuild Florida Mitigation General Infrastructure Program grant was applied for and was successful for 100% design plans and construction underway. WRMA applied the Infraworks visualization tool to develop project visualization renderings of the projects for grant funding purposes.

Client:	Town of Lake Park, FL, Public Works Department
Contact:	Roberto Travieso, Public Works Director
Phone/ Email::	(561) 881-3345, rtravieso@lakeparkflorida.gov
Fees:	Design: $244,055 / Construction: $2.58 Million (Estimated)
Completion:	100%

Green Infrastructure/Water Quality

10th Street South Green Infrastructure Water Quality. 10th Street is a Palm Tran traffic route and potential site of a TriRail Station. The 10th Street ROW with commercial land use along the west and residential along the east has no stormwater management drainage system. Flooding of the roadway and adjacent properties occurs frequently. The 10th Street South Green Infrastructure Water Quality Drainage Project is a pilot project for the programmatic implementation of GI/LID BMP's throughout the Town of Lake Park.

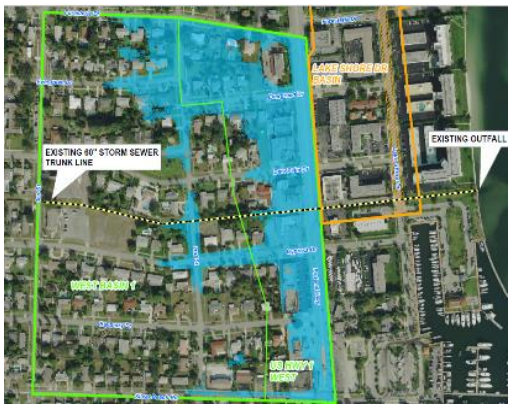


The entire stormwater management/drainage system proposed for the 10th Street Project is based on a water quality train approach of green infrastructure, pervious pavers and biodetention and bioswales overflowing to underground chambers. The 0.5-mile roadway corridor will be redesigned & utilities relocated to allow GI/LID Facilities and mobility (New Sidewalks, New Bike Lanes). The Green Infrastructure-based water quality drainage project is a scalable solution for the GI/LID implementation while at the same time addressing an existing drainage problem in the west (commercial/residential) area.

ICPR4 H&H model was used to size the GI/LID BMP's and the SIMPLE NPS water quality model for pollutant load reductions. SIMPLE water quality model simulations of GI/LID BMP's such as bioswales and bioretention show that the project will be very effective in reducing pollutant loads for Total Suspended Solids (TSS) pollutants load discharges to the LWLs in excess of 20%. This is a significant increase in effectiveness over current conventional dry and wet retention BMP's and will substantially enhance the long-term viability of the LWL seagrasses.

Client:	Town of Lake Park, FL, Public Works Department
Contact:	Roberto Travieso, Public Works Director
Phone/Email:	(561) 881-3345, rtravieso@lakeparkflorida.gov
Fees:	Design: $35,000 / Construction: $3.5 Million (Estimated)
Completion:	April 2019 (30%)

Climate Change - Sustainability/Sea Level Rise

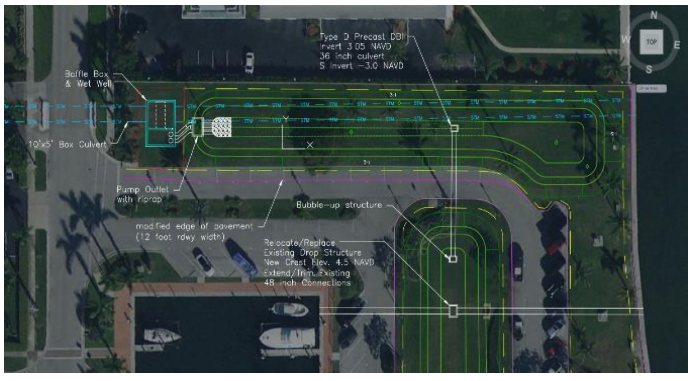


Lake Shore Drive Sea Level Rise-Based Pump Station Outfall Design and FEMA Flood Hazard Mitigation Grant Program (HMGP). The Lake Shore Drive Drainage Improvements project is located along the eastern boundary of the Town of Lake Park. The project was formulated to address recurring flooding of low-lying areas along the right-of-way of Lake Shore Drive. These historical flooding conditions have been exacerbated by the effects of climate change including Sea Level Rise (SLR).

The engineered project will establish a long-range level-of-service and significantly reduce the occurrence of flooding seen along the roadway and adjacent properties. It accomplishes this by improving drainage and addressing sea level rise as a result of storm surges, king tides and climate change. The project included a new drainage infrastructure, reconstruction of 3,250 linear feet Lakeshore Drive, a pump station, a dry detention/bioswale area for water quality, and in-line check valves to prevent backflow from the Intracoastal Waterway/Lake Worth Lagoon (LWL). A 22,500-gpm pump station was constructed to handle higher sea level conditions. An Engineer's Opinion of probable cost indicated a $5.6 million cost for the proposed water, sewer, stomwater and roadway improvements. The Town had budgeted $2 million for the project but finding itself $3.5 million short, decided to make up the difference via a FEMA Hazard Mitigation Grant Program (HMGP) grant. WRMA was tasked with assisting the Town with the preparation of the grant.

The relationship between the depth of flooding and the severity of damage to structures and their contents is an integral part of the HMGP/BCA methodology used to estimate the economic benefits associated with floodplain modifications. The initial FEMA HMGP Benefit Cost Analysis (BCA) worksheet and H&H modeling proved insufficient to achieve a BCA ratio of 1 or better to qualify the grant for the requested funding. The ICPR4 H&H model was used to perform hydrodynamic modeling for the 3-yr/24-hr, 10-yr,24-hr, 25-yr,3-day, 50-yr, 3-day, and 100-yr, 3-day storm events. When the model was applied with current tide levels at tail water conditions, only four (4) buildings with 122 condominium units were shown affected by coastal flooding. To enhance the grant's BCA ratio, the model was applied using a different TW condition based on the projected 36" SLR Climate based tide levels in the future (2060). FEMA allows incorporating Sea Level Rise (SLR) into Hazard Mitigation Assistance (HMA) Benefit Cost-Analysis. WRMA's alternative ICPR4-2 H&H modeling with forecasted 36" Sea Level Rise 2060 TW conditions, enhanced the B/C ratio for a proposed $3.5 million HMGP (the grant was awarded in June 2020).

Climate Change - Sustainability/Sea Level Rise.



72" Cap Southern Outfall Priority Rehabilitation Project. The current aging drainage infrastructure within the Town of Lake Park consists of several networks of gravity-fed stormsewer pipes and French drains servicing a drainage area of 928 acres. Approximately 50% of that drainage area, or 446 acres including a significant portion from N Federal Hwy (US-1, FDOT), is fed into a single interceptor pipeline. This pipeline "Southern Outfall Interceptor" ranges in size from 48 inches to 72 inches diameter, and discharges directly into the Lake Worth Lagoon (LWL). ICPR4-2D H&H modeling of the Southern Outfall 462 acres watershed conducted by WRMA indicates a significant lack of

capacity to discharge through the 72” CAP to the Lake Worth Lagoon. A recent condition assessment of the 72” CAP outfall also indicated major defects and the need for replacement. WRMA was tasked with the design for replacement of approximately 800 feet of the Southern Outfall between US Highway 1 and the Lake Worth Lagoon to provide flooding relief to many residential and commercial properties located immediately adjacent and upstream of the project site. The existing 72" CAP conduit was originally designed by WRMA to be replaced with a 10'x5" concrete box culvert that would match the capacity of the 10'x5" concrete box culvert under US Highway 1. A flap gate and Sea Level Rise pump station will be added at a later date.

The current condition of the 72” CAP outfall required that the field data acquisition and 30, 60, 90 and 100% design plans be expedited within an expedited schedule (8 months). WRMA’s responsibilities included the preparation of project information for public distribution and for a workshop held by the Town Commission to address the critical project and the assistance with a FEMA/HMGP grant application for construction of the project. This included the preparation of presentation slide decks for Local (Palm Beach County) Mitigation Strategy (LMS) for FEMA/HMGP project funding. The grant was awarded in 2022. The project was later modified (at 90%) by others to replace the existing 72” CAP with 2-60” RCP’s discharging to the Lake Worth Lagoon.

Client:	Town of Lake Park, FL, Public Works Department
Contact:	Roberto Travieso, Public Works Director
Phone/Email:	(561) 881-3345, rtravieso@lakeparkflorida.gov
Fees:	Design: $262,000/Construction: $4.5 Million (Estimated)
Completion:	April 2021 (90%)

FDOT PREQUALIFICATIONS

WRMA is a FDOT MBE/DBE certified firm and is prequalified in Hydraulic Design (A99). Prequalification for 2.0 Project Development (PD&E) Studies, 3.1 Minor Highway Design and 3.2 Major Highway Design are pending. WRMA Assistant Project Manager Michael Mercado, PE, is FDOT-certified for Maintenance of Traffic/Temporary Traffic Control (MOTTTC). WRMA Project Manager Raul Mercado, PE, is FDOT-certified for the preparation of Local Agency Program or “LAP” projects.

CLIENT REFERENCES

Reference No. 1

Client	St. Lucie County, FL
Contact Name	Gary Franklin, MBA, Project Manager, Water Quality Division
Contact Phone/Email	(772) 462-1192, FranklinG@stlucieco.org
Current Task	Actively performing design of Basin Management Plan (BMAP), NPDES, TMDL pollutant load reduction for the River Park Subdivision Nutrient Separating Baffle Box (NSBB) Project, and Capital Improvement Plan (CIP) stormwater and roadway drainage design, permitting and EOR services.

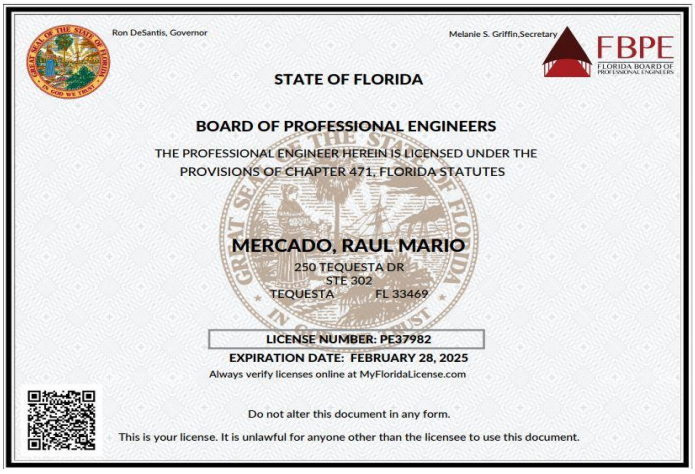
Reference No. 2

Client	Collier County, FL
Contact Name	Mark Zordan, Capital Stormwater Manager, Capital Project Planning
Contact Phone/Email	(239) 252-5606, Mark.Zordan@colliercountyfl.gov
Current Task	Currently performing design of the Goodlette-Frank Road Ditch canal bank stabilization project. The project scope requires that approximately two miles of the ditch's west side slope be reconstructed to include surface erosion protection and stabilization in the form of HydroTurf armoring. The scope also requires the replacement of four (4) undersized road culvert crossings, the design of a maintenance buffer and a buffer access area and a buffer separating architectural wall.

Reference No. 3

Client	Brevard County, FL
Contact Name	Carolina Alvarez, Project Manager, Natural Resources Dept., Stormwater Program
Contact Phone/Email	(321) 350-8405, Carolina.Alvarez@brevardfl.gov
Current Task	Currently performing design of two Green Infrastructure-based Basin Management Plan (BMAP), NPDES, TMDL Pollutant Load reduction base flow basin priority projects. The Flamingo Drive projects entails the installation of a water quality treatment train composed of a surface swale and underground storage filtration chamber system with a BioAbsorption Media (BAM) filter layer. The W Arlington Street project entails the retrofit of a low impoundment area into a dry detention with a Bio Absorption Media (BAM) filter layer for enhanced groundwater discharge water quality treatment.

CURRENT LICENSES, REGISTRATION, OR CERTIFICATES


Ron DeSantis, Governor

Melanie S. Griffin,Secretary

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STATE OF FLORIDA

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MERCADO, RAUL MARIO
250 TEQUESTA DR
STE 302
TEQUESTA FL 33469

LICENSE NUMBER: PE37982
EXPIRATION DATE: FEBRUARY 28, 2025
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QUALIFIED
STORMWATER MANAGEMENT
INSPECTOR

The undersigned hereby acknowledges that

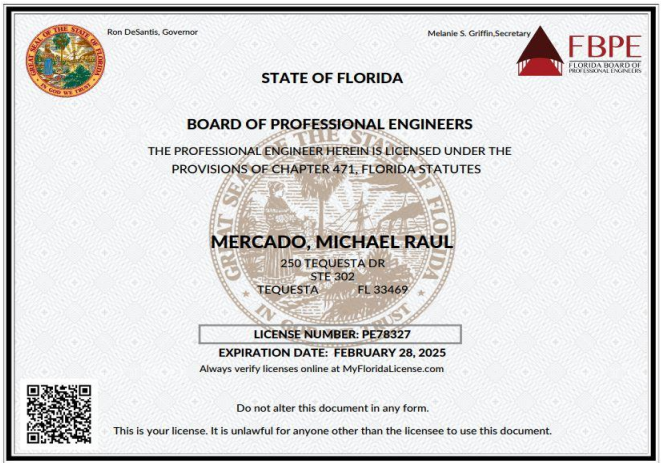
Raul Mercado

has successfully met all requirements necessary to be fully certified through the Florida Department of Environmental Protection Stormwater, Erosion, and Sedimentation Control Inspector Training Program

April 19, 2005
Inspector #9143
8 PDHs - CEP00110
8 CEUs Provider 004-0001229/Course 0002207

Marleina Overton
Marleina Overton

Karl Kurka



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Melanie S. Griffin,Secretary

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MERCADO, MICHAEL RAUL

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ASSOCIATION OF STATE
FLOODPLAIN MANAGERS, INC.
CERTIFICATION BOARD OF REGENTS

HEREBY CERTIFIES THAT PURSUANT TO THE PROVISIONS OF THE CHARTER FOR THE CERTIFIED FLOODPLAIN MANAGER PROGRAM

Michael Mercado, CFM

IS DULY REGISTERED AS AN

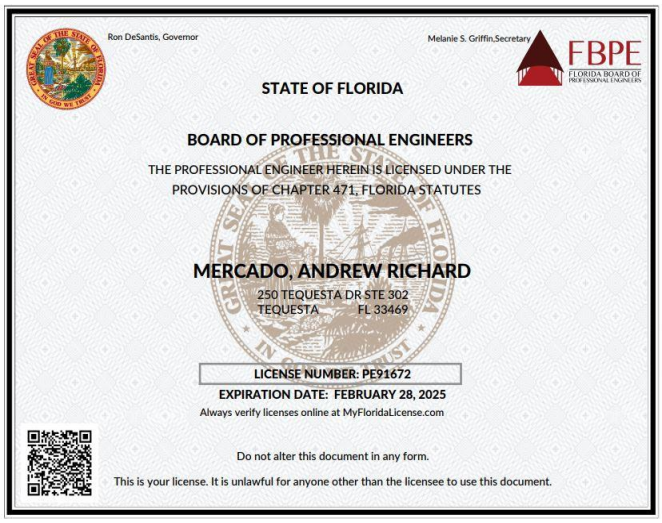
ASFPM CERTIFIED FLOODPLAIN MANAGER

IN TESTIMONY WHEREOF THIS CERTIFICATE HAS BEEN ISSUED BY THE AUTHORITY OF THE CERTIFICATION BOARD OF REGENTS, CERTIFICATE NO. US-23-19698, ISSUED 2/21/2023 THIS CERTIFICATE SHALL EXPIRE 2/21/2025, UNLESS RENEWED ACCORDING TO THE RULES OF THIS BOARD.

CERTIFICATION BOARD OF REGENTS
PRESIDENT, ROGER LINDSEY, P.E., CFM

ASSOCIATION OF STATE FLOODPLAIN MANAGERS
EXECUTIVE DIRECTOR, CHAD M. BERGINNIS, CFM

ASFPM CFM CERTIFIED



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MERCADO, ANDREW RICHARD

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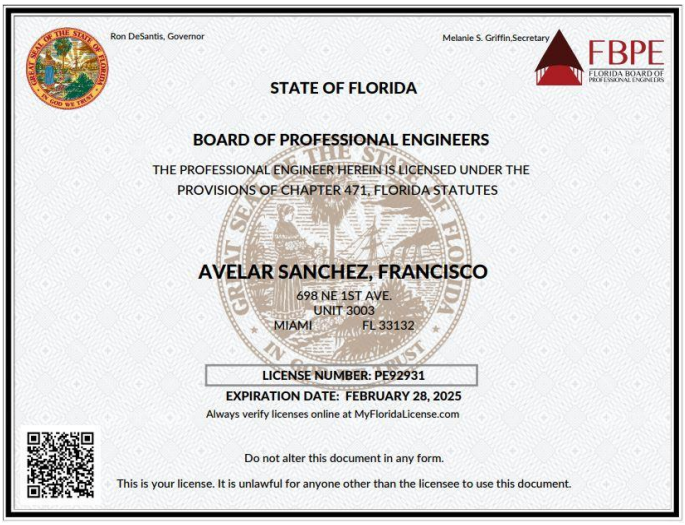

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AVELAR SANCHEZ, FRANCISCO

698 NE 1ST AVE.
UNIT 3003
MIAMI FL 33132

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EXPIRATION DATE: FEBRUARY 28, 2025

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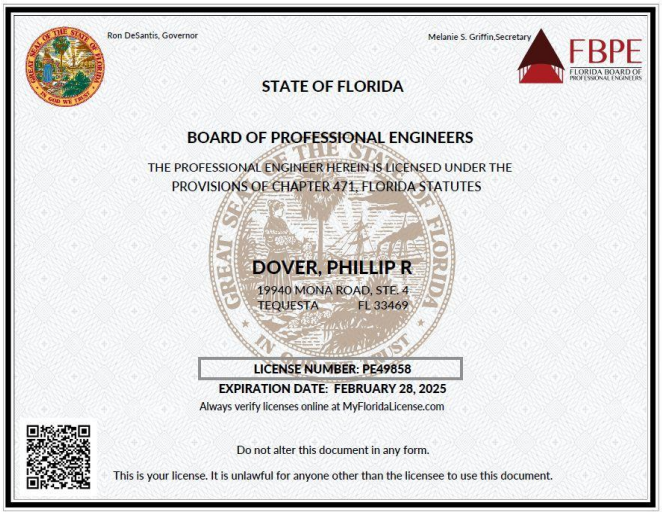

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DOVER, PHILLIP R

19940 MONA ROAD, STE. 4
TEQUESTA FL 33469

LICENSE NUMBER: PE49858

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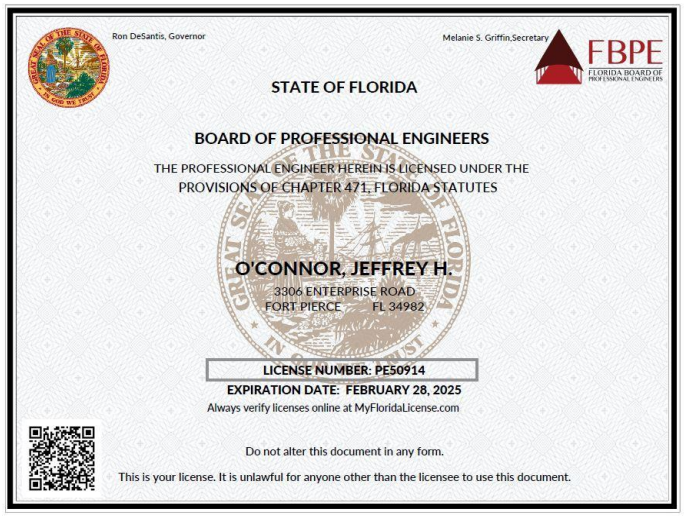

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O'CONNOR, JEFFREY H.

3306 ENTERPRISE ROAD
FORT PIERCE FL 34982

LICENSE NUMBER: PE50914

EXPIRATION DATE: FEBRUARY 28, 2025

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State of Florida
Department of State

I certify from the records of this office that WATER RESOURCES MANAGEMENT ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on May 23, 1997.

The document number of this corporation is P97000046040.

I further certify that said corporation has paid all fees due this office through December 31, 2023, that its most recent annual report/uniform business report was filed on May 22, 2023, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-second day of May, 2023

Secretary of State

Tracking Number: 9707127650CC

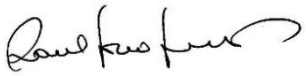
To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

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

CONFLICT OF INTEREST DISCLOSURE

I, Raul M Mercado, hereby do certify that no member of the ownership, management or staff of Water Resources Management Associates, Inc. (WRMA) has a vested interest in any aspect of the Town of Lake Park.

WRMA also affirms that no current or former Town of Lake Park employees will be employed to work on any assigned projects under this contract, without approval from the Town. In addition, WRMA has not engaged in, nor will engage in, any outside activities that are inconsistent, incompatible, or appear to conflict with our ability to exercise independent/objective judgment in the best interest of the Town of Lake Park.



President	October 17, 2023
---	---
Signature	**Title**	**Date**

TAB C

WRMA (Core Team)

The WRMA team offers a well-balanced multi-disciplinary team of professional staff who possess the depth and range of skills necessary for the prescribed scope of work. The WRMA members identified below have worked together in many projects and have developed a strong professional working relationship. Clear roles and responsibilities have been assigned to allow for a clear record of accountability, effective communication, and increased team efficiency.

WRMA TEAM MEMBERS			
NAME	**FIRM/LOCATION**	**DISCIPLINE**	**MANAGEMENT ROLE / SPECIALTIES**
Raul Mercado, PE, CFM (Core Team Member Resume Provided)	**WRMA** **Tequesta, FL**	**Project Management** **Stormwater Management** **Water Resources Engineering**	**Lead WRMA Team Project Manager** **Task Manager for Hydraulic Modeling** ▪ Pump Station Hydraulic Design ▪ FEMA BCA Cost Analysis H&H Analysis ▪ Canal / Levee Bank Stabilization Design
Michael R. Mercado, PE (Core Team Member Resume Provided)	**WRMA** **Tequesta, FL**	**Civil Engineering** **Channel Stabilization** **CADD & Specifications** **Stormwater Management**	**Assistant WRMA Team Project Manager** **Task Manager for Civil & Hydraulic Design** ▪ Civil/Roadway Design ▪ Grading and Earthwork Design ▪ HEC-RAS Modeling
Francisco Avelar, PE (Core Team Member Resume Provided)	**WRMA** **Miami, FL**	**Transportation Engineering & Roadway Corridor Access and Safety Improvements**	**Task Manager for Roadway Improvements** ▪ Roadway Design and Corridors ▪ Right of Way and Utilities
Andrew Mercado, PE, CFM (Core Team Member Resume Provided)	**WRMA** **Tequesta, FL**	**Hydrology & Hydraulics** **Watershed Modeling** **Floodplain Delineation**	**Task Manager for Hydraulic Modeling** ▪ XPSWMM / ICPR4-2D / HEC-RAS ▪ Roadway Drainage Design
John Leslie, MS	**WRMA** **Vero Beach, FL**	**Environmental Permitting** **Oceanography**	**Task Manager for Environmental Permitting** ▪ ACOE/SFWMD/FDEP Permitting ▪ Oceanography and Coastal Assessments
Javier Bidot, PSM	**JEBA** **Boca Raton, FL**	**Surveying, SUE**	**Task Manager for Surveying & SUE** ▪ Topographic, Boundary Survey ▪ Hydrographic Survey
Andrew Nixon, PE	**WIRX** **Ft. Lauderdale FL**	**Geotechnical Engineering and Materials Testing**	**Task Managers Geotechnical Engineering** ▪ Slope Stability Analysis Testing ▪ SPT Borings and Soils Sampling
Phil Dover, PE	**DOVER** **Tequesta, FL**	**Mechanical Engineering** **Civil Utility Engineering**	▪ Pump Station Design (Mechanical) ▪ Water/Sewer Utility Conflicts
Larry Smith, PE	**SEC** **WPB, FL**	**Electrical Engineering**	▪ Pump Station Design (Electrical) ▪ SCADA/Telemetry
Jeffrey O'Conner, PE	**UESI** **Fort Pierce, FL**	**Underwater Inspections**	▪ Stormwater Outfall Condition Assessment

Raul Mercado, currently performing as Project Contract Manager for the Town of Lake Park, brings more than 38 years of experience in participating and managing major and complex water resource programs. Mr. Mercado's experience includes project managing a SFWMD Comprehensive Everglades Restoration Plan (CERP) H&H modeling, and a SFWMD General Engineering Professional Services (GEPS) contract for Works of the District projects, including the application of H&H models to optimize pump stations and STA design, identify and map flooding, quantify seepage and groundwater in canal systems, and implement ecosystem restoration and flood control/water supply plans.

Michael Mercado, currently performing as Chief Design Engineer for Town projects is a licensed Professional Engineer in the state of Florida and Maryland. Mr. Mercado has several years of experience working on large capital sewer infrastructure projects including design of heavy civil structures including sewer diversions, pipelines, and tunnels as part of the DC Water combined sewer system of tunnels. In addition, Mr. Mercado has designed and incorporated Green Infrastructure BMP's and LID into pump station and water facilities capital projects.

Francisco Avelar is WRMA's Senior Roadway Design and Inspection Engineer. He has participated in many complex transportation projects, including the Tamiami Trail Modifications for the provision of pre-design, schematic design, and for the reconstruction of 6.7 miles of the remaining eastern Tamiami Trail roadway. This included the integration of proposed construction with Phase 1 improvements, CERP, CEPP, MWD, and existing environmental compliance documents, 6.5 miles of roadway reconstruction, replacement of 6 culverts with 72 ft. wide pre-cast concrete culvert assemblies, replacement of 12 smaller culverts with in-kind culverts, and the construction of swales for roadway water quality treatment.

Andrew Mercado, WRMA's Director of H&H Modeling, is a Certified Floodplain Manager and is responsible for design of stormwater management systems, ICPR4 and XPSWMM H&H modeling calculations for watershed modeling, bridge hydraulics, design of erosion and sediment control plans and floodplain management. He has performed spread analysis and storm sewer systems design for FDOT, including hydraulic design, floodplain impact analysis, roadside ditch design and production of drainage reports. He is experienced with SFWMD ERP permitting requirements for drainage projects.

Javier Bidot (JEBA) has over twenty years of Federal Government survey work at different levels. He has served as Project Manager and Principal-in-Charge of various IDIQ Federal Contracts for USACE, US-DOJ, NRCS, USFW, and NOAA.

Larry Smith (SEC) has over 28 years of experience in providing electrical and mechanical engineering services throughout South Florida.

Phil Dover (DE) has over 30 years of experience with utility engineering studies including existing flood control, booster, and WWT lift pump stations with water/sewer utility relocation design.

Jeff O'Connor (UESI) has 32 years of experience in design, inspection, underwater inspection and management of highway and railway bridges, culverts, water control facilities, waterfront facilities and overhead sign structures.

Andrew Nixon (WIRX) has 18 years of experience including providing Environmental, Geotechnical and Construction Materials Testing Services for water resources infrastructure, utilities, water and wastewater treatment plants, pump stations, bridges, piers, stormwater treatment areas, canal improvements, reservoirs and dams, roadways, etc.

The team has performed and/or is performing the following joint projects:

- ***Town of Lake Park Southern Outfall 72" CAP Outfall Replacement:*** Raul Mercado, Michael Mercado, Andrew Mercado, Javier Bidot, Jeff O'Connor
- ***Town of Lake Park Second Street Bioswales:*** Raul Mercado, Michael Mercado, Andrew Mercado, Javier Bidot
- ***Town of Lake Park Bostrom Park Underground GI Facility:*** Raul Mercado, Michael Mercado, Andrew Mercado, Javier Bidot, Larry Smith
- **St. Lucie County River Park Baffle Boxes**: Raul Mercado, Michael Mercado, Andrew Mercado, Javier Bidot, Jeff O'Connor
- **Martin County Hoog Slough Stormwater Treatment Area (STA):** Raul Mercado, Michael Mercado, Andrew Mercado, Andrew Nixon
- **Collier County Naples Goodlette -Frank Road Ditch Supplemental Outfall:** Raul Mercado, Michael Mercado, Andrew Mercado, Larry Smith

Raul Mercado, PE, CFM

Director of Civil and Water Resources Engineering

Raul Mercado, PE, CFM, has served as project manager on hundreds of civil engineering, water resources and stormwater management projects throughout South Florida, and has directed and provided design, and construction oversight of complex civil engineering projects for District, County and City Capital Improvement Programs (CIPs), and for state and federally funded projects. Raul is experienced in project management, civil engineering design, Hydrologic & Hydraulic watershed modeling and design of stormwater management systems facilities including ponds, lakes, reservoirs, pumps, culvert, gate, weirs, sanitary and storm sewer systems. Raul is also experienced in FEMA-based flood-plain H&H modeling, inundation mapping, as well as levee and structure inspection.

Years of Experience: 38

Education:

- 1981, Master's Degree Fellowship, Civil Engineering University of Maryland
- BS, 1978, Civil Engineering, University of Maryland

Professional Registrations/Affiliations:

- Professional Engineer, Florida (Civil), No. 37982
- Certified Floodplain Manager, No. US-11-06170
- FDEP Certified Stormwater Inspector, No. 9143

Specialized Training & Software:

- HEC-HMS, HEC-RAS, ArcGIS, ICPR4-2D, RSM, InfoWorks

Goodlette-Frank Road Ditch Bank Stabilization Project. Project Manager, 2019-Ongoing. The project scope requires that approximately two miles of the ditch's west side slope be reconstructed to include surface erosion protection, secondary reinforcement and compaction preventing surficial sloughing. Mobile LiDAR topographic data was acquired to develop a detailed and accurate Digital Model (DEM) of the ditch conveyance channel for use in the XPSWMM 1 and 2D H&H model to perform existing and proposed condition analysis of the 25 and 100-year peak hydraulic discharge and flood stages. WRMA reviewed and compared state-of-the-art ditch armoring alternatives, performed soil slope stability testing, and recommended the use of HydruTurf Z erosion control material. A buffer with border architectural wall feature was designed to address edge delineation and access for continuous maintenance access/inspection area along the west side overbank area. Four concrete box culverts and headwalls were designed to replace existing undersized culverts and a traffic light pole relocation design was performed for the new ditch alignment.

J W. Corbett WMA -Rehabilitation Design of the S-4 control structure at the JW Corbett WMA. Project Manager, 2018-2019. Principal Engineer managing survey, retrofit design and CEI to address Unregulated Discharges to the O&M Canal due to control structure disrepair and siltation. Assessed the H&H Sheet2D model results (Tomasello, 2016) for the JW Corbett WMA and performed design modifications of the double gated S-4 CS to achieve the required WMA wetland vegetation hydroperiod targets.

Loxahatchee Slough H&H Modeling. Project Manager, 2014-2015. Mr. Mercado performed (on behalf of WGI Prime) 1 and 2D H&H modeling of the Loxahatchee Slough to assess the impact of the proposed SR 786 bridge replacement (from SR710 to C-18 Canal) in coordination with FDOT District 4, Palm Beach County ERM, SFWMD, FDEP/Loxahatchee River Restoration Working Group).

Kitching Creek Water Quality Improvements & Wetland Restoration Project, Project Manager, 1998-2000 & 2005-2006.
Raul Mercado, PE, CFM managed and participated in a study to develop a plan to improve water quality of flows entering into JDSP and the NW Fork Loxahatchee River including re-hydration of disturbed wetlands, establishment and implementation of STA's and water quality BMP's plans, and provision for adequate flood protection for local residential and commercial properties. Projects included data gathering, development and calibration of XPSWMM H&H, MODFLOW-3D groundwater, preparation of watershed management plan, and detailed modeling and design of recommended alternative plans, permit application, survey, specifications, cost estimate, hydraulic report, design/construction plans and project management. The SWAT water quality model was applied to calculate nutrient pollutant loads to Kitching Creek.

Brevard County Denitrification Projects, 2022. Design Engineer. Provided design services for the design of denitrification facilities involving the use of Biosorption Activated Media (BAM) for removal of nitrogen and phosphorus from urban stormwater runoff. This project was funded by FDEP and implemented in 2022.

S-4 Control Structure Maintenance and Repair, FWC, 2019. Design Engineer. Civil engineering and permitting for the Florida Fish and Wildlife Conservation Commission for the repair and retrofitting of water control structures on the M-O Canal in Western Palm Beach County. Designed a triple-tiered sediment trap.

Michael R. Mercado, PE

Civil Engineering Design Production Lead

Michael R. Mercado, PE specializes in hydraulic engineering for stormwater management and water resource systems. Michael has significant project experience in the hydraulic design of culverts and bridges including large diameter culvert and rectangular and arched box type culverts. Mr. Mercado is certified by the Federal Highway Administration (FHWA) in the HEC River Analysis System Modeling program (HEC-RAS) and is experienced in the hydraulic analysis of streams and bridges. Mr. Mercado is also a Florida FDEP certified Stormwater Inspector Program and holds numerous certifications in sewer pipeline (PACP), manhole (MACP) and lateral (LACP) condition assessment from the National Association of Sewer Service Companies (NASSCO).

Goodlette-Frank Road Ditch Bank Stabilization Project. Principal Design Engineer, 2019-Ongoing. The project scope requires that approximately two miles of the ditch's west side slope be reconstructed to include surface erosion protection, secondary reinforcement and compaction preventing surficial sloughing. Mobile LiDAR topographic data was acquired to develop a very detailed and accurate Digital Model (DEM) of the ditch conveyance channel for use in the XPSWMM 1 and 2D H&H model to perform existing and proposed condition analysis of the 25 and 100-year peak hydraulic discharge and flood stages. WRMA reviewed and compared state-of-the-art ditch armoring alternatives, performed soil slope stability testing, and recommended the use of HydroTurf Z erosion control material. A buffer with border architectural wall feature was designed to address edge delineation and access for continuous maintenance access/inspection area along the west side overbank area. Four concrete box culverts and headwalls were designed to replace existing undersized culverts and a traffic light pole relocation design was performed for the new ditch alignment.

Years of Experience: **13**

Education:

- M.E., 2014, Civil and Environmental Engineering, University of Maryland
  B.S., 2009, Civil Engineering, University of Florida

Professional Registrations/Affiliations:

- Professional Engineer, Florida (Civil) No. 78327
- FDEP Certified Stormwater Inspector No. 32930
- Certified NASSCO Sewer and Manhole Inspector

Professional History:

2015 – Present	Principal Design Engineer – WRMA, Inc., Tequesta, FL
2010 – 2015	Design Engineer – Greeley and Hansen, LLC, Washington, DC
2009 – 2010	Field Inspector – WRMA, Inc., Tequesta, FL

Specialized Training & Software:

- FLO2DH, HEC-HMS, HEC-RAS, ARCGIS, ICPR4-2D, Autodesk Civil 3D, Infraworks

10th St. Corridor Green Infrastructure-Based Drainage and Roadway Restoration Project, Town of Lake Park, 2019. Design Engineer. Design a 0.5-mile corridor completely based on Green Infrastructure/Low Impact Development (LID) concepts. The design provides for milling and repaving, and GI facilities including bio-swales, bio-detention combined with underground storage chambers. WRMA has prepared 30, 60 and 90% plans, 100% plans are pending, an Engineers Opinion of Probable Cost, and a HUD Mitigation/CDBG application for grant funding.

Lake Park Tri-Rail Station Site Plan and Civil Design, 2019. Design Engineer. WRMA was selected to develop a site grading and drainage plan for a proposed Tri-Rail train station on Dixie Highway in Lake Park using Low Impact Development concepts. WRMA provided Civil Engineering Design and Parking Lot layout for the station and amenities, while incorporating GI and LID design concepts for water quality treatment.

S-4 Control Structure Maintenance and Repair, FWC, 2019. Design Engineer. Civil engineering and permitting for the Florida Fish and Wildlife Conservation Commission for the repair and retrofitting of water control structures on the M-O Canal in Western Palm Beach County. Designed a triple-tiered sediment trap.

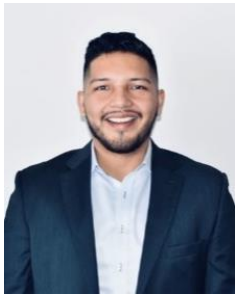
Town of Lake Park, 20-Year Stormwater Masterplan and NPDES Permitting, 2019. Design Engineer. WRMA is applying a progressive Town-wide Green Infrastructure/Climate Change Abatement-based approach to the development of the 20 Year SWMP. WRMA is also responsible for the implementation of the Town's NPDES/MS4 water quality program and has assisted the Town with Hazard Mitigation Grant Program (HMGP) applications for Sea Level Rise projects.

Brevard County Denitrification Projects, 2022. Design Engineer. Provided design services for the design of denitrification facilities involving the use of Biosorption Activated Media (BAM) for removal of nitrogen and phosphorus from urban stormwater runoff. This project was funded by FDEP and implemented in 2022.

J W. Corbett WMA - Indian Trail Improvement District (ITID) M-O Canal Bank Stabilization Design, 2019. Design Engineer. Provided design services for canal stabilization design and implementation for 500 feet of the M-O canal.

Francisco A. Avelar, PE, LEED

Roadway and Transportation Engineer



Francisco is a Highway engineer with transportation engineering, project management and structural analysis experience. He has been involved in multiple projects for the Florida Department of Transportation (FDOT) District 4 and District 6. Francisco has also worked for Broward and Monroe Country through their Continuing Services Contacts. His Transportation experience can be highlighted by his participation in major highway reconstruction projects like the Palmetto Capacity Improvements Project and the Tamiami Trail Phase 2 Design Build Contracts. He has vast experience working in multi-disciplinary projects that require high-level coordination and aggressive schedules. His computer skills include MicroStation, Civil 3D, Geopak, Corridor Modeling and OpenRoads Designer.

Years of Experience: 6

Education:

- B.S., 2017, Civil and Environmental Engineering, University of New Orleans

Professional Registrations/Affiliations:

- Professional Engineer, FL No. 92931
- Envision Sustainability Professional No. 25892
- LEED Green Associate No. 11461400

Professional History:

2023 – Present	Design Engineer – WRMA, Inc., Miami, FL
2018 – 2023	Project Engineer – HDR Inc., Miami, FL
2018	Civil Engineer – Dashiell Corporation, Austin, TX
2017	Assistant Project Manager – Hernandez Consulting & Construction, New Orleans, LA

FDOT District 4 In-House Design Support, Broward County, FL. Roadway Engineer. Francisco was assigned to Design Section 3 in which he was part of the team working in the Pilot Project SR A1A South Ocean Blvd from South Grand Ct. to South of Linton Blvd. He was in charge of preparing the 3D Model using OpenRoads Designer which would be used as the main construction deliverable. The roadway improvements consisted of pavement resurfacing with minor widening.

Atlantic Blvd Corridor Study, Broward County, Broward County, FL. Roadway Engineer. Francisco was the task lead for the design team in charge of developing corridor improvement for the next 40 years. He had to coordinate with the different departments from Broward County to identify future project timelines as well as with the Traffic team. He had to coordinate with the Roadway Team in developing different alternatives for the different improvements along the corridor.

SR 826/Palmetto Expressway Capacity Improvements Project from South of NW 36th Street to North of NW 154th Street, Miami-Dade County, FL. Roadway Engineer. Fransico was part of the team that developed the RFP for Phase 2 of the proposed improvements to SR 826/Palmetto Expressway. He contributed with typical section packages, roadway plans, RFP language preparation and major roadway design elements. The proposed improvements relocate the existing ingress from south of NW 154th Street to NW 103rd Street and widening along multiple interchanges.

Design Services for SR 710/Beeline Highway from Northlake Boulevard to Blue Heron Boulevard, FDOT District 4, Palm Beach County, FL. Roadway Engineer. The roadway capacity improvements consist of widening/reconstruction of SR 710 from Northlake Boulevard to SR 708/ Blue Heron Boulevard, expanding from a four-lane rural divided highway to a six-lane urban divided facility. In addition to the Mainline improvements, a partial continuous flow intersection with a median U-turn will be implemented at the Northlake Boulevard and SR 710 crossing. Other improvements include Turnpike Mainline 6-lane to 10-lane widening, drainage improvements, signing and pavement markings, lighting along SR 710 and SR 91/Florida's Turnpike, construction of a new bridge on SR 91/Florida's Turnpike over SR 710, and new signal mast arm at Northlake Boulevard/Connector Road, Jog Road, Haverhill Road, and SR 708/Blue Heron Boulevard. Francisco was the roadway task lead for a portion of the design phase. Francisco was in charge of coordinating with different disciplines, clients and other consultants. He assisted in plans production and 3D modeling.

Andrew Mercado, PE, CFM

Civil Roadway and Drainage Design Engineer

Andrew Mercado has more than five years of experience in transportation, civil, and water resouces engineering. He specializes in hydrologic and hydraulic (H&H) modeling of stormwater and sanitary collection systems, as well as sanitary systems. Andrew is one of the firm's principal design engineers within 3D CADD environments such as Bentley Microstation environment and AutoCAD Civil 3D.

Years of Experience: 7

Education:

- B.S., 2015, Civil Engineering, University of Central Florida

Professional Registrations/Affiliations:

- Professional Engineer, Florida (Civil) No. 91672
- Certified Floodplain Manager No. US-18-10475

Professional History:

2015 – Present	Associate Engineer – WRMA, Inc., Tequesta, FL
2017 – 2020	Staff Engineer – Dewberry, New York City, NY
2015 – 2017	Project Engineer – Wantman Group, Inc., Orlando, FL
2014 – 2015	CADD Technician – Wantman Group, Inc., Orlando, FL

Specialized Training & Software:

- MicroStation, AutoCAD Civil 3D, Autodesk Infraworks, ARCGIS, HEC-HMS, HEC-RAS, ICPR4-2D, Infoworks ICM, MIKE, ASAD

Goodlette-Frank Road Ditch Bank Stabilization Project. H&H Modeling Lead Engineer, 2019-Ongoing (Urbanized Neighborhood Stormwater, Stormwater Modeling, Infrastructure Design). The project scope requires that approximately two miles of the ditch's west side slope be reconstructed to include surface erosion protection, secondary reinforcement and compaction preventing surficial sloughing. Mobile LiDAR topographic data was acquired to develop a very detailed and accurate Digital Model (DEM) of the ditch conveyance channel for use in the XPSWMM 1 and 2D H&H model to perform existing and proposed condition analysis of the 25 and 100-year peak hydraulic discharge and flood stages. WRMA reviewed and compared state-of-the-art ditch armoring alternatives, performed soil slope stability testing, and recommended the use of HydroTurf Z erosion control material. A buffer with border architectural wall feature was designed to address edge delineation and access for continuous maintenance access/inspection area along the west side overbank area. Four concrete box culverts and headwalls were designed to replace existing undersized culverts and a traffic light pole relocation design was performed for the new ditch alignment.

Southern Outfall Replacement & Improvements, Town of Lake Park, 2021. Design Engineer. WRMA was selected by the Town for the emergency replacement of the 72-inch outfall located at the Lake Park Marina. This outfall receives runoff flows from more than 50% of the Town's sewershed and carries all runoff from US-1 within the Town limits. This on-going project is intended to replace the deteriorating existing pipe and to provide drainage improvements including pre-treatment of discharges to the Lake Worth Lagoon.

10th Street Corridor Green Infrastructure-Based Drainage and Roadway Restoration Project, Town of Lake Park, 2019. Roadway Engineer. WRMA was selected by the Town for the restoration of a 0.5-mile corridor for milling and repaving, and GI facilities including bio-swales, bio-detention combined with underground storage chambers. Andrew prepared 30, 60 and 90% plans.

Bostrom Park GI/LID facilities, Town of Lake Park, 2020-2021. WRMA was selected to develop a 3-acre underground storage filtration facility to assist with detention and treatment of runoff from the upstream Southern Outfall 500-acre watershed. Andrew performed detailed ICPR4-1 and 2 H&H modeling of the Southern Outfall watershed and hydraulic design of StormTech Chambers.

Brevard County Flamingo Drive Basin Management Plan (BMAP) Denitrification Project, 2021-2022. Performed ICPR4 H&H modeling of the Flamingo Drive basin and BMP Trains pollutant load reduction calculations to size a hybrid surface dry swale and underground storage filtration chamber trench with Bioactivated Media (BAM) layer.

Homestead Extension of FDOT/Florida's Turnpike (HEFT), Bird Road to SR 836, DB, 2016. Roadway Engineer. Provided spread calculations as well hydraulic calculations for the stormsewer design. Other responsibilities included roadside ditch design, floodplain impact calculations, and all associated plans production.

TAB D

Office Proximity

Project delivery and management will take place by optimizing staff time and firm locations. Overall project management will be performed by Raul Mercado, PE, CFM, and will take place from WRMA's primary office in Tequesta, Palm Beach County, FL within 15 miles of the Town of Lake Park Public Works Department and Town Hall. The table below details the sub-consultants for this RFP and their office locations.

SUBCONSULTANT NAME	OFFICE ADDRESS	DISTANCE FROM TOWN OF LAKE PARK
WIRX Engineering (Geotechnical)	515 E Las Olas Boulevard, Suite 120 Fort Lauderdale, FL 33301	47 miles
Javier Bidot & Associates (Surveying)	2385 NW Executive Center Dr. #100 Boca Raton, FL 33431	32 Miles
Smith Engineering (Electrical)	2161 Palm Beach Lakes Blvd # 312 West Palm Beach, FL 33409	8 miles
Dover Engineering (Mechanical Engineering, Utilities)	19940 Mona Road Tequesta, FL 33469	15 miles
Underwater Engineering Services, Inc. (Underwater & Stormsewer Condition Assessment)	3306 Enterprise Road Fort Pierce, FL 34982	44 miles

Management Methodology and Approach

Delivering high-quality and cost-effective project results begins my assembling a team of qualified professionals who maintain the experience necessary to complete an assigned scope of work. In structuring the organization, technical expertise was combined with effective Project Management and Quality Control to complement Town of Lake Park's own organization.

Key features of this organizational structure are:

Minimize Client Management Effort – WRMA will function as an extension of Town staff to advance projects toward completion. To minimize supervision, the WRMA has assembled a team of experienced staff to perform the duties required of the project. WRMA also has the resources available to quickly mobilize the appropriate personnel for any unexpected or unusual design considerations.

Maintain the Project Schedule – For everyone involved, performance is based on meeting the schedule. WRMA is committed to meeting the required milestones and ensuring our subconsultants follow the established task schedule.

Coordination and Reporting – WRMA will be required to communicate and coordinate with all participants on the project team and the Town 's Project Manager. A communication plan is outlined for reporting efficiency.

Clear, Concise Progress Monitoring – Updates provided prior to production meetings will keep the Town 's Project Manager informed and up to date. This will eliminate the need to monitor the consultants' day-to-day activities and will provide early warning of potential risks to the project milestones.

Assembling an Effective Project Team – The preceding issues cannot be adequately addressed without an Effective Project Team. WRMA has assembled a team of competent, experienced professionals who will provide the required expertise for this project. The working relationships already established will prove beneficial to the project goals.

The project management approach to be applied for this Town of Lake Park contract will be based on the following factors:

- ✓ **A single point of contact/accountability to the Town**
- ✓ **Cost and schedule control & Meeting Budgets**
- ✓ **Meeting Client Expectations**
- ✓ **Meeting Project Deadlines**
- ✓ **Meeting Product/Service Specifications**

Communication Plan

Communication in a multi-firm project team is the single most principal element in any project management scheme and will be incorporated into all aspects of WRMA's project management plan for this Town contract. The organizational structure of the project team provides direct lines of communication and responsibility with the project manager acting as the primary client liaison. WRMA's assigned Project Manager, **Raul Mercado, PE, CFM,** has more than 38 years of engineering experience and a proven record of performing and managing Capital Improvement Program (CIP) projects for local municipalities and for water management programs. **Michael Mercado, PE, Assistant Project Manager**, will assist the project manager in the day-to-day execution of the contract assigned Tasks and ensure communication between the WRMA team and the Town remains uninterrupted in the event the lead project manager is unavailable.

The WRMA Project Manager will contact the Town Project management staff (in person, by email or phone) and will provide a monthly summary status report documenting the project progress. The WRMA's Team Project Manager will develop a summary report form that is suitable to meet the needs of the Town PM and shall include copies of all correspondence, supporting documents, and draft reports as appropriate as attachments for progress illustration. *Regular progress meetings* involving the Town 's representatives and key WRMA project team members will also take place to assist the project team in making decisions and obtaining timely client approvals on project deliverables and policy decisions.

Organizational Structure for Quality Control

The organizational structure applied below will provide transparency and accountability for the scope of work.

WRMA PROJECT MANAGEMENT ORGANIZATIONAL STRUCTURE		
NAME	**FIRM**	**TASK MANAGER OR DISCIPLINE MANAGER ROLE**
Raul Mercado, PE, CFM	WRMA	Contract and Overall Project Manager
Michael Mercado, PE	WRMA	Assistant Project/Contract Manager.
Michael Mercado, PE	WRMA	Stormwater Infrastructure Civil Engineering Design
Andrew Mercado, PE, CFM	WRMA	H&H Modeling
Francisco Avelar, PE	WRMA	Roadway Design/Roadway Drainage
John Leslie, MS	WRMA	Environmental & Regulatory Permitting
Andrew Nixon, PE	WIRX	Geotechnical Engineering Task Manager
Javier Bidot, PSM	JSA	Surveying Task Manager
Jeff O'Connor, PE	UESI	Outfall/Stormsewer Condition Assessment
Phil Dover, PE	DE	Mechanical Engineering & Utilities
Larry Smith, PE	SEC	Electrical Engineering

TAB E

Resource Utilization

WRMA Florida staff is comprised of four senior engineers, two associate engineers, one biologist, one CAD technician, one grant writer and two inspectors. Our subconsultants will make available the following personnel:

SUB-CONSULTANT	RESOURCE ALLOCATION
WIRX (Geotechnical):	2 Professional Geotechnical Engineers (& rigs as required)
JEBA (Surveying):	2 Professional Surveyors & mappers (& Crews as required)
SEC (Electrical):	2 Professional Electrical Engineers
DE (Mechanical/Civil Utilities):	1 Professional Civil Engineer
UESI (Condition Assessment):	1 Professional Civil Engineer

Projecting Workload

Ongoing success is based on the goal to meet or exceed Clients' expectations for on-time and on-budget projects. Thorough project planning, accurate assignment of resources, consistent progress reporting and responsive action plans help to mitigate budget and timeline risks.

WRMA, currently provides engineering services to municipal City, Towns and Counties to fulfil the needs of civil, environmental and water resources continuing contracts. WRMA staff have access to a web-based time sheet management tool and fill out a weekly schedule for the ongoing projects.

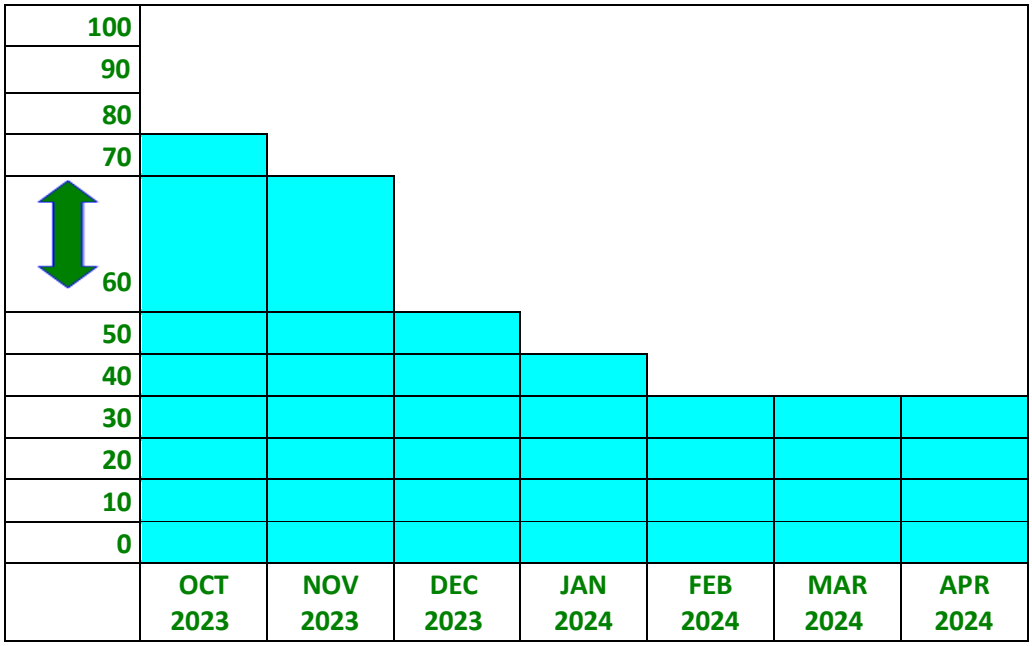
To ensure staff availability, WRMA projects the workload for each professional associate and designates backup staff should emergencies develop during project implementation. There is a weekly internal Project Manager meeting to review the weekly schedules and resolve any scheduling or technical issues. The assigned team task managers meet with their respective groups to discuss workload issues and report to the overall Project Manager. Weekly project meetings are held to review schedules and resolve technical issues.

WRMA currently holds continuing Civil, Environmental and Water Resources Engineering Continuing Contracts with the following municipalities:

- Town of Lake Park, FL (2018-2023) – Ongoing Bostrom Park & Second Street Bioswales, Vulnerability Plan Update, and NPDES Task Orders
- Indian River County, FL (2018-2023) – Minor tasks assignments
- Collier County, FL (2021-2023) – Goodlette-Frank Road Ditch Bank Stabilization Project, Livingston Road Sidewalk Design
- City of Tallahassee, FL (2019-2024) – Minor tasks assignments
- Brevard County, FL (2019-2024) – FDEP/BMAP/TMDL Priority Base Flow Basin projects, Flamingo Drive GI-based Hybrid Swale/underground chamber, and W Arlington St Dry Detention with BAM projects
- St. Lucie County, FL (2020-2025) – Beach access Roadway entrance and culvert replacement CIP projects, River Park Subdivision BMAP/TMDL Baffle Boxes project

Key Personnel's Recent, Current And Projected Workloads

WRMA has diminishing commitments over the next few months as some of our continuing contracts are nearing Completion in the first quarter Of 2024. WRMA will be available to adequately staff this contract from the onset.



TAB F

Background

The Town of Lake Park, originally born as Kelsey City, was the first zoned municipality in Florida (1923). With an area of 2.5 square miles and a population of approximately 9,000 people, the Town of Lake Park is composed of residential areas on the Town's Eastern boundary and an industrial area to the West along 10th street and Dixie Highway. The Town's development started in earnest in the 1950's and by the 1980's was considered to be fully developed. The Lake Park Town Hall, constructed In 1927, is listed on the National Register of Historic Places. It survived the hurricane of 1928, during which it provided shelter to some of the town's residents.

Understanding of the Town's Government Process

The Town has an elected Mayor and Town Commissioners serving a three-year term. The current office holders are Mayor Roger Michaud, Vice Mayor Kimberly Glass-Castro, Commissioner John Linden, Commissioner Mary Beth Taylor, Commissioner Judith Thomas. The Lake Park Town Commission meets on the first and third Wednesdays and all meetings are open to the public. Water and sewer utilities are provided by Seacoast, and fire and police services by Palm Beach County. The Town provides waste management services. There is no hospital (critical facility) or landfills (potential contamination sites) within the Town.

Understanding of the Town's Engineering Technical Capabilities

The Town of Lake Park's Public Works Department does not include a dedicated Engineering Division. Instead, the Town relies on the provision of engineering services from AE firms selected for 5-year continuing contracts. *Task orders* are assigned under these contracts and deliverables are reviewed for completeness by the Public Works Director, the Capital Projects Manager, the Operations Manager, and others as assigned. Technical deliverable adequacy is the responsibility of the firm's individual preparing and certifying deliverables per professional engineering licensing requirements of the state of Florida. To this end, the assigned firm project manager and his staff becomes an extension of the Town of Lake Park Public Works Department for the successful completion of the task. The Public Works Department provides the following services: *Administration Division, Sanitation Division, Grounds Maintenance Division, Facilities Division,* Vehicle *Division,* Stormwater *Division.* The current Public Works Department leadership is comprised of: Roberto Travieso - Public Works Director, Dwayne Bell - Operations Manager, John Wille - Capital Projects Manager.

Understanding Town Development and the Capital Improvement Program

Town Development

There are approximately 1,116 total upland acres or 1.74 square miles contained within the corporate Town limits. Water areas (South Lake and Intracoastal) constitute a minor (0.8%) area of the total Town. The Town of Lake Park is considered built-out to approximately 86% of the corporate area. Only 14% of the total area is vacant and potentially available for future development. Single family, low density residential developments comprise the largest single land use category within the Town. Approximately 305 acres of the total area of the Town is used for single-family residential purposes, while 56.4 acres are used for medium density, and 22.2 acres are used for high density development. The area west of 10th Street/Dixie Road and south of Northlake Boulevard include office/light industrial land uses, and significant commercial land use is located adjacent to Congress Avenue, Northlake Blvd, and US Highway 1 right-of-way. Most of the undeveloped (open area) land is located north of Silver Bech Road and east of Congress Avenue.

As the Town is mostly developed, most development activity is of the redevelopment nature and to assist with these efforts the Town created a Lake Park Community Redevelopment Agency (Lake Park CRA). The Town efforts to revitalization begun with a 1996 CRA Plan, which included a 308 Acre CRA boundary consisting of older central portions of the Town around Old Dixie Avenue and Park Avenue. In 2017, the Town of Lake Park CRA started a "Vision" process to create an 800-acre Mixed-Use Districts for the Federal Highway corridor that incorporates the east and west side of

Federal Highway between Silver Beach Road (to the south), Palmetto Drive (to the north), 2nd Street (to the west) and Lake Shore Drive (to the east). The Vision project has been very successful as the Town attracted the $180 million development of the Nautilus 220 24-story Luxury Waterfront Condominium Tower. Nautilus 220 promises $2 million in property taxes each year, a contribution that will make up 16% of the town's current annual budget of $13 million. The CRA has also recently begun to address downtown parking and the proliferation of substandard multi-family housing. The 8th Street parking lot is the first in this process.

Town Capital Program

The 2023-2024 fiscal year adopted budget indicates a General Fund Revenue of $13,736,384 of which $5,090,951 is from Ad Valorem taxes and $8,645,433 comes from other revenue sources including federal, and state grants. With a population of approximately 9,100 residents, millage rate tax collection alone is not sufficient to fund a Capital Program to maintain, replace and rehabilitate an older roadway, sewer, stormsewer, parks, marina and provide municipal services such as waste management. Furthermore, as a coastal community, the Town aging infrastructure is further exacerbated by the ongoing effects of climate change including Sea Level Rise (SLR) affecting tides (King Tide) along 0.8 miles of the Lake Worth Lagoon (LWL) intracoastal waterway Town waterfront. To address these new challenges, in 2018 the Town embarked on the update of the Stormwater Masterplan (SWMP) and WRMA was selected to implement the update. WRMA proposed that the update of the SWMP should adhere to innovative approaches applying state-of-the-art planning approaches including Green Infrastructure-based Low Impact Development Best Management Practices (BMP's) for stormwater management and climate change abatement town-wide. The SWMP update GI initiative would also be a vehicle for securing widely available sustainability-based federal and state costal resiliency planning and construction grants.

In 2018, the Town adopted by resolution the development of the SWMP update based on a more sustainable approach to Capital Program development, maintenance and rehabilitation that entails the implementation of Green Infrastructure/Low Impact Development (GI/LID) Best Management practices to offset the impact of climate warming and Sea Level Rise. The updated Town of Lake park SMWP goal for Climate Change abatement is to provide green infrastructure for 10% of the impervious surface area over the next 20 years, capable of capturing one inch of rain during storms. The SWMP includes the implementation of a 5% Roadside Bioswales plan which entails the strategic placement of roadside bioswales along locations where flooding has been documented.

The SWMP indicated that the Town's existing drainage system consists of approximately 10.6 miles of stormsewers and 589 structures, with drainage pipes ranging in size from 8-inch to 72-inch in diameter. A total of 6,900 and 3,972 feet or 10,872 feet of the system had already been field-surveyed and CCTV'd as of FY2019. The remaining amount of 45,209 feet or 80.6% (56,081-10,872) of stormsewers would need to be cleaned and televised at cost of $1.8 million over the 20-year SWMP update planning period. WRMA also estimated that the implementation of GI/LID BMPs in the Town's would cost approximately $22 million to be implemented in a 20-year planning period. Capital outlays of $1 to $1.5 million per year would be required to implement the proposed GI/LID-based SWMP update. Because the general funds or the Stormwater Utility Fund could not be the primary vehicles for the Stormwater Utility Capital Improvement Program, funding future needs would have to be augmented by the annual procurement of grants for GI/LID BMP project implementation. Both state and federal government are actively seeking participating communities for GI/LID implementation and have instituted various grant mechanisms for project funding. The Town of Lake Park is one the first communities in South Florida to implement GI/LID BMP's town-wide, which greatly enhances the grant application award process. Upon the 2020 SWMP implementation, the Town of Lake Park has been very successful in accessing these grant sources already.

Familiarity with Tyler Technologies' EnerGov Enterprise Community Development Software Suite

WRMA does not perform electronic planning/engineering analysis, traffic studies, etc., or review of plans and other documents associated with community development.

Current & Previous WRMA Direct Work For The Town

Today, WRMA has assisted the Town of Lake Park with the acquisition of over $18.7 million towards the SWMP implementation (between 2018 and 2022).

FEMA/Hazard Mitigation Grant (HMGP) For Flood Related Infrastructure Capital Improvement Projects

- Lake Shore Drive Drainage Improvements Project – January 2019 ($3.5 million)
- Southern Outfall 72" CAP Replacement – June 2021 – ($3.0 million)

Florida Department of Environmental Protection, Florida Resilient Coastlines Program - Resiliency Planning Grants Fiscal Year 2020-2021 Grant Application

- Town of Lake Park Sea Level Rise Assessment Vulnerability and Adaptation Analysis ($75,000)
- Bostrom Park Underground Storage Filtration Chambers ($35,000)
- Town of Lake Park Storm Water Master Plan 5% Roadway Bioswales Program-2nd Street Project (Design) – ($30,000 design, $550,000 construction).

Florida Department of The Rebuild Florida Mitigation General Infrastructure Program – Resiliency Planning Grants Application

- HUD/CDBG/General Infrastructure Program: One Project with 3 phases ($11.1 million)
  - Phase 1 - Southern Outfall Priority Rehabilitation SWMP Project 100% plans ($3.1Million)
  - Phase 2 - Bostrom Park Underground Storage Chambers – 60, 90, 100% plans ($2.6 Million)
  - Phase 3 - 10th Street GI/LID Water Quality Drainage Pilot Project 60, 90, 100% plans ($5.4 Million)

WRMA has and or is currently working on the following projects:

- ✓ Town of Lake Stormwater Masterplan Update
- ✓ Town of Lake Park TriRail Station Preliminary Concept Design
- ✓ Southern 60" CAP Outfall Emergency Point Repair at Marina
- ✓ Southern Outfall 72" Outfall Replacement (60%) Design
- ✓ 10th Street Water Quality Gi Pilot Project 30% Conceptual Design
- ✓ Second Street Roadside Bioswale (100%) Design
- ✓ Bostrom Park Underground Storage Filtration Treatment facility (100% Design)

Addendums

TOWN OF LAKE PARK
535 Park Ave.
Lake Park, Florida 33403

PROJECT:

CONTINUING SERVICES - ARCHITECTURE, ENGINEERING (VARIOUS TYPES), LANDSCAPE ARCHITECTURE, SURVEY & MAPPING, PLANNING AND OTHER RELATED SERVICES.

ITB #: 113-2023

ADDENDUM #1:

September 11, 2023

Questions and Clarifications

Question 1: *Regarding RFP 113-2023, Continuing Services for the Town of Lake Park, are you seeking firms to submit on each individual service? For example, one submission just for Civil Engineering, one just for Architecture, one just for Landscape Architecture, etc.*

Or are you asking for each submittal to include a group of firms that collectively offer each of the services listed in the RFP?

Response: Firms responding to RFP 113-2023 may propose, in a single submittal, to provide qualified support to the Town in one (1) or more professional disciplines, using A.) The Proposing Firm's employees, B.) By contracting services with qualified Sub-Contractor, or C.) Through a combination of these two.

Firms are highly encouraged to review the entire RFP document, especially Paragraphs 2 and 3 of Article I, Article IV, Exhibit A and Exhibit I, when preparing a response.

Proposers must acknowledge receipt of this Addendum No. 1 in the space provided below. This addendum forms an integral part of the proposal document and therefore must be executed.

Failure to return this addendum with your proposal submittal will be cause for disqualification.

Issued By: Town of Lake Park, Office of the Town Clerk Date: September 11, 2023

Signed By: Laura Weidgans

Laura Weidgans
Deputy Town Clerk

Proposer's Acknowledgement of Receipt of Addendum #1:

Firm's Name: Water Resources Management Inc.

Authorized Signature: _____

Print Name: Raul M. Mercado

Title: President

Date: 10-20-2023

End of Addendum No. 1

TOWN OF LAKE PARK
535 Park Ave.
Lake Park, Florida 33403

PROJECT:

CONTINUING SERVICES - ARCHITECTURE, ENGINEERING (VARIOUS TYPES), LANDSCAPE ARCHITECTURE, SURVEY & MAPPING, PLANNING AND OTHER RELATED SERVICES.

ITB #: 113-2023

ADDENDUM #2:

September 19, 2023

Questions and Clarifications

Question 1: *Regarding RFP 113-2023, Could you please provide the List of Projects that this Continuing Services project(s) entails?*

Response: As outlined in the RFP Document, the selected firm(s) shall support the TOWN's staff with the implementation of the TOWN's Comprehensive Plan and Capital Improvement Program (CIP) for FY 2024-2027 and beyond.

Specifically, the Town foresees requiring planning, design, and construction support for the following types of projects:

- Stormwater/Drainage
- Townwide Street Lighting Improvements
- Transportation, Mobility and Traffic Calming Improvements
- Community Center
- Aquatic Center
- Park Master Plan Implementation
- Strategic/Master Planning
- Other Projects, at the Town's sole discretion

Proposers must acknowledge receipt of this Addendum No. 2 in the space provided below. This addendum forms an integral part of the proposal document and therefore must be executed.

Failure to return this addendum with your proposal submittal will be cause for disqualification.

Issued By: Town of Lake Park, Office of the Town Clerk Date: 9/19/2023

Signed By: Laura Weidgans

Laura Weidgans
Deputy Town Clerk

Proposer's Acknowledgement of Receipt of Addendum #2:

Firm's Name: WATER RESOURCES MANAGEMENT ASS.

Authorized Signature: _____

Print Name: PAUL M. MERCADO

Title: PRESIDENT

Date: 10-20-2023

End of Addendum No. 2

TOWN OF LAKE PARK
535 Park Ave.
Lake Park, Florida 33403

PROJECT:

CONTINUING SERVICES - ARCHITECTURE, ENGINEERING (VARIOUS TYPES), LANDSCAPE ARCHITECTURE, SURVEY & MAPPING, PLANNING AND OTHER RELATED SERVICES.

ITB #: 113-2023

ADDENDUM #3:

September 22, 2023

Questions and Clarifications

Question 1: *Do resumes count toward the page limit in RFP 113-2023? On page 5 of the RFP it says the page limit is no more than 35 pages excluding resumes, but page 11 of the evaluation criteria states that resumes will be counted toward the page limit.*

Response: Paragraph 2-a on Page 5 of the RFP Document is hereby amended as follows:

Proposals from responding firm (Respond en ts)s shall be no more than thirty-five (35) pages in length , **including** résumés . Any résumé included (team leader, core team member, etc.) shall not exceed one (1) page. The proposal shall also include all information required in Exhibits B, H, and I of this RFP; these pages will not the counted toward the page limit.

Proposers must acknowledge receipt of this Addendum No. 3 in the space provided below. This addendum forms an integral part of the proposal document and therefore must be executed.

Failure to return this addendum with your proposal submittal will be cause for disqualification.

Issued By: Town of Lake Park, Office of the Town Clerk Date: _____

Signed By: Laura Weidgans

Laura Weidgans
Deputy Town Clerk

Proposer's Acknowledgement of Receipt of Addendum #3:

Firm's Name: Water Resources Management Inc.

Authorized Signature: [signature]

Print Name: Raul M. Mercado

Title: President

Date: 10-20-2023

End of Addendum No. 3

TOWN OF LAKE PARK
535 Park Ave.
Lake Park, Florida 33403

PROJECT:

CONTINUING SERVICES - ARCHITECTURE, ENGINEERING (VARIOUS TYPES), LANDSCAPE ARCHITECTURE, SURVEY & MAPPING, PLANNING AND OTHER RELATED SERVICES.

ITB #: 113-2023

ADDENDUM #4:

September 25, 2023

Questions and Clarifications

Question 1: *Please provide us with the Comprehensive Plan and Capital Improvement Program for FY 2024-2027. If this plan is not yet finalized, please provide us with the draft version.*

Response: The Town's current Comprehensive Plan is available on the Town's Website. Please visit the following URL to access the **Comprehensive Plan**: https://www.lakeparkflorida.gov/government/departments/community-development/permit-other-documents

Details about principal Capital Improvement Projects currently underway or programmed for implementation during FY 2024-2027 can be accessed via the Town's Website. Please visit the following URL to access the **Capital Projects**: https://www.lakeparkflorida.gov/government/departments/public-works-department/new-projects

Question 2: *May a firm submit qualifications as a prime respondent as well as a subconsultant on another team?*

Response: Yes, this is permissible.

Question 3: *Request for Proposals Advertisement, Section 2, Response Format and Other General Provisions, indicates that the 1 page resumes are "EXCLUDED" from the 35 page limit, however, Article IV. Evaluation Criteria, indicates that the resumes "WILL BE" counted toward the page limit. Please clarify your intent.*

Response: This question was already addressed by the Town in Addendum No. 3, which was published on September 25, 2023. Please reference Addendum No. 3 for additional information.

Proposers must acknowledge receipt of this Addendum No. 4 in the space provided below. This addendum forms an integral part of the proposal document and therefore must be executed.

Failure to return this addendum with your proposal submittal will be cause for disqualification.

Issued By: Town of Lake Park, Office of the Town Clerk Date: _____

Signed By: Laura Weidgans Digitally signed by Laura Weidgans DN: cn=Laura Weidgans, o=Town of Lake Park, ou=Deputy Town Clerk, email=lweidgans@lakeparkflorida.gov, c=US Date: 2023.09.25 15:01:07 -04'00'

Laura Weidgans
Deputy Town Clerk

Proposer's Acknowledgement of Receipt of Addendum #4:

Firm's Name: WATER RESOURCES MANAGEMENT ASS.

Authorized Signature: _____

Print Name: PAUL M. MERCADO

Title: PRESIDENT

Date: 10-20-2023

End of Addendum No. 4

TOWN OF LAKE PARK
535 Park Ave.
Lake Park, Florida 33403

PROJECT:

CONTINUING SERVICES - ARCHITECTURE, ENGINEERING (VARIOUS TYPES), LANDSCAPE ARCHITECTURE, SURVEY & MAPPING, PLANNING AND OTHER RELATED SERVICES.

ITB #: 113-2023

ADDENDUM #5:

September 28, 2023

Questions and Clarifications

Question 1: *Do tab/section dividers count towards the 35-page limit requirement?*

Response: No, neither tab/section dividers, Addendums, or Exhibits required to be submitted with a Response (Exhibit B, Exhibit H, and Exhibit I) count toward the 35-page limit.

Proposers must acknowledge receipt of this Addendum No. 5 in the space provided below. This addendum forms an integral part of the proposal document and therefore must be executed.

Failure to return this addendum with your proposal submittal will be cause for disqualification.

Issued By: Town of Lake Park, Office of the Town Clerk Date: _____

Signed By: Laura Weidgans

Laura Weidgans
Deputy Town Clerk

Proposer's Acknowledgement of Receipt of Addendum #5:

Firm's Name: WATER RESOURCES MANAGEMENT INC.

Authorized Signature: _____

Print Name: RAUL M. MERCADO

Title: President

Date: 10-20-2023

End of Addendum No. 5

TOWN OF LAKE PARK
535 Park Ave.
Lake Park, Florida 33403

PROJECT:

CONTINUING SERVICES - ARCHITECTURE, ENGINEERING (VARIOUS TYPES), LANDSCAPE ARCHITECTURE, SURVEY & MAPPING, PLANNING AND OTHER RELATED SERVICES.

ITB #: 113-2023

ADDENDUM #6:

September 29, 2023

Questions and Clarifications

Question 1: *Would a Table of Contents within the proposal be included or excluded from the established 35-page count limit?*

Response: No, neither tab/section dividers, **Table of Content**, Addendums, or Exhibits required to be submitted with a Response (Exhibit B, Exhibit H, and Exhibit I) count toward the 35-page limit.

Proposers must acknowledge receipt of this Addendum No. 6 in the space provided below. This addendum forms an integral part of the proposal document and therefore must be executed.

Failure to return this addendum with your proposal submittal will be cause for disqualification.

Issued By: Town of Lake Park, Office of the Town Clerk Date: _____

Signed By: Laura Weidgans Digitally signed by Laura Weidgans DN: cn=Laura Weidgans, o=Town of Lake Park, ou=Deputy Town Clerk, email=lweidgans@lakeparkflorida.gov, c=US Date: 2023.09.29 15:07:27 -04'00'

Laura Weidgans
Deputy Town Clerk

Proposer's Acknowledgement of Receipt of Addendum #5:

Firm's Name: WATER RESOURCES MANAGEMENT ASS

Authorized Signature: _____

Print Name: RAUL M. MERCADO

Title: PRESIDENT

Date: 10-20-2023

End of Addendum No. 6

TOWN OF LAKE PARK
535 Park Ave.
Lake Park, Florida 33403

PROJECT:

CONTINUING SERVICES - ARCHITECTURE, ENGINEERING (VARIOUS TYPES), LANDSCAPE ARCHITECTURE, SURVEY & MAPPING, PLANNING AND OTHER RELATED SERVICES.

ITB #: 113-2023

ADDENDUM #7:

October 9, 2023

Questions and Clarifications

Question 1: *Are licenses, registrations, and certifications excluded from the 35-page limit?*

Response: Licenses, registrations, certifications, and other documents submitted as evidence of a firm's qualifications ARE INCLUDED and count towards the RFP response's 35-page limit.

Proposers must acknowledge receipt of this Addendum No. 7 in the space provided below. This addendum forms an integral part of the proposal document and therefore must be executed.

Failure to return this addendum with your proposal submittal will be cause for disqualification.

Issued By: Town of Lake Park, Office of the Town Clerk Date: _____

Signed By: Laura Weidgans Digitally signed by Laura Weidgans DN: cn=Laura Weidgans, o=Town of Lake Park, ou=Deputy Town Clerk, email=lweidgans@lakeparkflorida.gov, c=US Date: 2023.10.09 13:48:58 -04'00'

Laura Weidgans
Deputy Town Clerk

Proposer's Acknowledgement of Receipt of Addendum #7:

Firm's Name: WATER RESOURCES MANAGEMENT INC.

Authorized Signature: _____

Print Name: Raul M. Morado

Title: President

Date: 10-27-2023

End of Addendum No. 7

TOWN OF LAKE PARK
535 Park Ave.
Lake Park, Florida 33403

PROJECT:

CONTINUING SERVICES - ARCHITECTURE, ENGINEERING (VARIOUS TYPES), LANDSCAPE ARCHITECTURE, SURVEY & MAPPING, PLANNING AND OTHER RELATED SERVICES.

ITB #: 113-2023

ADDENDUM #8:

October 11, 2023

Questions and Clarifications

Question 1: *Can the Town please clarify what documentation/agreements we'll need to provide for subconsultants?*

Response: When proposing the use of sub-consultants in your response to the RFP, it will suffice to include details about the scope of services the sub-consultant is qualified, willing and able to provide to the Town on behalf of the Firm; also, include the sub-contractor's location and number of years of experience in each discipline. It's important to note that should your Firm be selected to enter into a continuing service agreement, the Town will at that time request copies of the subcontractor's licenses, certifications, and any and all agreements the Firm has entered into with the subconsultant(s). Such Agreement(s) must remain valid through the initial term of the Agreement the Town and the Firm will enter into.

Question 2: *Will it suffice if we provide a scope of work definition for each of the subconsultants within the narrative of the RFP, in lieu of providing agreements?*

Response: Please reference response to Question No. 1 in this Addendum.

Question 3: *Can the Town please provide its CIP plan through 2027 with budgetary allocations on a year-by-year basis?*

Response: Budgets for projects included in the Town's Capital Improvement Program (CIP) are developed, independently for each fiscal during the months of May through August each year and then approved/adopted by the Town Commission in the month of September for the following fiscal year, which runs from October 1 through September 30. For

additional information on recent, ongoing, and programmed CIP's please reference Addendum No. 2 and Addendum No. 4.

Proposers must acknowledge receipt of this Addendum No. 8 in the space provided below. This addendum forms an integral part of the proposal document and therefore must be executed.

Failure to return this addendum with your proposal submittal will be cause for disqualification.

Issued By: Town of Lake Park, Office of the Town Clerk Date: _____

Signed By: Laura Weidgans

Laura Weidgans
Deputy Town Clerk

Proposer's Acknowledgement of Receipt of Addendum #8:

Firm's Name: Water Resources Management Ass

Authorized Signature: _____

Print Name: Paul M. Mercado

Title: President

Date: 10-20-2023

End of Addendum No. 8

TOWN OF LAKE PARK
535 Park Ave.
Lake Park, Florida 33403

PROJECT:

CONTINUING SERVICES - ARCHITECTURE, ENGINEERING (VARIOUS TYPES), LANDSCAPE ARCHITECTURE, SURVEY & MAPPING, PLANNING AND OTHER RELATED SERVICES.

ITB #: 113-2023

ADDENDUM #9:

October 13, 2023

Questions and Clarifications

Question 1: *Please elaborate on what is requested in Tab 6 regarding our familiarity with Tyler Technologies' EnerGov Enterprise Community Development Software Suite.*

Response: As outlined in Exhibit A, Section II, Paragraph D of the RFP Document, selected consultants will "Perform electronic planning/ engineering analysis, traffic studies, etc., as required in support of the TOWN's development review and approval process." Additionally, the TOWN recently purchased *Tyler Technologies' EnerGov Enterprise Community Development Software Suite (https://www.tylertech.com/products/enterprise-permitting-licensing, which will soon replace CAP Government (https://capfla.com/) as the Town's software platform for submitting and review of plans and other documents associated with community development.*

Furthermore, in Tab 6 of the Response, Consultants will be evaluated on several criteria, including among others, their understanding of the Town's governmental process, understanding of the Town's current development activity and capital program, previous direct work for the Town, and their familiarity and previous experience utilizing *Tyler Technologies' EnerGov Enterprise Community Development Software Suite.*

Proposers must acknowledge receipt of this Addendum No. 9 in the space provided below. This addendum forms an integral part of the proposal document and therefore must be executed.

Failure to return this addendum with your proposal submittal will be cause for disqualification.

Issued By: Town of Lake Park, Office of the Town Clerk Date: _____

Signed By: Laura Weidgans

Digitally signed by Laura Weidgans
DN: cn=Laura Weidgans, o=Town of Lake Park, ou=Deputy Town Clerk, email=lweidgans@lakeparkflorida.gov, c=US
Date: 2023.10.13 09:57:58 -04'00'

Laura Weidgans
Deputy Town Clerk

Proposer's Acknowledgement of Receipt of Addendum #9:

Firm's Name: WATER RESOURCES MANAGEMENT ASS.

Authorized Signature: _____

Print Name: DAVID M. MERCADO

Title: PRESIDENT

Date: 10-20-2023

End of Addendum No. 9