

RFQ# 17-003

PROFESSIONAL SERVICES FOR THE CITY OF KEY WEST

General Landscape Architectural Services

July 19, 2017



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July 19, 2017

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



1992 SW 1st Street
Miami, FL 33135
Phone: 305.274.4805
Fax: 305.274.4807

RE: General Landscape Architectural Services – RFQ # 17-003

Dear Selection Committee Members:

CPH, Inc. (CPH) is pleased to present our response to the City's Request for Qualifications as identified above. As you will see in our qualifications, our team and firm stand out as a clear choice for the City of Key West and the community. CPH has provided consulting services since our inception in Florida in 1981, and has completed hundreds of thousands of projects related to the scope of services outlined in the RFQ. These projects have included trails, athletic complexes, environmental habitats, preserves, golf courses, streetscapes, gateways, ornamental fountains, playgrounds, urban open space, public private partnership projects, FDOT LAP projects, and lakefront recreation. Our team has routinely completed these projects on-time and within budget with favorable buy-in of the public and stakeholders.

CPH's landscape planning and design team provides innovative place-making and inspired landscapes that balance the unique social, environmental, and economic needs and features of a community and area. CPH's landscape architecture team has worked on over 10 FDOT LAP and ARRA funded projects which have included over 20 miles of greenway/trail and sidewalk improvements. Our team has also completed over 100 miles of transportation improvements, over 20 park and recreational projects, and over 20 CRA/redevelopment projects in the last five years, with many more completed over CPH's 36+ years in Florida. CPH's multi-disciplined approach brings together the best creative and strategic experts to meet your goals, achieving results that are implementable and sustainable. Our team has extensive experience in assisting communities and clients in creating great places that attract visitors, shoppers, businesses, and residents.

CPH's recent and current projects include several large streetscape and redevelopment projects such as the City of Orlando's Central Boulevard Streetscape, and vision/master plans such as the City of Cape Coral's Seven Islands Vision Plan. The City of Orlando project is a 0.55 mile streetscape which includes upsizing the existing gravity sewer line on Central Boulevard between Glenn Lane and Garland Avenue from an 8" sanitary sewer to a 18" & 21" sewer system, complete roadway reconstruction including removal of the underlying brick, addition of left turn lanes at the existing intersections, a new traffic signal with a BRT (Bus Rapid Transit) phase, additional right-of-way and easement coordination, placing all overhead utility lines underground (including the duct bank design), complete Maintenance of Traffic Plans, and incorporating landscape/hardscape features including street lighting, trees, decorative crosswalks, and street furniture.

The Cape Coral project included conducting a Visioning and Master Plan Study for the City's Northwest Quadrant and its 7 Islands Area. The Study Area consisted of 20 square miles with over 20 miles of frontage along the Matlacha Pass and its marine habitat. CPH prepared detailed overall vision plans to establish a "village character" for the area highlighting connectivity, compatibility and context based design alternatives. Design Elements included: complete streets, public lands utilization, mixed-use and commercial lands, target private lands for acquisition for public space, street tree plans, signage and theming plans, neighborhood identification and preservation, waterfront activation, and infrastructure expansion plans. For the 7 Islands Area, CPH produced an entitlement and development strategy highlighting the creation of a multi-use "marine/waterfront" oriented village, with retail, commercial, residential, institutional, and public/recreation elements.



CPH has been established in Florida for over 36 years, and we have maintained our location in the City of Miami for 12 years. Our Miami office is fully staffed with over 16 full time staff members, and has a thorough understanding of the area and local design guidelines.

We have highly qualified, long-term staff dedicated to providing the City with responsive, high-quality and cost-effective services. CPH has qualified team members that have proven through our recent projects that we can provide the City with the responsive service that the City needs and wants. The staff assigned in our proposed organizational chart, located in Section 3, is ready and available for the City of Key West. The City will be their primary client, and our personnel will devote the time necessary to assure responsive and quality services to the City.

CPH is very excited about the prospect of working with the City of Key West, and appreciates the opportunity to submit our qualifications and meet with you in the future to answer any questions you may have. Thank you for your consideration of the CPH Team!

Sincerely,
CPH, Inc.

A handwritten signature in blue ink, reading "David A. Gierach". The signature is fluid and cursive, with the first name "David" being more prominent.

David A. Gierach, P.E., CGC
President

COMPLETE COMPANY PROFILE

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CPH prides itself in its capability to “provide quality and innovation for design and construction.” In every aspect of the business, CPH takes pride in providing timely, cost effective and appropriate engineering services to support its clients and help them achieve their objectives. Known as a leading multi-disciplinary consulting engineering firm, CPH provides services in the following areas:

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

The Firm has been providing services in the area since the 1960's and the Firm has been established since 1981 as a privately-owned Florida Corporation. In keeping with the company's philosophy to assure responsive and cost effective service, CPH has grown with branch offices housing over 240 employees in Florida, Georgia, Connecticut, Maryland, Massachusetts and Puerto Rico with the firm's Corporate Headquarters located in Sanford, Florida. CPH's commitment to providing the highest level of service in an affordable manner has been achieved through emphasis on personalized services and direct involvement of top level CPH personnel, especially the owners of the corporation.

CPH provides full landscape architecture services and the team includes on staff horticulturalists and arborists. The team routinely provides these services for projects that include: Master/Park Planning, Streetscape/Roadway Improvements, Commercial and Multi-Use Facilities, Greenways & Trails, Waterfront Development, Water Parks/ Aquatic Facilities, Nature Trails, Natural Resource Management, Sports Complex Design, and Passive & Active Parks.

1981

Date Incorporated
in FL

36

Years in Business

240

Employees

70

City/County Continuing
Contracts CPH Holds

ABILITY TO PROVIDE LANDSCAPE ARCHITECTURAL SERVICES

The CPH team has extensive relevant project experience with landscape architecture, including, but not limited to, landscape design and permitting services, site landscaping, parking lots, road medians, and streetscape projects. The chart below provides further details on a small sample of relevant projects and their key components that are applicable to the services CPH would provide to the City of Key West.

Name of Project	Landscape Architecture	Land Planning	Conceptual Design	Park/Trail Planning	Lighting/ M/E/P	Streetscape/Trail Program	Civil Design	Construction Bidding/Admin.	Public Involvement	Master Planning	Site Planning	Redevelopment Program	Urban Design
US 17-92 Riverwalk Phase II & III	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
W. Central Blvd. Sanitary Sewer Replacement And Streetscape Design/Build	✓		✓		✓	✓	✓	✓	✓		✓	✓	✓
Manatee County Civic Center Improvements	✓		✓		✓		✓	✓	✓		✓		
Harrison Avenue Streetscape Design	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	
Cape Coral 7 Islands Vision		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Seminole County Sports Complex Planning And Design	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		
Public Works And Waste Management 58th Street Master Plan	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Sanford Civic Center	✓	✓	✓		✓		✓	✓	✓		✓		✓
Casselberry Vision Master Plan	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Shingle Creek Trail Design	✓		✓	✓	✓	✓	✓	✓	✓		✓		

CPH
IS

The BEST
CHOICE

AVAILABLE

Cost
EFFECTIVE

Has RECENT
+ relevant
EXPERIENCE



EFFECTIVE

The CPH team is
available +
committed to the
CITY



TEAM OVERVIEW

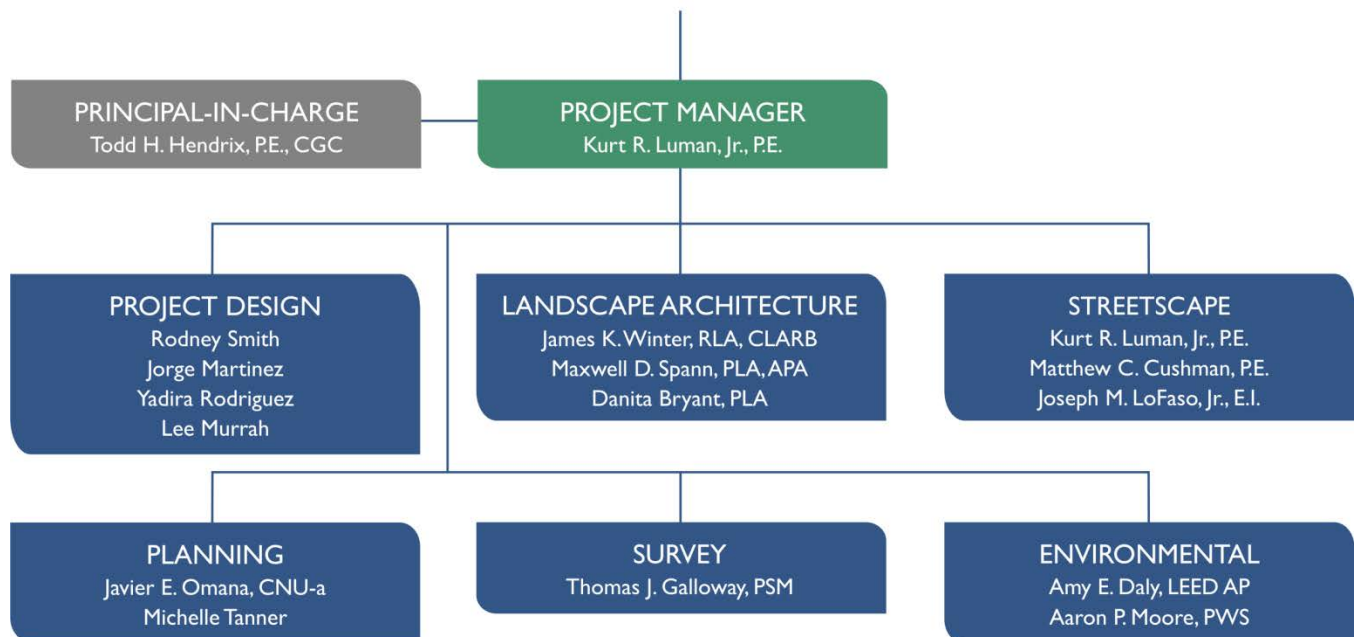
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CPH has assembled a vastly diverse and highly qualified team with experience in all discipline areas requested by the City of Key West. Our team is capable of providing services for every project that will emerge under this contract. The CPH Team Organizational Chart (provided below) depicts the overall reporting and communication hierarchy as well as project roles and responsibilities in relation to the City's scope of services.

We have considered multiple criteria prior to assigning the key members listed below. This criterion includes:

- ✓ Experience in the City of Key West and surrounding area
- ✓ Local knowledge
- ✓ Current availability and commitment to the City of Key West
- ✓ Experience working together on similar projects

CITY OF KEY WEST



IDENTIFICATION OF FIRM MEMBERS

We have carefully evaluated the RFQ document and available information, and have assembled a team that has the expertise and background to work on any project assigned under the “General Landscape Architectural Services” contract. In addition to the assigned staff, CPH has the ability to pull from over 240 staff members to assist in design and construction services. Our total level of in-house resources consists of engineers, designers, environmental scientists, contractors, architects, surveyors, planners, GIS analysts, and landscape architects. The chart below identifies our project team and their qualifications.

Name	Role	Years of Experience	Education/Licenses
Todd H. Hendrix., P.E., CGC	Principal-in-Charge	19	M.S. in Environmental Engineering, Florida International University B.S. in Biological Science, Florida International University Professional Engineer – FL (No. 66794) General Contractor License – FL (No. 1518490)
Kurt R. Luman, Jr., P.E.	Project Manager	19	B.S. in Civil Engineering, University of Central Florida Professional Engineer – FL (No. 65036) Advanced Maintenance of Traffic, NCEES, Critical Structures Construction Issues Course
James K. Winter, RLA, CLARB	Landscape Architect	36	B.A. in Landscape Architecture, Mississippi State University Registered Landscape Architect – FL (No. 0000911) CLARB Certified – (No. 5203)
Maxwell D. Spann, PLA, APA	Landscape Architect	17	Bachelor of Landscape Architecture, Kansas State University 2002, Professional Landscape Architect – FL (No. 6666780) Council of Landscape Architecture – Certificate No. 31691, American Planning Association, American Public Gardens Association Florida Chapter ASLA – Orlando Section Chair
Danita Bryant, PLA	Landscape Architect	13	AAS in Drafting and Design, Wytheville Community College Registered Landscape Architect – FL (No. LA6667318)
Rodney Smith	Project Designer/ Landscape Architecture	11	
Yadira Rodriguez	Project Designer/ Landscape Architecture	8	B.A. in Architecture, Ispjae (Cujae) Ciudad Universitaria “Jose Antonio Echeverria”
Jorge Martinez	Project Designer/ Landscape Architecture	8	B.S in Architecture, “Jose Antonio Echeverria” Higher Polytechnic Institute
Lee Murrah	Project Designer	17	Brevard Community College B.S. at University of South Alabama A.S. at Seminole Community College
Matthew Cushman, P.E.	Project Engineer	12	B.S. in Aerospace Engineering, Embry-Riddle Aeronautical College Professional Engineer – FL (No. 73150) Advanced Maintenance of Traffic Traffic Signal Inspector Level I, IMSA Certified - FL
Joseph M. LoFaso, Jr., E.I.	Project Engineer	3	B.S. in Civil Engineering, University of Central Florida M.S. in Civil Engineering, University of Central Florida Engineer Intern – FL Advanced Maintenance of Traffic

Name	Role	Years of Experience	Education/Licenses
Javier E. Omana, CNU-a	Planning	33	M.A. in Urban and Regional Planning, University of Florida B.S. in Business Administration, University of Florida CNU-a Accredited Member
Michelle Tanner	Planning	27	B.A. in Architecture, University of Florida
Amy E. Daly, LEED AP	Environmental Scientist	24	B.S. Biological Sciences, Florida State University M.B.A., FMU, Summa Cum Laude U.S. Army Corps of Engineers Wetland Delineator Florida Unified Mitigation Methodology Course Qualified Stormwater Management Inspector Prescribed Burner Authorized Gopher Tortoise Agent (GTA-09-00145D) LEED Accredited Professional
Thomas J. Galloway, PSM	Project Surveyor	27	B.S. in Surveying and Mapping, University of Florida Professional Surveyor & Mapper – FL (No. 6549) NCEES Council No. 1291

SUBCONSULTANTS



IRR Design

3215 Ellen Dr.

Orlando, FL 32806

Role: Irrigation Design

Name	Role	Years of Exp.	Similar Projects
Jason McElroy	Irrigation Design	20	<ul style="list-style-type: none"> Performing Arts Center – City of Orlando W. Central Blvd. – Streetscape – City of Orlando Various University of Central Florida Design Projects



Todd H. Hendrix, P.E., CGC

Principal-in-Charge

19 Total Years of Experience • 19 Years with CPH

Experience

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

Education

M.S. in Environmental Engineering, Florida International University
B.S. in Biological Science, Florida International University

Professional Registrations, Certifications, Memberships

Professional Engineer – FL (No. 66794)
General Contractor License – FL (No. 1518490)

Key Strengths

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

Representative Projects

31st Avenue and Ilene Lieberman Parks

- Contracted to work on two park projects for the City of Lauderhill. These parks, 31st Avenue and Ilene Lieberman, included Design Development and Construction drawings for the site design, landscape and irrigation design that meet the criteria of the Broward County "Parks for People" grant program.
- Park elements included: meandering walk-through landscape beds with seating respites along the way, decorative LED lighting, neighborhood buffering, redesign of amphitheater seating and the addition of wheelchair accessible seating spaces.
- Florida Friendly landscaping was incorporated as part of the design criteria for the grant qualification.

Jackson Memorial Hospital Renovations

- Civil Engineering Service
- Construction of Jackson Memorial Hospital the County's medical campus
- The project included the coordination of landscape and hardscape improvements for the construction of the hospital's new park.

Public Works and Waste Management 58th Street Master Plan

- Master plan conceptual design for a 42+ acres portion of the existing Public Works and Waste Management site
- Provided space programming, concept design, and master planning of public works/waste services complex.
- The project included reconfiguration of site, moving existing buildings, and has components such as administration offices, fuel and hazard waste storage, materials storage, vehicle storage, and vehicle maintenance facilities.

Monroe County Fire Station – Cudjoe Key

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

Islamorada Village Wide Wastewater System, Design, Build, Operate (DBO)/Islamorada

- Areas of responsibility included the design and permitting of the vacuum collection system for the Island of Upper Matecumbe Key; vacuum pumping stations for the Islands of South Plantation Key, Upper Matecumbe Key and Lower Matecumbe Key; and low pressure force main collection systems for the Island of Windley Key and portions of Upper Matecumbe Key.
- Combined the project consists of 37,410 LF of HDPE pipe ranging in size from 1 1/4-6". The team provided a complete system design including plan and profile drawings of each pipe run. The team conducted system hydraulics calculations using Sewercad. The team is providing limited CEI services for this portion of the project.



Kurt R. Luman, Jr., P.E.

Project Manager

19 Total Years of Experience • 18 Years with CPH

Experience

Mr. Luman serves the firm of CPH in the capacity of Vice President of our Transportation Services. He is responsible for managing, engineering, and designing roadway, traffic, and trail projects, including geometric design, stormwater management systems, traffic intersections, and traffic control plans. Mr. Luman is also responsible for the preparation and processing of permits through various regulatory agencies including FDOT Local Agency Program (LAP) projects. In addition to highway and traffic design he has experience in preparing stormwater pollution prevention plans, construction estimates and site inspections.

Education

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

Professional Registrations, Certifications, Memberships

Professional Engineer - FL (No. 65036)
Advanced Maintenance of Traffic

Key Strengths

- Streetscapes
- Roadway paving, widening, extensions, new roads; as well as turn lane additions and traffic upgrades
- FDOT guidelines and FDOT LAP
- Trails and Shared-Use Paths
- Signing and Pavement Parking
- Maintenance of Traffic Plans
- Public Involvement
- Permitting
- Drainage/Flood Plain

Representative Projects

Cape Coral SE 47th Terrace Streetscape Improvements

- CPH was selected by the City of Cape Coral to provide professional design and construction engineering services for the streetscape improvements of SE 47th Terrace, from Coronado Parkway to Del Prado Blvd.
- The improvements will include sidewalks with pavers, landscaping, road reconstruction, removal of on-street parking to increase the width of the pedestrian area, off-street parking modification, streetlights, traffic analysis and calming including adding a roundabout at one of the busiest intersections, raised mid-block pedestrian crossings, street furniture, ADA improvements, and drainage modifications/upgrades.
- CPH is also designing the utility upgrades/modifications including a new upsized watermain, new forcemain, and a new reclaimed watermain. Design services will also include modifications to the City's Club Square, such as added sidewalks, bio-retention swales, entrance feature, ADA improvements, landscaping, and streetlights.

Harrison Avenue Streetscape Design

- The City of Panama City and the Panama City CRA selected CPH to perform the Streetscape Design of Harrison Avenue. Harrison Avenue is Panama City's main street leading to City Hall and the Panama City Marina.
- Preliminary Design Services include assisting the CRA with Public Outreach to obtain initial stakeholder input to determine project wants/needs, preparing three streetscape alternatives, and Public Involvement meetings to determine the preferred option.
- Once a preferred option is selected, the Final Design elements may include a roundabout at Harrison Ave. and 4th Street, revised on-street parking to provide wider pedestrian areas in front of the businesses, upgraded street lighting including electrical outlets for various community events, modified stormwater and minor utility relocations.

Sanford 1st Street Streetscape Improvements (FDOT LAP)

- Streetscape design package for a 6 block section of historic First Street (approximately 0.40 miles)
- Designed the roadway, landscape, architecture, and utility plans and prepared specifications for the complete reconstruction of the roadway, including several utility upgrades
- LAP Funded and extensive coordination with FDOT
- Responsible for detailed maintenance of traffic plans and utility relocations

West Georgia Avenue Streetscape and Landscaping Improvements

- The improvements may include sidewalk removal and replacement, modification of access drives and ramps for accessibility, design of decorative lighting, roadway rehabilitation, street furniture, signage, decorative pavers and related infrastructure. Landscape architectural services will include design of irrigation system and plantings.



James K. Winter, RLA, CLARB

Landscape Architect

36 Total Years of Experience • 12 Years with CPH

Experience

Mr. Winter serves CPH as the Director of the Landscape Architecture Department and Vice President. He has over 34 years of experience in Landscape Architecture, including 12 years as Capital Projects Construction Manager for parks and recreations projects within local governments. Mr. Winter has extensive project management, design and construction administration experience for active and passive parks as well as multi-use trail projects. He also has experience with streetscapes, aquatic facilities and other public works projects.

Education

B.A. in Landscape Architecture, Mississippi State University

Professional Registrations, Certifications, Memberships

Registered Landscape Architect – FL (No. LA 0000911)

CLARB Certified – (No. 5203)

American Society of Landscape Architects (ASLA)

Key Strengths

- Landscape Architecture
- Streetscapes
- Parks and Trails/Multi-Use Paths
- Gateways/Entry Features
- Land Planning
- Commercial Development
- Recreation Planning
- Irrigation Design
- Urban Design
- Lighting
- Sustainable Design

Representative Projects

Jackson Memorial Hospital Renovations

- Professional services provided included surveying, civil engineering, architecture, arborist and landscape architecture
- Design transformed a driveway entrance road into a pedestrian plaza that seamlessly flows with the existing Alamo Plaza
- The scope of work included the preparation of drawings for: building demolition, gate house design, entry wall and fence detailing, streetscape paving detailing, grading and drainage, sediment and erosion control, landscaping, irrigation and donor wall and pergola design detailin

Sanford's US 17-92 Beautification

- One mile stretch of road functions as a beautiful welcome to the City of Sanford
- Streetscape included gracious shade trees, grand and dramatic palms near the 417 bridge, colorful accent trees and a variety of ground covers rich in texture and color
- Existing standard concrete light poles in the medians were replaced with decorative metal light poles and acorn fixtures and decorative brick pavers accent the ends of each median

Daytona Beach – US 92 (International Speedway Boulevard) Streetscape

- Conceptual design services and public relations for the streetscape enhancements to International Speedway Boulevard (US 92) from US 1 (Ridgewood Avenue) to South Atlantic Avenue (SR A1A) for the City of Daytona Beach
- Design consists of construction of new pedestrian esplanades, roadside and median landscaping to provide shade and comfort, hardscape improvements at intersections and throughout the pedestrian areas, furniture selection, gateway features, wayfinding signage, and accent lighting

Sanford 1st Street Streetscape Improvements (FDOT LAP)

- Streetscape design package for a 6 block section of historic First Street (approximately 0.40 miles)
- CPH designed the roadway, landscape, architecture, and utility plans and prepared specifications for the complete reconstruction of the roadway, including several utility upgrades
- LAP Funded and extensive coordination with FDOT
- Responsible for detailed maintenance of traffic plans and utility relocations
- CPH used its in-house 3D survey team to provide right-of-way surveys, while minimizing impacts to traffic and to provide a "virtual tour" of existing conditions and the proposed improvements during the public relations effort

Palmetto Avenue

- Design for the renovation of Palmetto Avenue between 2nd and 3rd Streets to match adjacent streetscape improvements on 1st and 2nd streets
- Improvements included the incorporation of the new brick pavers and the introduction of a paver utility strip to house the underground electric for the proposed pedestrian scale lighting fixtures

Maxwell D. Spann, PLA, APA

Landscape Architect

17 Total Years of Experience • 2 Year with CPH

Experience

Mr. Spann serves CPH as a Landscape Architect. He is responsible for planning, design, and construction inspection of landscape design for CPH projects. Mr. Spann has over 16 years of experience in Landscape Architecture, including master planned and mixed-use developments, municipal ordinance review and development, community amenity design including public and private design charette facilitation and grant discovery and document development. He has extensive project management, design and construction administration experience for active and passive parks as well as multi-use trail projects. He also has experience with streetscapes, aquatic facilities and other public works projects.

Education

Bachelor of Landscape Architecture, Kansas State University 2002

Professional Registrations, Certifications, Memberships

Professional Landscape Architect – FL (No. 6666780)
Council of Landscape Architecture – Certificate No. 31691
American Planning Association, American Public Gardens Association
Florida Chapter ASLA – Orlando Section Chair

Key Strengths

- Hospitality
- Mixed Use Retail
- Multi-Use Trail Projects
- Parks and Open Space
- Community Redevelopment
- Municipal Planning
- Streetscape and Corridor
- Municipal & Institutional

Representative Projects

DeBary Community Park

- Planning, site design, architectural, mechanical, electrical and plumbing (MEP) engineering, permitting, surveying and construction services for a splash pad water feature and all associated appurtenances for the City of DeBary
- Electrical design included power distribution to the pump room and restroom facility. Building lighting and occupancy sensors provide a safe, well-lit environment
- Mechanical design included general building ventilation and exhaust system along with plumbing the restroom fixtures and an outdoor shower

Winter Springs Fire Station Master Plan

- CPH prepared a conceptual plan for a new three-story fire station facility of approximately 17,000 square feet. The first floor consisted of a three-truck apparatus bay, workout room, framing area, and a day room facility for full-time staff. The second floor provided dormitory space for 15 private bunk areas. Administration office areas occupied the third floor area.

Trotwood Park Phase 1 Improvements

- Planning, design, permitting, bid services, and CEI services for construction of a splash pad water feature and all associated appurtenances including the design of a 2800 sq. ft. splash pad, one pump room to house the pump and chlorination equipment, in-ground return water tank, extension of electrical service, water service and gravity sewer lines to support the splash pad and additional sidewalks adjacent to the new splash pad
- CPH collected data from the City, DOH and FDEP, and performed site visits to evaluate existing site conditions that affected the placement of the splash pad. Based upon the gathered information, CPH prepared a preliminary layout of the splash pad and a cost estimate.
- CPH also coordinated the design with the City to avoid future improvements to the existing park. CPH provided plan and profile drawings for the splash pad at the 60%, 90% and 100% design levels.

Oak Avenue Streetscape

- CPH prepared a design for a reflective, interpretive park alongside the Lake Mary SunRail station to pay tribute to our military and veterans.
- The design involved vertical hardscape, a fountain, decorative paving and benches.

DeBary Fire Station

- CPH prepared a design for an 8,000+/- square foot masonry, stucco and brick accented building with an apparatus bay for 3 vehicles and dormitories for 6 fire fighters. The design included architectural, structural, landscape, survey, M/E/P and civil site design.

Turtle Beach Park Site Improvements

- CPH provided Sarasota County with a design and permitting assistance for site amenities including a canoe and kayak launching facility, playground, a gazebo, multiple pavilion structures, parking lot expansion and new sidewalks.

Danita Bryant, PLA

Landscape Architect

13 Total Years of Experience • 3 Year with CPH

Experience

Ms. Bryant serves the firm of CPH in the capacity of Landscape Architect/AutoCAD Technician. She has over 13 years of experience in Landscape Architecture and AutoCAD Design. Her work consists of landscape design and plan preparation for governmental and private clients. Ms. Bryant has also been involved as an AutoCAD Technician on project teams preparing landscape plans for several major clients in Florida.

Education

AAS in Drafting and Design, Whytheville Community College

Professional Registrations, Certifications, Memberships

Registered Landscape Architect – FL (No. LA6667318)

Key Strengths

- Landscape Architect
- Design Technician
- AutoCAD
- Conceptual Site Plan Exhibits

Representative Projects

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Harrison Avenue Streetscape Design

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- Once a preferred option is selected, the Final Design elements may include a roundabout at Harrison Ave. and 4th Street, revised on-street parking to provide wider pedestrian areas in front of the businesses, upgraded street lighting including electrical outlets for various community events, modified stormwater and minor utility relocations.

Historic Goldsboro Boulevard Streetscape

- CPH provided planning, design, and permitting services to the City of Sanford for the redevelopment of Historic Goldsboro Boulevard.
- The streetscape design includes new parallel parking, landscape bulb-outs, street and pedestrian lighting, reconstruction of the sidewalks, repaving of the roadway, drainage improvements, and pedestrian crossings.

Seminole County Sports Complex Planning and Design

- Planning and design of a new Sports Complex situated on over 120 Acres in Seminole County.
- The project consisted of implementing the pro forma developed for the Seminole County Leisure Services Department which included 15 tournament quality baseball fields, 25 batting cages, 3 concession/restroom buildings, an administration and conference building, playground, walking trail, 3 storage buildings, and a maintenance facility.

West Leesburg Neighborhood Resource Center Project

- Design a new 9,000 s.f., Neighborhood Resource Center for the City of Leesburg.
- Responsible for full design services including survey, civil, landscape, architectural and MEP.
- The Center will include meeting room spaces for large and small groups, a computer lab, office space for local community service providers, conference rooms for miscellaneous social groups, and a Kitchen / Café facility.

Rodney Smith

Project Designer/Landscape Architecture

11 Total Years of Experience • 11 Years with CPH

Experience

Mr. Smith serves the firm of CPH in the capacity of AutoCAD Technician. His work consists of landscape design and plan preparation for governmental and private clients. In this capacity, Mr. Smith provides coordination between the client / regulatory agencies, and the landscape architect/ landscape designer. Other duties include management responsibilities over drafting department activities, the learning, implementing, and training of new or upgraded CAD software programs, and holding a position on the CAD standards committee. Mr. Smith has been involved as an AutoCAD Technician on project teams preparing conceptual exhibits and landscape plans for several major development projects in Florida, Connecticut, Maryland, among other states and regions.

Key Strengths

- Landscape Architect
- Design Technician
- AutoCAD
- Conceptual Site Plan Exhibits

Representative Projects

Harrison Avenue Streetscape Design

- The City of Panama City and the Panama City CRA selected CPH to perform the Streetscape Design of Harrison Avenue. Harrison Avenue is Panama City's main street leading to City Hall and the Panama City Marina.
- Preliminary Design Services include assisting the CRA with Public Outreach to obtain initial stakeholder input to determine project wants/needs, preparing three streetscape alternatives, and Public Involvement meetings.
- Final Design elements will include a roundabout at Harrison Ave. and 4th Street, revised on-street parking to provide wider pedestrian areas in front of the businesses, upgraded street lighting including electrical outlets for various community events, modified stormwater and minor utility relocations.

Winter Springs - Blumberg Avenue/Trail

- CPH provided roadway, trail, and utility design for Blumberg Avenue. In addition to the roadway, CPH provided a trail (approximately .25 LF) in the median with one way roads on each side.
- Landscaping is designed to be colorful and lush, with stately Sylvester Palms guiding your way along the Trail. Concrete pavers were used for surfacing. Patterns change as you enter into the street or into a new garden space.
- CPH Services included: landscape design, fountain design, grading plan, civil design, planting design, irrigation design, furniture selection, and street improvements.

Spring Hill Park/Trail

- CPH provided engineering and landscape architectural services for the expansion of Spring Hill Park.
- Park landscaping was improved to provide shade to trails and vegetation screening at parking areas. Site furniture and playground selection was provided by CPH Landscape architects.

Seminole Wekiva Trail, Phase IV

- The 12- 14 foot wide trail is 2.5 miles long and runs from Maitland Boulevard near the county line to SR 436 with portions falling within the City of Altamonte Springs.
- The project entails extensive public involvement and right of way acquisition for easements through previously-vacated portions of the railroad corridor.
- Additionally, the relocation of over 165 gopher tortoises to a preserve will be required prior to the trail construction.

US 17-92 RiverWalk, Phase III (FDOT LAP)

- CPH provided planning, survey, and design services for a 1.7 mile extension to an existing trail.
- This project followed the complete streets design elements with the provision of a Multi-Use Trail, Roadway safety improvements, Traffic Calming design, Roadway & Trail Lighting, Utility Design, Structural Seawall Design, Drainage Improvements/Design, Irrigation Design, Beautification, Hardscape and Landscape Design, Scenic Overlooks of Lake Monroe, Way-finding Design, Pedestrian Mid-Block Crossings (Rectangular Rapid Flashing Beacons), Traffic Studies, Survey, and Wetland Mitigation.

Yadira Rodriguez

Project Designer/Landscape Architecture

8 Total Years of Experience • <1 Year with CPH

Experience

Ms. Rodriguez serves the firm of CPH in the capacity of Project Designer/AutoCAD Technician. She has over 8 years of experience in AutoCAD Design.

Key Strengths

- Design Technician
- AutoCAD
- Conceptual Site Plan Exhibits

Education

B.A in Architecture, Ispjae (Cujae) Ciudad Universitaria "Jose Anotinio Echeverria"

Representative Projects

Cape Coral SE 47th Terrace Streetscape Improvements

- CPH was selected by the City of Cape Coral to provide professional design and construction engineering services for the streetscape improvements of SE 47th Terrace, from Coronado Parkway to Del Prado Blvd.
- The improvements will include sidewalks with pavers, landscaping, road reconstruction, removal of on-street parking to increase the width of the pedestrian area, off-street parking modification, streetlights, traffic analysis and calming including adding a roundabout at one of the busiest intersections, raised mid-block pedestrian crossings, street furniture, ADA improvements, and drainage modifications/upgrades.
- CPH is also designing the utility upgrades/modifications including a new upsized watermain, new forcemain, and a new reclaimed watermain. Design services will also include modifications to the City's Club Square, such as added sidewalks, bio-retention swales, entrance feature, ADA improvements, landscaping, and streetlights.

US 17-92 RiverWalk, Phase III (FDOT LAP)

- CPH provided planning, survey, and design services for a 1.7 mile extension to an existing trail.
- The new extension connects to the previous phase designed by CPH and is the final connection between the I-4 Corridor with the adjacent Seminole County Rinehart Trail and the downtown Sanford RiverWalk Trail system.
- This project followed the complete streets design elements with the provision of a Multi-Use Trail, Roadway safety improvements, Traffic Calming design, Roadway & Trail Lighting, Utility Design, Structural Seawall Design, Drainage Improvements/Design, Irrigation Design, Beautification, Hardscape and Landscape Design, Scenic Overlooks of Lake Monroe, Way-finding Design, Pedestrian Mid-Block Crossings (Rectangular Rapid Flashing Beacons), Traffic Studies, Survey, and Wetland Mitigation.

West Georgia Avenue Streetscape and Landscaping Improvements

- The improvements may include sidewalk removal and replacement, modification of access drives and ramps for accessibility, design of decorative lighting, roadway rehabilitation, street furniture, signage, decorative pavers and related infrastructure. Landscape architectural services will include design of irrigation system and plantings.

W. Central Blvd. Sanitary Sewer Replacement and Streetscape Design/Build

- Garney Construction along with CPH was selected by the City of Orlando for the \$6.5 million dollar Design/Build project in downtown Orlando. The 0.55 mile project included upsizing the existing gravity sewer line on Central Blvd. between Glenn Ln. and Garland Ave. from an 8" sanitary sewer to a 18" & 21" sewer system.
- Additional improvements include complete roadway reconstruction including removal of the underlying brick, addition of left turn lanes at the existing intersections, a new traffic signal with a BRT (Bus Rapid Transit) phase, additional right-of-way and easement coordination, placing all overhead utility lines underground (including the duct bank design), complete Maintenance of Traffic Plans, and incorporating landscape/hardscape features including street lighting, trees, decorative crosswalks, and street furniture.

Largo West Bay Trailhead (FDOT LAP)

- CPH was selected by the City of Largo to perform Preliminary and Final Design Services for the W. Bay Drive Trail Head along the regional Pinellas Trail.
- Located within the West Bay Drive Redevelopment District and the Medical Arts Districts, the City plans to leverage the proximity of Downtown Largo with the Pinellas Trail to create a Downtown Multimodal Gateway.
- This project will be the initial phase in transforming Downtown Largo into a Pedestrian Friendly community, promote area wide economic development, correct current multimodal deficiencies, and enhance the overall aesthetics of the Trail through the Downtown and Medical Arts area.

Jorge Martinez

Project Designer/Landscape Architecture

8 Total Years of Experience • 2 Years with CPH

Experience

Mr. Martinez serves the firm of CPH in the capacity of Project Designer/AutoCAD Technician. He has over 8 years of experience in AutoCAD Design.

Key Strengths

- Design Technician
- AutoCAD
- Conceptual Site Plan Exhibits

Education

B.S. in Architecture, "Jose Antonio Echeceria" High Polytechnic Institute

Representative Projects

US 17-92 RiverWalk, Phase III (FDOT LAP)

- CPH provided planning, survey, and design services for a 1.7 mile extension to an existing trail.
- The new extension connects to the previous phase designed by CPH and is the final connection between the I-4 Corridor with the adjacent Seminole County Rinehart Trail and the downtown Sanford RiverWalk Trail system.
- This project followed the complete streets design elements with the provision of a Multi-Use Trail, Roadway safety improvements, Traffic Calming design, Roadway & Trail Lighting, Utility Design, Structural Seawall Design, Drainage Improvements/Design, Irrigation Design, Beautification, Hardscape and Landscape Design, Scenic Overlooks of Lake Monroe, Way-finding Design, Pedestrian Mid-Block Crossings (Rectangular Rapid Flashing Beacons), Traffic Studies, Survey, and Wetland Mitigation.

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Harrison Avenue Streetscape Design

- The City of Panama City and the Panama City CRA selected CPH to perform the Streetscape Design of Harrison Avenue. Harrison Avenue is Panama City's main street leading to City Hall and the Panama City Marina.
- Preliminary Design Services include assisting the CRA with Public Outreach to obtain initial stakeholder input to determine project wants/needs, preparing three streetscape alternatives, and Public Involvement meetings to determine the preferred option.
- Once a preferred option is selected, the Final Design elements may include a roundabout at Harrison Ave. and 4th Street, revised on-street parking to provide wider pedestrian areas in front of the businesses, upgraded street lighting including electrical outlets for various community events, modified stormwater and minor utility relocations.

Shingle Creek Trail Design, City of Orlando

- Consists of a 12-14 wide, 2.5 mile segment of a regional 33-mile trail corridor.
- The project is an FDOT Local Agency Program (LAP) project which includes \$500,000 from FDOT for design and permitting.

Lee Murrah

Project Designer

17 Total Years of Experience • 5 Year with CPH

Experience

Mr. Murrah has over 17 years of experience in the design of large-scale commercial projects. He is on the leading edge of BIM technology and has extensive knowledge of AutoCAD, Photoshop, Illustrator, 3D Studio Max, and Adobe. He has the ability to manage multiple projects and maintain clients' budget and schedule. Mr. Murrah has an understanding of current ADA and IBC Standards and specializes in Accessibility and Life Safety requirements. He has extensive Military Design Build and Design Bid Build Experience.

Education

Brevard Community College
B.S. at University of South Alabama
A.S. at Seminole Community College

Key Strengths

- Project Management
- Revit and BIM Design with high end renderings and animations / energy calculations and more
- Commercial and Residential Design
- AutoCAD, Photoshop, Illustrator, 3D Studio Max, Adobe Revit and Ram
- Mechanical Drafting
- Accessibility and Life Safety Requirements
- Strong CA skills with quick RFI turn around
- Works with Autodesk Beta Programs to develop next year's releases / BIM - AutoCad
- Structural and Architectural Background

Representative Projects

West Georgia Avenue Streetscape and Landscaping Improvements

- The improvements may include sidewalk removal and replacement, modification of access drives and ramps for accessibility, design of decorative lighting, roadway rehabilitation, street furniture, signage, decorative pavers and related infrastructure. Landscape architectural services will include design of irrigation system and plantings.

Sanford Civic Center

- Provided conceptual plans for a new "Civic Center".
- 18,000 square foot facility to replace the existing civic center
- The new facility will expand present inventory of meeting rooms and flexible banquet areas for public use in the range of 500-700 people.
- Specific meeting rooms and offices will be provided for senior citizens.
- Prefunction social gathering areas will be complimented by massive exterior covered patio's and spacious interior circulation spaces.

Sanford Airport – Terminal B Expansion

- CPH was tasked with the Terminal Expansion project to support the current growth of passenger traffic.
- The \$42 million expansion includes the terminal departure consolidation from a dual terminal check-in.
- The improvements also include new consolidated loading and unloading facility, curbside transportation improvements, a covered baggage drop off, apron addition, four new gates, parking lot improvements, terminal building improvements and renovation, as well as transportation improvements that include a new traffic signal and alternate entrances to the parking lots.
- CPH is providing engineering, surveying, architectural, and MEP services for this project.

West Leesburg Neighborhood Resource Center Project

- Design a new 9,000 s.f., Neighborhood Resource Center for the City of Leesburg.
- Responsible for full design services including survey, civil, landscape, architectural and MEP.
- The Center will include meeting room spaces for large and small groups, a computer lab, office space for local community service providers, conference rooms for miscellaneous social groups, and a Kitchen / Café facility.

OUC Warehouse Expansion and Improvements

- This is a design-build project for the Orlando Utilities Commission.
- It consists of a new 9,506 s.f. pre-engineered metal building warehouse addition that ties into the existing warehouse building for the Orlando Utilities Commission.
- This facility will store non-combustible material.
- The walls are metal panels with a standing seam metal roof.
- This project will also have a new pre-manufactured modular structure located within the existing warehouse.
- This will serve as the new breakroom and restrooms for the facility.
- All associated structural, mechanical, electrical and civil engineering is included within the design.



Matthew C. Cushman, P.E.

Project Engineer

12 Total Years of Experience • 11 Years with CPH

Experience

Mr. Cushman serves the firm of CPH as a Project Engineer. He is responsible for the design and engineering of transportation infrastructure, grading, signalization, drainage, as well as the preparation and processing of permits through statewide regulatory agencies. Prior to working with CPH, he worked as a Traffic Signal Designer and Inspector for the F.D.O.T. District 5 Traffic Operations in Deland, FL. The FDOT position included the design of District 5 transportation systems and the signalization of major state road intersections. Mr. Cushman has designed transportation improvements and throughout the State of Florida.

Education

B.S. in Aerospace Engineering, Minor in Mathematics and Foreign Relations, Embry-Riddle Aeronautical College

Professional Registrations, Certifications, Memberships

Professional Engineer – FL (No. 73150)
Traffic Signal Inspector, IMSA Certified - FL

Key Strengths

- Trails and Shared-Use Paths
- Roadway Paving
- Roadway Widening
- Extensions
- New Roads
- Turn Lane Additions and Traffic Upgrades
- FDOT Guidelines and FDOT LAP
- Permitting
- Public Involvement

Representative Projects

Cape Coral SE 47th Terrace Streetscape Improvements

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- The improvements will include sidewalks with pavers, landscaping, road reconstruction, removal of on-street parking to increase the width of the pedestrian area, off-street parking modification, streetlights, traffic analysis and calming including adding a roundabout at one of the busiest intersections, raised mid-block pedestrian crossings, street furniture, ADA improvements, and drainage modifications/upgrades.
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- Once a preferred option is selected, the Final Design elements may include a roundabout at Harrison Ave. and 4th Street, revised on-street parking to provide wider pedestrian areas in front of the businesses, upgraded street lighting including electrical outlets for various community events, modified stormwater and minor utility relocations

Sanford 1st Street Streetscape Improvements (FDOT LAP)

- Streetscape design package for a 6 block section of historic First Street (approximately 0.40 miles)
- Designed the roadway, landscape, architecture, and utility plans and prepared specifications for the complete reconstruction of the roadway, including several utility upgrades
- LAP Funded and extensive coordination with FDOT
- Responsible for detailed maintenance of traffic plans and utility relocations
- The team used its in-house 3D survey team to provide right-of-way surveys, while minimizing impacts to traffic and to provide a "virtual tour" of existing conditions and the proposed improvements during the public relations effort

Daytona Beach – US 92 (International Speedway Boulevard) Streetscape

- Conceptual design services and public relations for the streetscape enhancements to International Speedway Boulevard (US 92) from US 1 (Ridgewood Avenue) to South Atlantic Avenue (SR A1A) for the City of Daytona Beach
- Design consists of construction of new pedestrian esplanades, roadside and median landscaping to provide shade and comfort, hardscape improvements at intersections and throughout the pedestrian areas, furniture selection, gateway features, wayfinding signage, and accent lighting

Joseph M. LoFaso, Jr., E.I.

Project Engineer

3 Total Years of Experience • 2 Years with CPH

Experience

Mr. LoFaso serves CPH as a Project Designer in the Transportation Department. He is responsible for data collection, processing and analysis on our roadway and traffic projects. He excels at design, cost estimation and scheduling. Previous to joining CPH, Mr. LoFaso worked with the City of Orlando in their Transportation Engineering Division as a Signalized Systems Technician. He was responsible for analyzing and interpreting automobile crash data, performing field reviews of existing signalized intersections for compliance with current FDOT and MUTCD criterion, designed and fabricated street signs, and collecting and analyzing traffic data.

Education

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

Professional Registrations, Certifications, Memberships

Engineer Intern – FL
Advanced Maintenance of Traffic

Key Strengths

- Roadway Design
- Maintenance of Traffic Plans
- Traffic Reports and Analysis
- Signing and Pavement Parking

Representative Projects

W. Central Blvd. Sanitary Sewer Replacement and Streetscape Design/Build

- Garney Construction along with CPH was selected by the City of Orlando for the \$6.5 million dollar Design/Build project in downtown Orlando
- The primary purpose of the project is to upsize the existing gravity sewer line on Central Blvd. between Glenn Ln. and Garland Ave. to serve the future MLS Stadium and Sports Entertainment District
- Additional improvements include rebuilding the roadway including removal of the underlying brick, placing all overhead utility lines underground, two mast arm traffic signals, and landscape/hardscape features including street lighting, brick paver walkways, and street furniture

Seminole Wekiva Trail, Phase IV (FDOT LAP)

- Provided civil, survey, landscape architecture, permitting
- Project consisted of 2.5 Mile Multi-Use Path/14' Wide
- LAP Funded and extensive coordination with FDOT
- Coordination with multiple municipalities

Bluford Avenue Phase II – City of Ocoee

- The Bluford Avenue Streetscape project is the first of many associated with the revitalization of downtown Ocoee.
- This portion includes a 3,000 ft. long segment of Bluford Ave. in the heart of the City of Ocoee, from Delaware St. to Silver Star Road (SR 438) and passes through the historic downtown area, as well as the current and future City Halls.
- The project is a joint utility improvement and roadway project, and is administered as a “construction management at risk” project.
- CPH is providing roadway and landscape architecture services, contracted as a sub-consultant to BFA, Inc., the City's prime Utility consultant.
- This project represents the second pairing of CPH and BFA, following the successful on-going partnership of both companies with the City of Orlando's Central Blvd. Streetscape, Utility Duct Bank, & Gravity Sewer project, where CPH acted as the Prime Consultant.

US 17-92 RiverWalk, Phase III (FDOT LAP)

- CPH provided planning, survey, and design services for a 1.7 mile extension to an existing trail.
- The new extension connects to the previous phase designed by CPH and is the final connection between the I-4 Corridor with the adjacent Seminole County Rinehart Trail and the downtown Sanford RiverWalk Trail system.
- This project followed the complete streets design elements with the provision of a Multi-Use Trail, Roadway safety improvements, Traffic Calming design, Roadway & Trail Lighting, Utility Design, Structural Seawall Design, Drainage Improvements/Design, Irrigation Design, Beautification, Hardscape and Landscape Design, Scenic Overlooks of Lake Monroe, Way-finding Design, Pedestrian Mid-Block Crossings (Rectangular Rapid Flashing Beacons), Traffic Studies, Survey, and Wetland Mitigation.



Javier E. Omana, CNU-a Senior Planner

33 Total Years of Experience • 16 Years with CPH

Experience

Mr. Omana serves CPH as Vice President of Land Planning Services and Senior Planner. His professional experience encompasses a wide range of land development planning activities that include: land use feasibility studies, master planning, site planning, Developments of Regional Impact (DRI), rezonings, entitlement acquisitions, permitting, and governmental approvals. Mr. Omana has master planned/designed, and obtained development approvals for a host of projects ranging from small sites to large scale DRI's.

Education

M.A. in Urban and Regional Planning, Concentration: Land Planning & Urban Design, University of Florida

B.S. in Business Administration, Concentration: Economics, University of Florida

Professional Registrations, Certifications, Memberships

CNU-a Accredited Member

Key Strengths

- Property Entitlements Acquisition
- Land Use Feasibility Reports
- Land Planning/Master Planning
- Site Planning
- Project Management
- Developments of Regional Impact
- Comprehensive Planning
- Land Use Amendments/Re-Zonings
- Expert Testimony

Representative Projects

Cape Coral 7 Islands Vision

- The City of Cape Coral, Florida retained the firm of CPH, Inc. to conduct a Visioning and Master Plan Study for the City's Northwest Quadrant and its 7 Island Area.
- The Study Area consisted of 20 square miles with over 20 miles of frontage along the Matlacha Pass and its marine habitat.
- CPH prepared detailed overall vision plans to establish a "village character" for the area highlighting connectivity, compatibility and context based design alternatives.

Sanford 1st Street Streetscape Improvements (FDOT LAP)

- Streetscape design package for a 6 block section of historic First Street (approximately 0.40 miles)
- Designed the roadway, landscape, architecture, and utility plans and prepared specifications for the complete reconstruction of the roadway, including several utility upgrades
- LAP Funded and extensive coordination with FDOT
- Responsible for detailed maintenance of traffic plans and utility relocations

Casselberry Vision Master Plan

- CPH was retained by the City of Casselberry to conduct a design study for the relocation of its Public Works Complex.
- The study included inventory of uses and operations, vehicular and fleet assessment, personnel and space needs. CPH conducted several design charrettes to determine special design elements and features for the "day to day" operations of the Department.

Sabal Point Golf Club

- Chief Designer for a club redevelopment plan to include: golf course layout re-routing, master planning of new residential component, and clubhouse redevelopment.

San Pedro Center, Adult Retirement/Mixed-Use Community

- Land Planning, Entitlements, Survey, Engineering
- Future Land Use Amendment, Planned Development Rezone
- Master Plan Design
- Needs Assessment Report
- Public Participation Program
- Project Management



Michelle Tanner

Senior Planner

27 Total Years of Experience • 14 Years with CPH

Experience

Ms. Tanner serves CPH as Senior Land Planner/Designer. Her professional experience encompasses wide range of land development planning activities that include: residential and golf course master planning, commercial site planning, land use feasibility studies, rezoning, comprehensive plan amendments, entitlement acquisitions, and governmental approvals. Prior to joining CPH, Ms. Tanner resided in southwest Florida where she was Project Planner for the 2,400 acre Bonita Bay Development of Regional Impact.

Education

B.A. in Architecture, University of Florida

Key Strengths

- Land Planning / Master Planning
- Site Planning
- Golf Course Routing Design
- Property Entitlements Acquisition
- Land Use Feasibility Reports
- Project Management
- Comprehensive Planning
- Land Use Amendments / Rezonings

Representative Projects

USF Continuing Contract - Master Plan

- Updated three elements of the campus master plan including: transportation, architectural, and coastal management.
- Updated the campus plan graphic and all figures associated with the previous mentioned elements and the urban design element.
- Professional services involved included data collection, analysis, drafting design, and stakeholders meetings.

Lake Mary Conceptual Downtown Master Plan Alternatives and City Hall Expansion

- As part of our continuing services contract with the City, the team was asked to provide overall downtown design alternatives with respect to open space, hardscape, landscape, recreational opportunities, on-street parking, and pocket park opportunities to include locations for an interactive fountain.
- Services also included City Hall expansion alternatives, stormwater pond locations, and train station location opportunities.
- Disciplines involved included: land planning, landscape architecture, architecture and civil engineering.

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San Pedro Center, Adult Retirement/Mixed-Use Community

- Land Planning, Entitlements, Survey, Engineering
- Future Land Use Amendment, Planned Development Rezone
- Master Plan Design
- Needs Assessment Report
- Public Participation Program
- Project Management



Amy E. Daly, LEED AP Environmental Scientist

24 Total Years of Experience • 13 Years with CPH

Experience

Mrs. Daly serves CPH as principle environmental scientist. She has 22 years of environmental consulting experience with project management, environmental resource assessments, wetland delineation, permitting, mitigation design and implementation, land management, habitat mapping, jurisdictional determinations, wetland functional analyses, protected wildlife surveys and management programs, field survey design and habitat restoration, tortoise surveys, permitting and relocation including commensal species. She has served as an expert witness on various environmental matters for condemnation proceedings.

Education

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

Professional Registrations, Certifications, Memberships

U.S. Army Corps of Engineers Wetland Delineator, Florida Unified Mitigation Methodology Course, FDEP Certified Stormwater Inspector, Prescribed Burner, Authorized Gopher Tortoise Agent (GTA -09-00145C), LEED Accredited Professional

Key Strengths

- Ecological Assessments
- Environmental Permitting
- Mitigation Program Design
- Wetland Delineation
- Land Management
- Consumptive Use Permitting

Representative Projects

Cape Coral 7 Islands Vision

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- The study included inventory of uses and operations, vehicular and fleet assessment, personnel and space needs. CPH conducted several design charrettes to determine special design elements and features for the "day to day" operations of the Department.

US 17-92 Riverwalk, Phase II & III (FDOT LAP)

- Phase II of the FDOT LAP project included 1.5 miles of 10-14 foot wide trail, replacement of 5,500 feet of seawall along Lake Monroe, trail head parking, a prefabricated pedestrian bridge over Mill Creek, hardscaping, landscaping, and lighting.
- For Phase III, CPH provided planning, survey, and design services for a 1.7 mile extension to an existing trail. The new extension connects to the previous phase designed by CPH and is the final connection between the I-4 Corridor with the adjacent Seminole County Rinehart Trail and the downtown Sanford RiverWalk Trail system.

Shingle Creek Trail Design (FDOT LAP)

- CPH was selected by the City of Orlando for the Shingle Creek Trail Design project which consists of a 12-14 wide, 2.5 mile segment of a regional 33-mile trail corridor.
- This segment of the Shingle Creek Trail corridor was identified as a north-south bicycle route through the Metropolitan Orlando Region connecting to the Oak Ridge Road/International Drive, and creating economic development opportunities. The project is an FDOT Local Agency Program (LAP) project which includes \$500,000 from FDOT for design and permitting.

Seminole County Sports Complex Planning and Design

- Planning and design of a new Sports Complex situated on over 120 Acres in Seminole County.
- The project consisted of implementing the pro forma developed for the Seminole County Leisure Services Department which included 15 tournament quality baseball fields, 25 batting cages, 3 concession/restroom buildings, an administration and conference building, playground, walking trail, 3 storage buildings, and a maintenance facility.



Thomas J. Galloway, PSM

Project Surveyor

27 Total Years of Experience • 16 Years with CPH

Experience

Mr. Galloway has over 27 years of experience in the surveying and mapping profession, and has a Bachelor of Science of Surveying and Mapping from the University of Florida. His experience ranges from working in the field and office on small to large development projects, to serving as Party Chief/Survey CADD Technician, Project Manager and Survey Manager. Mr. Galloway has served as Principal and Director of the Surveying Division of the firm since its establishment in 2001. He has overseen the department's growth from two survey crews to managing the current seven survey crews. Additionally he has been personally involved in over 2,500 surveys while at CPH.

Education

B.S. in Surveying and Mapping, University of Florida, 1992

Professional Registrations, Certifications, Memberships

Professional Surveyor & Mapper - FL (No. LS6549)
NCEES Council #1291

Key Strengths

- Surveying and Management
- Highway Projects
- Land Development
- Commercial and Private Projects
- Municipal Projects

Representative Projects

Harrison Avenue Streetscape Design

- The City of Panama City and the Panama City CRA selected CPH to perform the Streetscape Design of Harrison Avenue. Harrison Avenue is Panama City's main street leading to City Hall and the Panama City Marina.
- Preliminary Design Services include assisting the CRA with Public Outreach to obtain initial stakeholder input to determine project wants/needs, preparing three streetscape alternatives, and Public Involvement meetings to determine the preferred option.
- Once a preferred option is selected, the Final Design elements may include a roundabout at Harrison Ave. and 4th Street, revised on-street parking to provide wider pedestrian areas in front of the businesses, upgraded street lighting including electrical outlets for various community events, modified stormwater and minor utility relocations.

Sanford 1st Street Streetscape Improvements (FDOT LAP)

- Streetscape design package for a 6 block section of historic First Street (approximately 0.40 miles)
- Designed the roadway, landscape, architecture, and utility plans and prepared specifications for the complete reconstruction of the roadway, including several utility upgrades
- LAP Funded and extensive coordination with FDOT
- Responsible for detailed maintenance of traffic plans and utility relocations

Daytona Beach – US 92 (International Speedway Boulevard) Streetscape

- CPH provided conceptual design services and public relations for the streetscape enhancements to International Speedway Boulevard (ISB) (US 92) from US 1 (Ridgewood Avenue) to South Atlantic Avenue (SR A1A) for the City of Daytona Beach.
- ISB is the main thoroughfare through historic downtown Daytona Beach leading to the World's Most Famous Beach. The eastern portion of the corridor has struggled economically, and through this project, the City's CRA hopes to spur economic redevelopment of the entire corridor.
- The design consisted of construction of new pedestrian esplanades, roadside and median landscaping to provide shade and comfort, hardscape improvements at intersections and throughout the pedestrian areas, furniture selection, gateway features, wayfinding signage, and accent lighting.

Historic Goldsboro Boulevard Streetscape

- CPH provided planning, design, and permitting services to the City of Sanford for the redevelopment of Historic Goldsboro Boulevard. The project included the design of streetscape improvements for the corridor from William Clark Avenue to South Persimmon Avenue. The streetscape design includes new parallel parking, landscape bulb-outs, street and pedestrian lighting, reconstruction of the sidewalks, repaving of the roadway, drainage improvements, and pedestrian crossings. The \$2.5 Million improvement is a beautification project that is a catalyst for economic development within the corridor.

HARRISON AVENUE STREETSCAPE DESIGN

PANAMA CITY, FL

Client Contact: Panama City Community Redevelopment Agency, Onya Bates, FRA-RP, CRA Program Manager, 9 Harrison Avenue, Panama City, FL 32404, Phone: 850.872.3011, Fax: 850.215.3860, E-Mail: obates@pcgov.org

Performance Period: 2015 - 2017



PROJECT DESCRIPTION

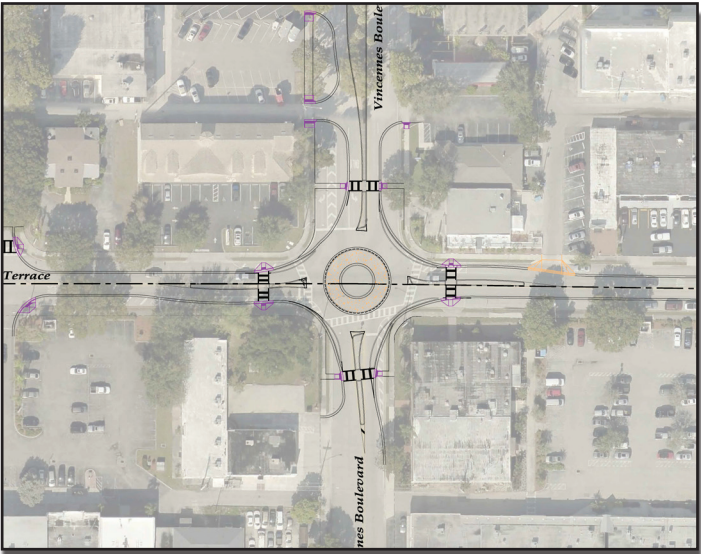
The City of Panama City and the Panama City CRA selected CPH to perform the Streetscape Design of Harrison Avenue. Harrison Avenue is Panama City's main street leading to City Hall and the Panama City Marina. Preliminary Design Services include assisting the CRA with Public Outreach to obtain initial stakeholder input to determine project wants/needs, preparing three streetscape alternatives, and Public Involvement meetings to determine the preferred option. The Final Design elements included a roundabout at Harrison Ave. and 4th Street, revised the angled parking to parallel parking to provide wider pedestrian areas in front of the businesses, upgraded street lighting including electrical outlets for various community events, modified stormwater and minor utility relocations. CPH submitted 100% plans in early April 2017, and is currently waiting for construction to begin.

CAPE CORAL SE 47TH TERRACE STREETSCAPE IMPROVEMENTS

CAPE CORAL, FL

Client Contact: City of Cape Coral, Ms. Stephanie Smith, P.E., Design and Construction Manager, Address: 1015 Cultural Park Boulevard, Cape Coral FL 33990 , Phone: 239.574.0401

Performance Period: 2017 - Ongoing



PROJECT DESCRIPTION

CPH was selected by the City of Cape Coral to provide professional design and construction engineering services for the streetscape improvements of SE 47th Terrace, from Coronado Parkway to Del Prado Blvd. The improvements will include sidewalks with pavers, landscaping, road reconstruction, removal of on-street parking to increase the width of the pedestrian area, off-street parking modification, streetlights, traffic analysis and calming including adding a roundabout at one of the busiest intersections, raised mid-block pedestrian crossings, street furniture, ADA improvements, and drainage modifications/upgrades. CPH is also designing the utility upgrades/modifications including a new upsized watermain, new forcemain, and a new reclaimed watermain. Design services will also include modifications to the City's Club Square, such as added sidewalks, bio-retention swales, entrance feature, ADA improvements, landscaping, and streetlights.

SR 30 WESTERN BAY GATEWAY LANDSCAPE PROJECT

BAY COUNTY, FL

Client Contact: Bay County, Josee Cyr, P.E., County Stormwater Engineer, 840 W. 11th Street, Panama City, FL 32401, Phone: 850.248.8301, Fax: 850.248.8343, E-Mail: jcyr@baycountyfl.gov

Performance Period: 2016 - Ongoing



PROJECT DESCRIPTION

CPH was selected to perform the landscape design, irrigation design, preparation of landscape plans, permitting, and post-design services for the SR 30 Western Bay Gateway Landscape Project. CPH will be responsible for the conceptual plans, final plans, cost estimates, and specifications.

CPH design includes the selection of Florida friendly plants for the highway landscape plans including trees, shrubs, grass, ground cover, and wildflowers. Other scope items include the preparation of highway landscape plans that are in compliance with FDOT standards and criteria. CPH will prepare the traffic control plans and provide post-design services as required.

W. CENTRAL BLVD. SANITARY SEWER REPLACEMENT AND STREETScape DESIGN/BUILD

ORLANDO, FL

Client Contact: City of Orlando, Mike Melzer, P.E., Project Manager/ Construction Manager, 400 South Orange Avenue, Orlando, FL 32801, Phone: 407.246.3187, E-Mail: michael.melzer@cityoforlando.net

Performance Period: 2016 - Ongoing (Est. 9/2017)



PROJECT DESCRIPTION

Garney Construction along with CPH was selected by the City of Orlando for the \$9 million dollar Design/Build project in downtown Orlando. The 0.55 mile project included upsizing the existing gravity sewer line on Central Blvd. between Glenn Ln. and Garland Ave. from an 8" sanitary sewer to a 18" & 21" sewer system. The upsized sewer will serve the future MLS Stadium and City of Orlando Sports Entertainment District as well as future redevelopment along W. Central Blvd. Additional improvements include complete roadway reconstruction including removal of the underlying brick, addition of left turn lanes at the existing intersections, a new traffic signal with a BRT (Bus Rapid Transit) phase, additional right-of-way and easement coordination, placing all overhead utility lines underground (including the duct bank design), complete Maintenance of Traffic Plans, and incorporating landscape/hardscape features including street lighting, trees, decorative crosswalks, and street furniture. Significant coordination with various City divisions was required throughout the design and permitting. These divisions include the Capital Improvements & Infrastructure Division, Streets & Stormwater Division, Community Venues Division, Traffic Division, Wastewater Division, the Downtown Development Board, and the Community Redevelopment Agency. Permitting through FDOT for a Right-of-Way Utilization and Utility Permit was required for work under Interstate 4 while the Beyond I-4 Construction was underway. Other permitting included acquiring the FDEP Permit for the sanitary sewer installation and a SJRWMD stormwater exemption.

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

SANFORD, FL

Client Contact: City of Sanford, Chris Smith, Planning and Development Services Department, 300 North Park Avenue, Sanford, FL 32771, Phone: 407.688.5000, Fax: 407.688.5141, E-Mail: chris.smith@sanfordfl.gov

Performance Period: 2011 - Ongoing



PROJECT DESCRIPTION

Phase II - The FDOT LAP project included 1.5 miles of 10-14 foot wide trail, replacement of 5,500 feet of seawall along Lake Monroe, trail head parking, a prefabricated pedestrian bridge over Mill Creek, hardscaping, landscaping, and lighting. The concept design of the trail necessitated significant coordination with FDOT to gain their support for the necessary variations from Department standards, and their approval of the necessary reduction in shoulder widths and use of Rectangular Rapid Flashing Beacon (RRFB) at two mid-block crossings. The design included advanced coordination with SJRWMD and FDEP because of work within sovereign submerged lands, replacement seawall, and pedestrian bridge.

Phase III - CPH provided planning, survey, and design services for a 1.7 mile extension to an existing trail. The new extension connects to the previous phase designed by CPH and is the final connection between the I-4 Corridor with the adjacent Seminole County Rinehart Trail and the downtown Sanford RiverWalk Trail system. Additionally, these improvements filled the largest remaining gap within the Lake Monroe Trail Loop system which spans both Seminole and Volusia Counties. This project followed the complete streets design elements with the provision of a Multi-Use Trail, Roadway safety improvements, Traffic Calming design, Roadway & Trail Lighting, Utility Design, Structural Seawall Design, Drainage Improvements/Design, Irrigation Design, Beautification, Hardscape and Landscape Design, Scenic Overlooks of Lake Monroe, Way-finding Design, Pedestrian Mid-Block Crossings (Rectangular Rapid Flashing Beacons), Traffic Studies, Survey, and Wetland Mitigation.

SANFORD'S US 17-92 BEAUTIFICATION, PHASE II

SANFORD, FL

Client Contact: City of Sanford, Jeff Davis, Senior Public Works Inspector, P.O. Box 1788, Sanford, FL 32772-1788, Phone: 407.688.5000, ext. 5423, Fax: 407.314.4864, E-Mail: jeff.davis@sanfordfl.gov

Performance Period: 2012 - 2017



PROJECT DESCRIPTION

After successful completion of the City of Sanford's 17-92 Beautification project Phase 1, CPH was selected to complete Phase II as well. Due to the limited right-of-way on each side of the corridor the main focus will be on hardscape improvements in the right-of-way to significantly enhance the appearance as well as safety and function of the corridor. Specifically the proposed improvements will include decorative lighting, traffic signals, crosswalks, and paver utility strips. The current lighting levels will likely improve with the installation of technologically improved and more efficient fixtures that will be more carefully set for better light distribution. These will be decorative old world style lights that will match the ones in the Airport-Park segment and is consistent with the historically themed fixtures of Downtown. The new lights will be placed in approximately the same locations as the existing ones with some exceptions based on better design layout and function. The unattractive overhead power lines connecting each pole will be undergrounded. The intersections at Park Drive, 25th St, 20th St, and 15th Street will receive new decorative traffic signal poles with mast arms eliminating the conventional and unsightly concrete poles and support lines. These will match the historically themed signals at First Street nearby in Sanford. The fiber optic interconnect lines and associated power for each of these signals will also be placed underground eliminating unsightly overhead lines. Decorative crosswalks will be installed at each of the above mentioned intersections plus the school crosswalk at 18th Street. The material will be imprinted colored asphalt simulating brick pavers.

HISTORIC GOLDSBORO STREETSCAPE

SANFORD, FL

Client Contact: City of Sanford, Mr. Bilal Iftikhar, P.E., Public Works Director, Address: P.O. Box 1788, Sanford, FL 32772-1788, Phone: 407.688.5000, Ext. 5400, Fax: 407.330.5679, E-Mail: bilal.iftikhar@sanfordfl.gov

Performance Period: 2016 - Ongoing



PROJECT DESCRIPTION

CPH provided planning, design, and permitting services to the City of Sanford for the redevelopment of Historic Goldsboro Boulevard. The project included the design of streetscape improvements for the corridor from William Clark Avenue to South Persimmon Avenue. The streetscape design includes new parallel parking, landscape bulb-outs, street and pedestrian lighting, reconstruction of the sidewalks, repaving of the roadway, drainage improvements, and pedestrian crossings. The \$2.5 Million improvement is a beautification project that is a catalyst for economic development within the corridor.

WEST GEORGIA AVENUE STREETSCAPE AND LANDSCAPING IMPROVEMENTS

DELAND, FL

Client Contact: City of Deland, Mr. Keith Riger, P.E., Public Services Director, Address: 1102 S. Garfield Ave. DeLand, FL 32724, Phone: 386.626.7197, E-mail: rigerk@deland.org

Performance Period: 2016 - 2017



PROJECT DESCRIPTION

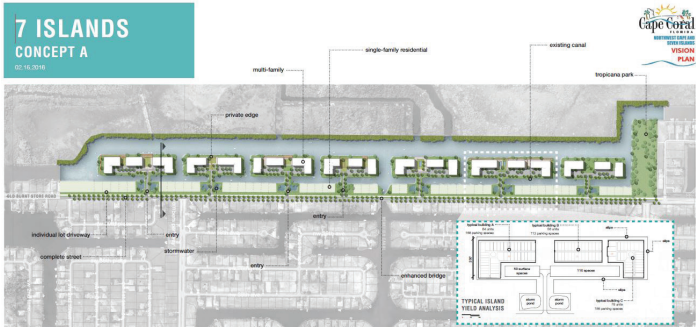
The improvements may include sidewalk removal and replacement, modification of access drives and ramps for accessibility, design of decorative lighting, roadway rehabilitation, street furniture, signage, decorative pavers and related infrastructure. Landscape architectural services will include design of irrigation system and plantings.

CAPE CORAL 7 ISLANDS VISION

CAPE CORAL, FL

Client Contact: The City of Cape Coral, Vince Cautero, AICP, 1015 Cultural Park Blvd., Cape Coral, FL 33990 Phone: 239.574.0600

Performance Period: 2016



PROJECT DESCRIPTION

The City of Cape Coral , Florida retained the firm of CPH, Inc. to conduct a Visioning and Master Plan Study for the City’s Northwest Quadrant and its 7 Island Area.

The Study Area consisted of 20 square miles with over 20 miles of frontage along the Matlacha Pass and its marine habitat. CPH prepared detailed overall vision plans to establish a “village character” for the area highlighting connectivity, compatibility and context based design alternatives. Design Elements included: complete streets, public lands utilization, mixed-use and commercial lands, target private lands for acquisition for public space, Street tree plans, signage and theming plans, neighborhood identification and preservation, waterfront activation, and infrastructure expansion plans. The Plan established a 50 year implementation horizon.

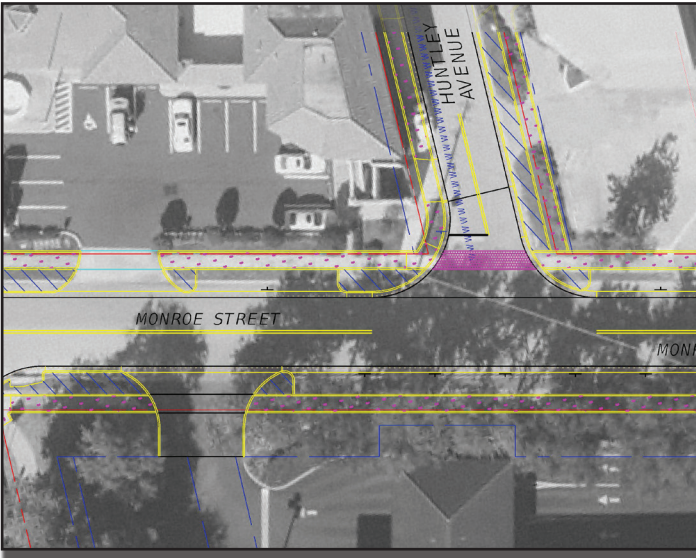
For the 7 Islands Area, CPH produced an entitlement and development strategy highlighting the creation of a multi-use “marine/waterfront “oriented village with retail, commercial , residential, institutional, and public/recreation elements. A series of conceptual master plan were adopted by the City Commission to guide the redevelopment of the City-owned parcels to include building types and height, open space, and parks.

DUNEDIN STREETSCAPE AND ROADWAY/ADA IMPROVEMENT PROJECT

DUNEDIN, FL

Client Contact: City of Dunedin, Joan Rice, P.E., 737 Loudon Ave, 2nd Floor, Dunedin, FL 34698, Phone: 727.298.3178, Fax: 727.298.3171, E-Mail: jrice@dunedinfl.net

Performance Period: 2014 - 2015



PROJECT DESCRIPTION

CPH provided engineering services for the Streetscape and Roadway/ADA Improvement project for the City of Dunedin. The improvement project consisted of two connections to the Pinellas Trail, allowing pedestrians and bicyclist to move from the Trail to the Huntley Avenue corridor. In addition, the project included: parallel/angled parking within the right-of-way, new sidewalks on both sides of the road, drainage evaluation, a new water main along Huntley Avenue that connected to existing water mains along Monroe Street and Washington Street. CPH services included planning, roadway, drainage, utility, traffic, landscaping, irrigation, survey and permitting.

SEMINOLE COUNTY SPORTS COMPLEX PLANNING AND DESIGN

SEMINOLE COUNTY, FL

Client Contact: Seminole County, Mr. Joseph R. Abel, CPRP, Leisure Services Director, 100 E. 1st Street, Sanford, Florida 32771, Phone: 407.665.2001, Email: jabel@seminolecountyfl.gov

Performance Period: 2014 - 2015



PROJECT DESCRIPTION

The CPH Team was awarded the planning and design of a new Sports Complex situated on over 120 Acres in Seminole County. The project consisted of implementing the pro forma developed for the Seminole County Leisure Services Department which included 15 tournament quality baseball fields, 25 batting cages, 3 concession/restroom buildings, an administration and conference building, playground, walking trail, 3 storage buildings, and a maintenance facility. The baseball fields included four 385' and five 350' artificial turf fields, and six 315' natural turf fields. The nine artificial turf fields were designed for multi-use sports play including, soccer, football, and lacrosse in the outfields. The Seminole County Board of Commissioners tasked the Design Team with insuring that this project resulted in the development of a premier sports facility with a regional economic impact. The team studied a number of national facilities in an effort to incorporate the best features from each into the Complex.

INDEPENDENCE AVE STREETScape/FESTIVAL STREET

MAITLAND, FL

Client Contact: City of Maitland, Mr. Rick Lemke, Public Works Director, 1776 Independence Lane, Maitland, FL 32751, Phone: 407.539.6216, Fax: 407.830.1001, E-Mail: rlemke@itsmymaitland.com

Performance Period: 2016 - Ongoing



PROJECT DESCRIPTION

As part of the redevelopment of downtown Maitland and with a public private partnership with a developer, the City tasked CPH with the design of improvements on Independence Ave adjacent to City Hall. The project initially began as an underground infrastructure and rehabilitation project but grew to include a streetscape design for a festival street. The CRA and City had a desire to upgrade the roadway for use during festival days and events. The City provided CPH with a design concept that would serve as a street during normal working days and could be easily transformed into a festival street during events. The shutting down of the roadway would be performed by the installation of removal bollards at the end intersection to limit traffic. To minimize elevation differences from the use of standard curbing within the roadway section, the design incorporated a superelevated roadway that drained to a trench drain and rain garden system. The pedestrian and vehicular areas were separated by use of different textures and colors. The electrical improvements included lighted bollards, pole lights, festoon lighting, event receptacles, food truck connections, and event branch panels. The civil design included underground infrastructure upgrades to the stormwater, water mains, and gravity sewer as well as street level improvements.

SANFORD CIVIC CENTER

SANFORD, FL

Client Contact: City of Sanford, Mr. Jeff Triplett, Mayor, P.O. Box 1788, Sanford, FL 32772-1788, Phone: 407.261.2800, Fax: 407.314.4864, E-Mail: Jeff.Triplett@Sanfordfl.gov

Performance Period: 2016 - Ongoing



PROJECT DESCRIPTION

CPH was commissioned by Sanford’s Community Development Agency to provide conceptual plans for a new “Civic Center”. This proposed 18,000 square foot facility will replace the existing civic center located on Seminole Boulevard which borders Fort Mellon Park and Lake Monroe. The new facility will expand present inventory of meeting rooms and flexible banquet areas for public use in the range of 500-700 people. Specific meeting rooms and offices will be provided for senior citizens. Prefunction social gathering areas will be complimented by massive exterior covered patio’s and spacious interior circulation spaces. Provisions will also include landscape alcoves, delivery ports for catered service and abundant parking within the borders of the site.

US 92 (INTERNATIONAL SPEEDWAY BLVD) STREETSCAPE

DAYTONA BEACH, FL

Client Contact: City of Daytona Beach, Jim Nelson, Jr., P.E., City Engineer, 301 S. Ridgewood Avenue, Daytona Beach, FL 32114, Phone: 386.671.8613

Performance Period: 2011 - 2012



PROJECT DESCRIPTION

CPH provided conceptual design services and public relations for the streetscape enhancements to International Speedway Boulevard (ISB) (US 92) from US 1 (Ridgewood Avenue) to South Atlantic Avenue (SR A1A) for the City of Daytona Beach. ISB is the main thoroughfare through historic downtown Daytona Beach leading to the World’s Most Famous Beach. The eastern portion of the corridor has struggled economically, and through this project, the City’s CRA hoped to spur economic redevelopment of the entire corridor.

The design consisted of construction of new pedestrian esplanades, roadside and median landscaping to provide shade and comfort, hardscape improvements at intersections and throughout the pedestrian areas, furniture selection, gateway features, wayfinding signage, and accent lighting.

PROJECT MANAGEMENT APPROACH & QA/QC PROCEDURES

6

PROJECT MANAGEMENT APPROACH

CPH's approach to providing services to the City of Key West will be **a collaborative effort between the consultant team, City staff, departments, officials and the public**. Excellent communication protocols will be established between all parties to develop an understanding of the City's **goals and budget** to assist in the development of specific scopes and schedules to complete projects assigned through the Continuing Contract for Professional Landscape Architectural Services. Critical attention will be focused on the planning, conceptual design, implementation, maintenance, quality assurance, communication and management of each assignment assuring that completed projects exceed expectations.

CPH has the staff, technical ability and resources to provide professional services to plan, design and implement parks and recreational facilities of any scale that may be assigned through this contract. Projects assigned by the City through this contract will require approach language to be drafted specific to each assignment. The following lists and discusses items which our team considers key when developing approach language for parks and recreation projects. Implementing projects comes from knowing how to create master plans, design development and construction documents, and then seeing that the project gets built according to plan, budget and schedule.

Innovative design methods are critical to creating environments that are safe and attractive. Our team staff's Crime Prevention through Environmental Design (CPTED) specialists understand crime-to-environment relationships and know how to integrate environmental security and defensible space strategies and tactics into the designs of parks and recreation facilities to **improve security and reduce the opportunity for crime to occur**. As detailed design documents are prepared, our team can perform CPTED assessments to ensure public spaces are not only visually exciting but safe.

Community participation programs are an important element in any parks and recreation assignment. Our team has a proven record in the development and implementation of community information and participatory programs. We are familiar with directing public projects and can **identify potential conflicts before they occur**. The personnel assigned to this project are trained in conflict resolution and consensus building techniques and can assist to develop public involvement plans for specific projects as assigned. Design capability is an intangible characteristic that is difficult to measure. It calls for a subjective evaluation of a team's abilities and its importance should not be overlooked. Our team has developed very specific design criteria for public parks and recreation facilities and understands how to extrapolate the criteria to **create aesthetically pleasing, unique and functional designs**.

Maintenance is a topic rarely mentioned, but of paramount importance. The cost of operating and maintaining a recreational facility will be considered throughout the design process for all projects assigned. By being aware of the conditions which impact maintenance operations including the expertise of staff, available equipment and the location of facilities, maintenance programs can be developed to achieve the desired results.

CPH provides the City of Key West with inherent cost savings through the accumulated knowledge and location of the firm and staff. Our team has the data, availability, and resources to provide the City with cost savings solutions. Our team has proven our ability to routinely meet budget and schedule needs for our clients. CPH thoroughly understands the scope of work requested and the challenges associated with delivering projects with high standards of safety and quality, in a cost-effective and timely manner. CPH's selection brings the following strengths to the execution of this contract:

- Established local office of the prime firm located in Miami
- Extensive accumulated knowledge of the City's design standards, needs, and past improvements
- The CPH team members are high on the learning curve and can hit the ground running
- In-house capacity and capability to self-perform a majority of the critical path activities for each item in the scope of work
- Established working relationships with major subconsultants, including minority-owned firms

CPH understands that the City of Key West is seeking a qualified architectural/engineering consulting firm to provide on-going professional landscape architecture services. CPH will provide the City with **unmatched expertise and resources for projects under this contract**. CPH can provide the City with services required for the design/construction/repair of identified project(s) which may include, but not limited to, conferences, consultation and preparation of studies, working drawings, preliminary design, specifications, estimates, drawings, modeling, design, drafting of bids/proposals, construction administration, cost planning, inspection, testing, site analysis, bidding/selection recommendation, presentation/recommendation to Staff and/or Commission, etc. **Our resumes and the professional histories of our various team members clearly demonstrate a vast and broad background of experience, which will be effectively applied to the City's benefit.** CPH is highly qualified to provide continuing services for the City of Key West's projects.

QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES

CPH has an established corporate culture that places emphasis on quality control and assurance for our clients. The firm and team members are dedicated to this process and incorporation of good design and construction practices from the inception of projects. CPH's corporate quality initiatives includes developing a quality control/assurance standardization committee, benchmark reviews by experienced, qualified technical personnel, and means and methods quality reviews by licensed general and utility contractors. The team routinely meets with clients to conduct completed project reviews to evaluate team performance and identify opportunities to enhance service.

CPH's established corporate culture is instilled in every team member and requires that the staff act as an extension of our clients staffing, providing them with services that are on time, within budget, cost effective, and of the highest level of quality. CPH has Standard Operating Procedures (SOP) for all of our major programs (transportation, infrastructure, utilities, stormwater, commercial, residential, and municipal) that include project management techniques, cost estimating, design alternative reviews, subconsultant design reviews, and client communication requirements.

Four Level Quality Control Review System


CPH's quality control system is separated into four (4) distinct levels described as follows:

1. **Project Manager QA/QC Review:** CPH project managers are trained to review all documentation, including information received from the client, other agencies, subconsultants, and internal drawings and specifications. This is the first step in assuring accurate information and proper project design. The project manager is responsible for reviewing the project for accuracy and required changes.
2. **Technical Review Committee Member QA/QC Review:** Throughout the design phase, starting from inception, CPH provides one to two team members that will work with the project manager and designer to review areas of concern and offer additional technical expertise. This person is not involved in the daily design facets, but is kept up-to-date through the use of monthly design updates. The technical review committee provides a quality check various design options, plans, and other construction documents at the 30%, 60%, 90%, and 100% completion intervals.
3. **"Full Field" Of QA/QC Review:** At the 30%, 60%, and 90% stages of the design, the project documentation and specifications are turned over to engineers from other fields to review alternative options and quality of plans. For example, an infrastructure project will be turned over to an independent engineer in our roadway or utility department. This provides a complete internal audit from personnel that have not been involved in the project and are "seeing the project for the first time".
4. **Contractor/Inspector QA/QC Review:** In addition to engineers and construction personnel, the team has the added value of having on-staff licensed general and utility contractors that can review projects from various perspectives. With experienced personnel that have provided construction services for over 30 years, we are able to review the project from a constructability and/or mean and methods view point. In addition, the licensed on staff contractors review projects and provide "real-time" cost estimates throughout the duration of the project. This construction experience allows the team to view projects through the eyes of a contractor with the ability to identify intangible cost factors, elements such as restricted site conditions, specialized equipment requirements, excessive material and labor costs, impacts on schedules, etc. that may not be apparent to a design engineer.

ANTI-KICKBACK AFFIDAVIT

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

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

By: 
Nikhel Jindal, GCC, Vice President/Associate

Sworn and subscribed before me this

17th day of July, 2017.
Pamela A Smith
 NOTARY PUBLIC, State of Florida at Large

NOTARY PUBLIC, State of Florida at Large

My Commission Expires:



PAMELA A. SMITH
MY COMMISSION # FF 185572
EXPIRES: January 2, 2019
Bonded Thru Budget Notary Services

**SWORN STATEMENT UNDER SECTION 287.133(3)(a)
FLORIDA STATUTES ON PUBLIC ENTITY CRIMES**

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

1. This sworn statement is submitted with Bid, Bid or Contract No. RFQ# 17-003 for
General Landscape Architectural Services
2. This sworn statement is submitted by CPH, Inc.
(Name of entity submitting sworn statement)
whose business address is 1992 SW 1st Street, Miami, FL 33135
_____ and (if applicable) its Federal
Employer Identification Number (FEIN) is 59-2068806 (If the entity has no FEIN,
include the Social Security Number of the individual signing this sworn statement.)
3. My name is Nikhel Jindal, GCC and my relationship to
(Please print name of individual signing)
the entity named above is Vice President/Associate.
4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any Bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.
5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means
 1. A predecessor or successor of a person convicted of a public entity crime: or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which Bids or applies to Bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The

term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

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

 The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

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

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

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

(Signature)

07/17/2017

STATE OF FLORIDA (Date)

COUNTY OF SEMINOLE

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

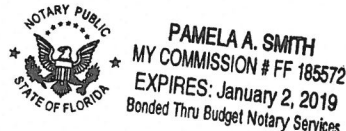
Nikhel Jindal, GCC, Vice President/Associate

(Name of individual signing)

who, after first being sworn by me, affixed his/her signature in the

space provided above on this 17th day of July, 2017.

My commission expires:
NOTARY PUBLIC



INDEMNIFICATION

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: CPH, Inc.

SEAL:



1992 SW 1st Street, Miami, FL 33135
Address


Signature

David A. Gierach, P.E., CGC
Print Name

President
Title

07/17/2017
Date

EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

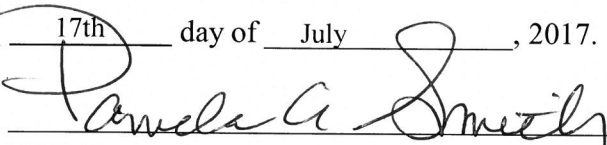
STATE OF FLORIDA)
 : SS
COUNTY OF SEMINOLE)

I, the undersigned hereby duly sworn, depose and say that the firm of
CPH, Inc. provides benefits to domestic partners of its employees on the same
basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

By: 

Sworn and subscribed before me this

17th day of July, 2017.


NOTARY PUBLIC, State of FLORIDA at Large

My Commission Expires: _____

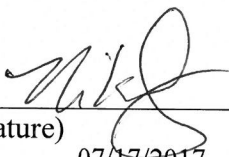


PAMELA A. SMITH
MY COMMISSION # FF 185572
EXPIRES: January 2, 2019
Bonded Thru Budget Notary Services

CONE OF SILENCE AFFIDAVIT

STATE OF FLORIDA)
 : SS
COUNTY OF SEMINOLE)

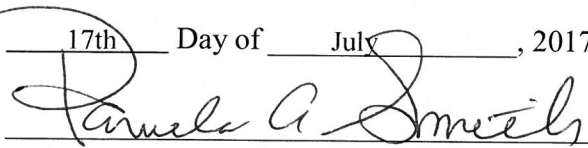
I the undersigned hereby duly sworn depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of CPH, Inc. have read and understand the limitations and procedures regarding communications concerning City of Key West issued competitive solicitations pursuant to City of Key West Ordinance Section 2-773 Cone of Silence (attached).



(signature)
07/17/2017

(date)

Sworn and subscribed before me this

17th Day of July, 2017.


NOTARY PUBLIC, State of FLORIDA at Large

My Commission Expires: _____



PAMELA A. SMITH
MY COMMISSION # FF 185572
EXPIRES: January 2, 2019
Bonded Thru Budget Notary Services

**SWORN STATEMENT UNDER SECTION 287.133(3)(a)
FLORIDA STATUTES ON PUBLIC ENTITY CRIMES**

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

1. This sworn statement is submitted with Bid, Bid or Contract No. 17-003 for
General Landscape Architectural Services
2. This sworn statement is submitted by McElroy Sprinkler Systems Inc. D/B/A IRR Design
(Name of entity submitting sworn statement)
whose business address is 3215 Ellen Dr. Orlando, FL 32806
and (if applicable) its Federal
Employer Identification Number (FEIN) is 59-2798917 (If the entity has no FEIN,
include the Social Security Number of the individual signing this sworn statement.)
3. My name is JASON SEAN McElroy and my relationship to
(Please print name of individual signing)
the entity named above is Owner.
4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any Bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.
5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means
 1. A predecessor or successor of a person convicted of a public entity crime: or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which Bids or applies to Bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The

ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA)

$$: SS$$

COUNTY OF ~~MONROE~~
Orange

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

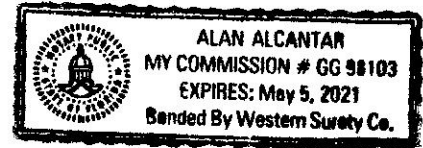
By:

JASON McElroy

Sworn and subscribed before me this

17 day of July, 2017.

NOTARY PUBLIC, State of Florida at Large



My Commission Expires: 05-05-2021

term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

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

☐ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

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

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

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

(Signature)

Jason McElroy 7/17/17

STATE OF Florida (Date)

COUNTY OF Orange

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

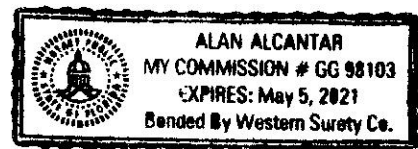
Jason McElroy

(Name of individual signing)

who, after first being sworn by me, affixed his/her signature in the

space provided above on this 17 day of July, 2017.

My commission expires: 05-05-2021
NOTARY PUBLIC



INDEMNIFICATION

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

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CONTRACTOR: IKR Design SEAL:

3215 Ellen Dr Orlando, FL 32806
Address

JMY
Signature

Jason McElroy
Print Name

Owner
Title

7/17/17
Date

EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

STATE OF Florida)
 : SS
COUNTY OF Orange)

I, the undersigned hereby duly sworn, depose and say that the firm of
IRR Design provides benefits to domestic partners of its employees on the same
basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

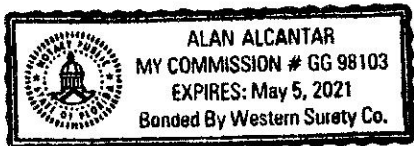
By: [Signature]
Jason McElroy, Owner

Sworn and subscribed before me this

17 day of July, 2017.

[Signature]
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 05-05-2021



CONE OF SILENCE AFFIDAVIT

STATE OF Florida)
 : SS
COUNTY OF Orange)

I the undersigned hereby duly sworn depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of IRR Design have read and understand the limitations and procedures regarding communications concerning City of Key West issued competitive solicitations pursuant to City of Key West Ordinance Section 2-773 Cone of Silence (attached).

(signature) [Signature]
(date) 7/17/17
Jason McElroy, Owner

Sworn and subscribed before me this

17 Day of July, 2017.

[Signature]
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 05-05-2021

