

Consulting Engineers, Surveyors, Landscape Architects & UAS Operations

# CAULFIELD & WHEELER INC.



Celebrating  
**40**  
years

## CITY OF PORT SAINT LUCIE CONTINUING CONTRACTS FOR SURVEY & MAPPING SERVICES

*RFP Number - 20230097  
Due Date: September 22, 2023*

David P. Lindley, P.S.L., Sr Vice President  
Email: [dave@cwassoc.com](mailto:dave@cwassoc.com)  
Phone: 561-392-1991  
Fax: 561-750-1452

Caulfield & Wheeler, Inc.  
7900 Glades Road, Suite 100,  
Boca Raton, FL 33434

# TABLE OF CONTENTS



## **PORT ST. LUCIE SURVEYING & MAPPING SERVICES RFP NO. 20230097**

<b>TAB 1 : FIRM QUALIFICATIONS</b> .....	3
<b>SECTION A - COVER PAGE</b> .....	1
<b>SECTION B - BRIEF HISTORY</b> .....	6
<b>SECTION C - FORM 330</b> .....	12
<b>SECTION D - KEY INDIVIDUAL - FORM 330</b> .....	36
<b>SECTION E - QUALIFICATIONS &amp; REFERENCES</b> .....	37
<b>SECTION F - ORG CHART</b> .....	57
<b>TAB 2 : METHODOLOGY &amp; APPROACH</b> .....	60
<b>TAB 3 : CERTIFIED MINORITY BUSINESS ENTERPRISE</b> .....	65
<b>TAB 4 : ADDITIONAL SUBMITTAL FORMS</b> .....	69
• 4.1 CONSULTANT'S GENERAL INFORMATION WORK SHEET .....	70
• 4.2 CONE OF SILENCE FORM .....	72
• 4.3 CONSULTANT'S CODE OF ETHICS .....	73
• 4.4 E-VERIFY FORM .....	75
• 4.5 NON-COLLUSION AFFIDAVIT .....	76
• 4.6 DRUG-FREE WORKPLACE FORM .....	78
• 4.7 VENDOR CERTIFICATION .....	79
• 4.8 TRUTH IN NEGOTIATIONS FORM .....	80
• 4.9 ADDENDUM FORM RECEIVED .....	81



# TAB 1

## FIRMS QUALIFICATIONS





Robyn Holder, CPPB  
City of Port St. Lucie  
121 S.W. Port St. Lucie Blvd,  
Port St. Lucie, FL 34984

**RE: City of Port St. Lucie Continuing Contracts for Survey & Mapping Services - RFP 20230097**

Dear Selection Committee,

Caulfield & Wheeler, Inc. (CWI) deeply comprehends the City of Port St. Lucie's objective to engage a seasoned consultant with a strong local presence, capable of swiftly and effectively addressing the city's ongoing requirements. CWI brings over four decades of dedicated service to the Miami-Dade, Broward, Palm Beach, Martin, St. Lucie, Indian River, & Brevard areas. We boast a successful track record of collaborating with government entities, drainage districts, and Community Development Districts. With a workforce of 145 professionals, CWI offers a comprehensive suite of services, including Consulting Civil Engineering, Land Surveying & Mapping, Landscape Architecture, GIS Services, High-Definition 3D Laser Scanning or LiDAR, and UAS Operations. We proudly submit our qualifications for the City of Port St. Lucie Survey & Mapping Services RFP 20230097.

For over 40 years, CWI's dedicated team has provided professional consulting services from our Boca Raton and Port St. Lucie offices. We offer a wide range of professional services, along with substantial experience on relevant projects, making us fully equipped to fulfill the City's Scope of Work. CWI has a rich history of consulting for community development and drainage districts, delivering Professional Surveying & Mapping services, encompassing boundary, topographic, specific purpose, hydrographic, geodetic, control, tree, and as-built surveys, all performed through task orders under our continuing contacts. Our experience and expertise are unrivaled in the field, and within the City of Port St. Lucie. CWI operates from two offices, with our headquarters located at 7900 Glades Rd, Suite 100, Boca Raton, FL 33484, and a Treasure Coast office at 240 NW Peacock Blvd., Suite 201, Port St. Lucie, FL 34986.

Mr. David P. Lindley, P.L.S., and Senior Vice President of CWI, will serve as the team project manager and principal in charge. Mr. Lindley brings more than 40 years of land surveying experience to this contract and is readily available at any time by phone at 561-392-1991 or via email at [dave@cwiasoc.com](mailto:dave@cwiasoc.com). In addition to the qualifications highlighted in this letter, we encourage you to review our proposal for further insights into our experience within the City. Mr. Ronnie Furniss, PSM will serve as the Port St. Lucie office manager and secondary point of contact for this contract.




To ensure the successful execution of all required work types under the contract, CWI has assembled a team of highly skilled employees and qualified subcontractors to provide Surveying & Mapping services. Ritzel Mason has been enlisted to provide Subsurface Utility Engineering, while Hydrographic Surveying will be facilitated by Whidden Surveying & Mapping, and Zeman Consulting Group shall provide additional Mobile Mapping services. All of the proposed firms are equipped to offer traditional surveying support if the need arises. With offices strategically located, our team is prepared to deliver prompt, attentive responses and manage multiple work orders concurrently.

CWI's qualified team of subcontractors and employees are dedicated to delivering outstanding service to our clients. If selected, CWI is committed to allocating the necessary time and resources to meet the City's stringent quality standards. Serving the City and its residents would be an honor and a privilege for the Caulfield & Wheeler team.

Should you have any further inquiries about our firm, please do not hesitate to reach out. We eagerly anticipate the opportunity to meet with the Committee to discuss the City's specific needs. We extend our gratitude for considering our team for this project.

Respectfully,  
Caulfield & Wheeler, Inc.



David P. Lindley, P.L.S.  
Sr Vice President,

Caulfield & Wheeler, Inc.  
7900 Glades Rd, Suite 100,  
Boca Raton, FL 33484  
Dave@cwiassoc.com  
Phone: 561-392-1991  
Fax: 561-750-1452

Celebrating  
**40**  
years

## **SECTION B: CWI FIRM OVERVIEW**

**Caulfield & Wheeler, Inc. (CWI)**, was incorporated in October of 1982 in Palm Beach County, Florida, where its principals and employees provide professional civil engineering, planning, land surveying, landscape architecture, and unmanned aerial systems services. CWI has been contracted by many prestigious municipalities, developments, and governmental agencies throughout the Broward, Miami-Dade, Palm Beach, Martin, St. Lucie and Indian River counties.

CWI's headquarters, located at 7900 Glades Road, Suite 100, in Boca Raton, Florida, primarily serves Miami-Dade, Broward, and Palm Beach County. CWI's Treasure Coast office, located at 240 NW Peacock Blvd., Suite 201 Port St. Lucie, which serves Martin, St. Lucie, and Indian River counties.

CWI's principals have over 200 years of combined experience serving as active managers, ensuring every Project meets our technical quality standards while remaining within the Client's budget and schedule. The range of our completed projects includes new construction, redevelopment, commercial retail, mixed-use center revitalization and modifications, municipal centers and parks, large-scale planned-unit developments, and various residential projects. CWI has completed numerous engineering designs, surveys, and landscape plans for multiple government agencies, municipalities, schools, and universities.

**Caulfield & Wheeler, Inc. (CWI)** is a leader in the application of new technology, ensuring all of our work and deliverables are incredibly accurate and reliable. Hardware and software are regularly updated to maintain a competitive edge, providing the County with the most proficient and cost-effective designs. All equipment deployed by CWI for this contract, including 4x4 vehicles, total stations, 3D Laser Scanners, and RTK UAS drone systems, is owned by CWI.

CWI maintains a highly qualified professional staff and a complement of competent and experienced field personnel to support the

required services. CWI will provide an adequate number of trained and qualified staff, including Civil Engineers, Project Engineers, Professional Surveyors and Mappers, GIS Technicians, LiDAR Specialists, Project Managers, CADD Specialists, Engineering Inspectors, FAA Licensed UAS Pilots, and fully equipped field crews. These staffing resources will be available to the Client throughout the course of the contract. Personnel at CWI have been professionally trained and have the experience to provide the services required by this solicitation to the highest degree of standards.

CWI has a long and successful history throughout South Florida, serving as consulting engineers, surveyors and mappers, and landscape architects, including project planning and design, project construction, and project inspection. We remain committed to excellence and look forward to serving the full needs of the Client. CWI understands that this is a comprehensive and multi-disciplinary contract, and in response, has enlisted a team to fulfill every requirement. The Firm has the expertise, experience, personnel, equipment resources to complete every type of Project, independent of size, terrain conditions, or complexity.

The civil engineering section of the Firm has extensive experience in the study, design, and construction phases of various public and private projects throughout Florida. Specific fields of services include design and construction monitoring of individual, gravity, and pressure sanitary sewer systems; water distribution systems; stormwater management systems; and roadway systems from local to collector roads. Caulfield & Wheeler, Inc. has established an excellent rapport with numerous permitting agencies, water management districts, and municipalities, and has developed an exceptional track record for acquiring permits through the complex multi-agency process.

The Land Surveying section of Caulfield & Wheeler, Inc. draws from over 120 years of collective principal experience in the South Florida area. We are one of the largest surveying providers in South Florida, having 21 full-time



GPS survey field crews, all equipped with 4x4 vehicles. CWI's scope of services provided range from boundary surveys, topographic surveys, ALTA/Land Title surveys, tree surveys, design surveys, submerged land leases, mean high water surveys, and beach restoration surveys, through final construction layout and as-built of completed improvements. Numerous route and location surveys have been performed for the design of roadway, water, sewer, drainage, and utility systems. Easement sketches and legal descriptions are routinely prepared for projects utilizing the latest cutting edge technology, hardware, and software. Real-time GPS survey equipment, robotic total stations, and RTK drones allow CWI to complete tasks accurately and efficiently.

The Landscape Architecture section offers various disciplines of the field, including the preparation of site plans, landscape plans, grading plans, lighting plans, irrigation plans, water, and land use plans and environmental plans. All specifications, calculations, and permits are handled within our Landscape Architecture department. Project experience ranges from single-family estate homes to major subdivisions, including entry features, clubhouses, parks, and roadways.

Caulfield and Wheeler, Inc. (CWI) has a rich history providing engineering consulting services throughout South Florida, designing, developing, and monitoring Individual sewer septic systems, wastewater collection systems, wastewater pumping & pressure systems, water distribution systems, stormwater treatment and attenuation systems, stormwater drainage, pumping stations, water system analysis, and water distribution systems. CWI has provided civil engineering services for a variety of large-scale projects, municipalities, management districts, and government agencies, including the City of Hialeah Gardens \$16 Million water capital improvements project and \$2.7 million fire protection and water transmission project.

CWI proudly serves as the District Engineer of Record for the Seminole Improvement District in the City of Westlake, as well as Community

Development District Engineer of Record for Arbor Parc in Riviera Beach, and Alton in Palm Beach Gardens in the North Palm Beach County Improvement District.

Caulfield and Wheeler also previously served as the acting Engineer of Record for the City of Deerfield Beach from 2004-2006. Caulfield & Wheeler was responsible for Specific Purpose Surveys, review of plans, right of way verification, water and sewer drainage calculations, utility locations, responding to RFIs, roadway signage, site review, contractor and city staff meeting coordination, and other various related services.

Caulfield and Wheeler Inc. has provided surveying services on multiple thoroughfare roadway projects throughout South Florida, including 441 / SR-7 improvements in Royal Palm Beach, Crestwood Drive in Delray Beach, as well as engineering drainage studies of 5th Ct, 5th Ave, 3rd Ave, 8th St, and Martin Luther King Boulevard in Deerfield Beach. Other projects where services were provided for the City of Delray Beach include the International Fishing Pier, 15th Ave, 19th Ave, the Anglo American Plat, Pineview Cemetery, Constitution Park Nursery, Deerfield Middle School, Deerfield Beach Boardwalk, Deerfield Beach Fire Station, Jim Moran Blvd, Mayo Howard Park, McKeithan Park Docks, FAU Research Park, the Transfer & Recycling Center, Tivoli Park M-1 & M-2, Westside Park, Villages of Hillsboro Park, and the Youth Auto Training Center.

CWI is neither an SBE, MBE or WBE, but strives to utilize subcontract services from small, minority, women owned businesses whenever possible. Subcontractor Ritzel Mason and WSM are a certified SBE.

# CWI PROFESSIONAL LICENSES

## CWI BUSINESS LICENSE SURVEYING



Detach Here



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LB3591**  
Expiration Date February 28, 2025

### Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

CAULFIELD & WHEELER INC  
7900 GLADES RD STE 100  
BOCA RATON, FL 33434-4104

WILTON SIMPSON  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

## CWI PERSONNEL LICENSE

**DAVID P. LINDLEY,  
P.L.S.**



Detach Here



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LS5005**  
Expiration Date February 28, 2025

### Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

DAVID PAUL LINDLEY  
6551 WINDING LAKE DR  
JUPITER, FL 33458-3720

WILTON SIMPSON  
COMMISSIONER OF AGRICULTURE

## CWI PERSONNEL LICENSE

**RONNIE FURNISS  
P.S.M.**



Detach Here



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LS6272**  
Expiration Date February 28, 2025

### Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

RONNIE LEE FURNISS  
5292 NW RUGBY DR  
PORT SAINT LUCIE, FL 34983-3382

WILTON SIMPSON  
COMMISSIONER OF AGRICULTURE



# PROFESSIONAL LICENSES

**CWI  
PERSONNEL  
LICENSE**

**OWEN RIGGS  
P.S.M.**



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LS6967**  
Expiration Date February 28, 2025

**Professional Surveyor and Mapper License**  
Under the provisions of Chapter 472, Florida Statutes

OWEN M RIGGS  
6773 BOCA PINES TRL APT A  
BOCA RATON, FL 33433-7717



WILTON SIMPSON  
COMMISSIONER OF AGRICULTURE

**CWI  
PERSONNEL  
LICENSE**

**JEFFREY WAGNER  
P.S.M.**



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LS5302**  
Expiration Date February 28, 2025

**Professional Surveyor and Mapper License**  
Under the provisions of Chapter 472, Florida Statutes

JEFFREY REES WAGNER  
7900 GLADES RD STE 100  
BOCA RATON, FL 33434-4104



WILTON SIMPSON  
COMMISSIONER OF AGRICULTURE

**CWI  
PERSONNEL  
LICENSE**

**SCOTT PIRTLE  
P.S.M.**



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LS5630**  
Expiration Date February 28, 2025

**Professional Surveyor and Mapper License**  
Under the provisions of Chapter 472, Florida Statutes

SCOTT MICHAEL PIRTLE  
5398 NW 117TH AVE  
CORAL SPRINGS, FL 33076-3214



WILTON SIMPSON  
COMMISSIONER OF AGRICULTURE

# PERSONNEL LICENSES

**CWI  
PERSONNEL  
LICENSE**

**DAVE ROHAL  
P.S.M.**



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LS4315**  
Expiration Date February 28, 2025

**Professional Surveyor and Mapper License**  
Under the provisions of Chapter 472, Florida Statutes

DAVID E ROHAL  
6561 FERN ST  
MARGATE, FL 33063

*Nicole Fried*

NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

**CWI  
PERSONNEL  
LICENSE**



**OWEN RIGGS,  
LEED P.S.M., AP**



GREEN BUILDING CERTIFICATION INSTITUTE  
HEREBY CERTIFIES THAT

**0 Riggs**

HAS ACHIEVED THE DESIGNATION OF  
**LEED® ACCREDITED PROFESSIONAL**

BY DEMONSTRATING THE KNOWLEDGE OF GREEN BUILDING PRACTICE  
REQUIRED FOR SUCCESSFUL IMPLEMENTATION OF THE LEADERSHIP IN ENERGY  
AND ENVIRONMENTAL DESIGN (LEED®) GREEN BUILDING RATING SYSTEM™.



*Robert A. Form* November 22, 2009 *R.*  
Chairman Date Issued Richard Beckwith, President and CEO

Printed on 100% recycled paper with vegetable-based ink.

**CWI  
PERSONNEL  
LICENSE**

**ANDREW BECKWITH**



I UNITED STATES OF AMERICA XI		
DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION		
IV NAME ANDREW LOGAN BECKWITH		
V ADDRESS 2135 NW 17TH ST DELRAY BEACH FL 33445-2618		
VI NATIONALITY USA	SEX HEIGHT WEIGHT HAIR EYES	
IVa D.O.B. 14 JUL 1983	M 72 200 BROWN BROWN	
IX HAS BEEN FOUND PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF		
II REMOTE PILOT		
III CERTIFICATE NUMBER	4213193	
X DATE OF ISSUE	6 JAN 2022	
XIV	<i>Steve Disher</i>	
VIII	ADMINISTRATOR	



## **CURRENT MUNICIPAL CONTRACTS**

<b>AGENCY OR MUNICIPALITY</b>	<b>PERIOD &amp; DURATION</b>	<b>NUMBER OF STAFF</b>	<b>BRIEF DESCRIPTION</b>
CITY OF TAMARAC	2022 -2025 3 YEAR TERM	5	CONTINUING CONTRACT FOR SURVEY SERVICES
CITY OF BOYNTON BEACH	2022 -2025 3 YEAR TERM	5	CONTINUING CONTRACT FOR SURVEY SERVICES
SOUTH FLORIDA WATER MANAGEMENT DISTRICT	2021 - 2024 3 YEAR TERM	5	CONTINUING CONTRACT FOR SURVEY SERVICES
CITY OF PALM BEACH GARDENS	2020 - 2023 3 YEAR TERM	5	CONTINUING CONTRACT FOR GIS SERVICES
MARTIN COUNTY	2020 - 2023 3 YEAR TERM	5	CONTINUING CONTRACT FOR SURVEY SERVICES

## **FIRMS ABILITY**

CWI will oversee and manage all work orders within this City contract. The Principal-In-Charge will initiate all work order incoming to CWI through a discovery call or meeting with City Project Managers, to accurately understand the tasks required, scheduling demands, and effort needed to complete the deliverable. CWI will also include any sub-consultants working on the specific task order in any future meetings, to guarantee a successful project completion.

CWI can cover every area within the City's boundary, and is comprised to provide adequate services overlap to facilitate multiple projects simultaneously in different areas.

CWI Principals and Project Managers will report directly to City Managers and Stakeholders with weekly project reports, invoice submittal and Quality Control reports.

Caulfield & Wheeler, Inc, looks forward to serving the needs of the City and it's residents with pride, integrity, and professional services.

## SECTION C: SF330

### ARCHITECT - ENGINEER QUALIFICATIONS

#### PART 1 - CONTRACT-SPECIFIC QUALIFICATIONS

##### A. CONTRACT INFORMATION

1. TITLE AND LOCATION <i>(City and State)</i> Continuing Contracts for Survey & Mapping Services (Port St. Lucie, FL)	
2. PUBLIC NOTICE DATE August 30th, 2023	3. SOLICITATION OR PROJECT NUMBER 20230097

##### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE David P. Lindley, P.L.S. / Senior Vice President		
5. NAME OF FIRM Caulfield & Wheeler, Inc		
6. TELEPHONE NUMBER 561-392-1991	7. FAX NUMBER 561-750-1452	8. E-MAIL ADDRESS dave@cwiasoc.com

##### C. PROPOSED TEAM

*(Complete this section for the prime contractor and all key subcontractors.)*

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	JV PARTNER	SUBCONTRACTOR			
a.	<input checked="" type="checkbox"/>			Caulfield & Wheeler, Inc Headquarters  <input type="checkbox"/> CHECK IF BRANCH OFFICE	7900 Glades Rd, Suite 100 Boca Raton, FL 33434	Professional Surveyors & Mappers
b.	<input checked="" type="checkbox"/>			Caulfield & Wheeler, Inc Port St Lucie Office  <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	240 NW Peacock Blvd, Suite 201 Port St Lucie, FL 34986	Professional Surveyors & Mappers
c.			<input checked="" type="checkbox"/>	Ritzel-Mason, Inc. (SBE)  <input type="checkbox"/> CHECK IF BRANCH OFFICE	5119 Beechwood Rd Delray Beach, FL 33484	Professional Surveyors & Mappers, Subsurface Utility Exploration
d.			<input checked="" type="checkbox"/>	Whidden Surveying & Mapping (SBE)  <input type="checkbox"/> CHECK IF BRANCH OFFICE	9200 Belvedere Road Suite 114 Royal Palm Beach, FL 33412	Professional Surveyors & Mappers, Hydrographic Surveyors
e.			<input checked="" type="checkbox"/>	Zeman Consulting Group (SBE)  <input type="checkbox"/> CHECK IF BRANCH OFFICE	3970 RCA Boulevard Suite 7750 Palm Beach Gardens, FL 33410	Professional Surveyors & Mappers, Mobile Mapping
f.				  <input type="checkbox"/> CHECK IF BRANCH OFFICE		

##### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

*(Attached)*



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>David P. Lindley, PLS</b>	13. ROLE IN THIS CONTRACT Professional Land Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 41.6	b. WITH CURRENT FIRM 38.6
15. FIRM NAME AND LOCATION (City and State) Caulfield & Wheeler, Inc. (7900 Glades Rd, Suite 100, Boca Raton, FL 33434)			
16. EDUCATION (Degree AND Specialization) Associated Degree in Land Surveying/1982		17. CURRENT PROFESSIONAL REGISTRATION (State AND Discipline) Florida/Professional Surveyor and Mapper/5005/1982 North Carolina/Professional Land Surveyor/4795/1982	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) 1982-1985 United States Army Surveyor AutoCAD Civil 3D Class 16-Hour Florida MTS Class (Bi-annually)			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>Avenir Community Development District Palm Beach Gardens, Florida</b>	ongoing	ongoing
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Surveyor in charge of boundary and ALTA survey of a 4,763 acre parcel of land for platting and future land development. A portion of the land to be dedicated as conservation tracts which required sketch of descriptions for conveyance to South Florida Water Management District, along with additional right-of-way to be dedicated to Palm Beach County for Northlake Boulevard. Also prepared POD Plats, defined parcels, tracts, right-of-ways and easements. Fee: \$1,020,000+ Professional Land Surveyor		
<b>Delray Beach Continuing Plat Review Consulting Contract Delray Beach, Florida</b>	ongoing	ongoing
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Professional Land Surveyor in charge of a consulting surveying and engineering contract to provide professional services on a continuing and as needed basis. Services provided to the City of Delray Beach include plat review services for the purpose of plat approval by the City Commission. To date approximately fifty (50) plats have been reviewed and submitted for approval. In addition CWI is providing topographic and routing survey services.		
<b>LWDD L-18 and E-4 Canal Survey Lake Worth, Florida</b>	2017	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Professional Land Surveyor in charge of a Boundary, Topographic, Hydrographic and Location Survey in accordance with Floridas Standards of Practice and Lake Worth Drainage Districts (LWDD) requirements to determine the right of way of a portion of the L-18 and E-4 Canal. The overall objective was to map and Districts interest within the right of way and included easements, fee title and agreements. Also CWI was tasked to locate all encroachments into the LWDDs Right of Way.		
<b>SE Merritt Way - Jupiter Jupiter, FL</b>	2021	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Caulfield & Wheeler, Inc. (CWI) was recently awarded a three-year continuing contract to provide surveying, mapping, lidar & aerial photogrammetry services. For an ongoing Engineering project, Martin County requested Caulfield & Wheeler, Inc to provide a topographical survey of SE Merritt Way in Jupiter, FL, to supplement the asbuilts needed to prepare design drawings. As a result, CWI dispatched GPS, mobile lidar, and our UAS Operations team to survey, scan, and orthophotograph the limits requested.		
<b>Seminole Improvement District CDD Engineer and LA Westlake, Florida</b>	ongoing	ongoing
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE CWI serves as the District Engineer for the Seminole Improvement District in the City of Westlake. CWI reviews and provides Engineering Design, Inspection, Landscape Architecture, & Permitting services for the district and developments. Fee: \$20,000 Professional Land Surveyor		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Jeffrey R. Wagner, PLS, CFSM</b>	13. ROLE IN THIS CONTRACT Professional Land Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 38.1	b. WITH CURRENT FIRM 38.1
15. FIRM NAME AND LOCATION <i>(City and State)</i> Caulfield & Wheeler, Inc. (7900 Glades Rd, Suite 100, Boca Raton, FL 33434)			
16. EDUCATION <i>(Degree AND Specialization)</i> Field Artillery Surveyor/Active Duty: 1982-1985/United States Army/1982 Field Artillery Surveyor/Reserve: 1986-1994/United States Army/1986		17. CURRENT PROFESSIONAL REGISTRATION <i>(State AND Discipline)</i> Florida/Professional Surveyor & Mapper: 5302/1994 Alabama/Professional Land Surveyor: 27948/2006 Tennessee/Professional Land Surveyor: 2590/2007 North Carolina/Professional Land Surveyor: 4911/2010 Kentucky/Professional Land Surveyor: 4069/2013 Certified Floodplain Manager/US-15-08367/2015	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
- Member of and Past President (2006-2007) of the Palm Beach Chapter of the Florida Surveying & Mapping Society.
  - Member, Past Secretary (2005-2007), Past President (2009) and Past Vice President (2010) of the Gold Coast Land Surveyor's Council.
  - Member of the National Society of Professional Surveyors.
  - Member of the Alabama Society of Professional Land Surveyors.
  - Member of the Tennessee Association of Professional Surveyors.
  - Member of the North Carolina Society of Surveyors.
  - Member of the Kentucky Society of Professional Surveyors.
  - Member of the Florida Floodplain Manager's Association.
  - Member of the Association of State Floodplain Managers.
  - Member of the American Legion Post 277 and the Veterans of Foreign Wars Post 4141.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>7 SFG Complex, Eglin Air Force Base Eglin Air Force Base, Florida</b>	2009	
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Professional Land Surveyor.</b> This project demonstrates our commitment and ability to continually meet stringent deadlines by having the capacity to allocate the proper amount of resources required of large projects. Both sites were surveyed and delivered in both MicroStation and AutoCadd format. Fee: \$35,000.00		
<b>Atlantic Avenue and A1A Delray Beach, Florida</b>	2010	2011
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Professional Land Surveyor</b> in charge of the preparation of a Topographic Survey of the Subject Property. Survey included existing asphalt, striping, sidewalks, building walls, dumpster, site light poles and tree locations, and Coastal Construction Control Line Location. Fee \$65,200.00		
<b>Brevard South Beach Restoration Indialantic, Florida</b>	2010	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Professional Land Surveyor.</b> Caulfield & Wheeler, Inc. (CWI) provided control surveying for 3 miles of beach restoration for the dredging contractor. Services included before dredge and after dredge cross sections from the erosion control to 400 feet east of the existing mean high water line at 300 foot baseline intervals. Fee: \$68,425.00		
<b>Deerfield Beach Continuing Consulting Engineering Services Contract Deerfield Beach, Florida</b>	2006	N/A
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Professional Land Surveyor.</b> CWI is proud to have served the City of Deerfield Beach as a consulting engineer of record on numerous projects throughout the years of 2003-2006. CWI worked closely with the City Staff, Engineering Department, and various agencies to conduct a wide variety of engineering services for the City on multiple projects, including MLK Blvd Improvements. Fees: \$100,000+		
<b>Palm Beach Gardens Emergency Operations Center Palm Beach Gardens, Florida</b>	2014	2011
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Professional Land Surveyor.</b> Caulfield & Wheeler was contracted by Sunline Engineering Contractors to provide asbuilts of the drainage, water and sewer systems, verify ADA compliance of slopes, locations of existing buildings, verifying benchmarks, stakeouts for drainage and cleanouts, utility locations, calculations of control and building pads, and FEMA certification. Fee: \$4,725		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Owen M. Riggs, PSM</b>	13. ROLE IN THIS CONTRACT Professional Surveyor and Mapper	14. YEARS EXPERIENCE	
		a. TOTAL 20.4	b. WITH CURRENT FIRM 20.4
15. FIRM NAME AND LOCATION <i>(City and State)</i> Caulfield & Wheeler, Inc (7900 Glades Rd, Suite 100, Boca Raton, FL 33434)			
16. EDUCATION <i>(Degree AND Specialization)</i> Bachelor of Science Civil Engineering/Florida Atlantic University/2008		17. CURRENT PROFESSIONAL REGISTRATION <i>(State AND Discipline)</i> Florida/LEED Accredited Professional/United States Green Building Council/2008 Florida/Professional Surveyor & Mapper/6967/2013	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Alton by Kolter Homes Palm Beach Gardens, Florida</b>	ongoing	ongoing
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Professional Surveyor and Mapper.</b> Caulfield & Wheeler Inc. was the Engineer and Land Survey Consultant for the 684 Acre, 1,400 Unit, Mixed Use Development. CWI worked closely with the Northern Palm Beach County Improvement District (NPBCID) as one of its units of Development. Fee: \$1,000,000+		
<b>Arbor Parc aka Mediterranea CDD Riviera Beach, Florida</b>	ongoing	ongoing
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Professional Surveyor and Mapper.</b> Caulfield & Wheeler Inc. (CWI) is the district engineer for Arbor Parc and the Mediterranea Community Development District (CDD), which is responsible for the Water, Wastewater and Stormwater Systems for the entire 69 acre, 598 Unit Development in Riviera Beach, FL. Fee: \$625,000		
<b>Avenir Community Development District Palm Beach Gardens, Florida</b>	ongoing	ongoing
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Professional Surveyor and Mapper.</b> In charge of boundary and ALTA survey of a 4.763 acre parcel of land for platting and future land development. Land to be dedicated as conservation tracts which required sketch of descriptions for conveyance to SFWMD along with additional ROW to PBC for Northlake Blvd. Prepared POD Plats, defined parcels, tracts, ROW and easements. Fee: \$1,020,000+		
<b>Donald Ross Road for Alton Palm Beach Gardens, Florida</b>	2017	2016
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Professional Surveyor and Mapper.</b> Construction of 4253 Linear Feet of roadway, pathway, electrical, lighting, irrigation, and landscape improvements for Donald Ross Rd, Heights Blvd, and Parkside Dr, for the Alton planned community development. Caulfield & Wheeler Inc., was contracted by J.W. Cheatham road building and earthmoving contractors to provide surveying and construction staking services. Fee: \$117,000		
<b>Flamingo West Park Cooper City, Florida</b>	2020	2019
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Professional Surveyor and Mapper.</b> Caulfield & Wheeler, Inc. was contracted by the Stantec, Ryan Companies, and LTG Sports Turf One, Inc., to provide Land Surveying services for the new recreational complex which includes four synthetic sports fields for soccer & football, walking trails, an ADA playground, a fishing pier, pavilions and a community meeting room. Fee: \$80,000		



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Ronnie L. Furniss, P.S.M.</b>	13. ROLE IN THIS CONTRACT Professional Surveyor and Mapper	14. YEARS EXPERIENCE	
		a. TOTAL 42.8	b. WITH CURRENT FIRM 5.8
15. FIRM NAME AND LOCATION <i>(City and State)</i> Caulfield & Wheeler, Inc (7900 Glades Rd, Suite 100, Boca Raton, FL 33434)			
16. EDUCATION <i>(Degree AND Specialization)</i> /Various Courses/Broward County Community College/2019 /FDOT EFB, CEFB/2019 /Autodesk Civil 3D Course/2019		17. CURRENT PROFESSIONAL REGISTRATION <i>(State AND Discipline)</i> Florida/Professional Surveyor & Mapper/6272/2001	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Mr. Furniss has over 39 years of experience in Surveying and Mapping and joined Caulfield & Wheeler, Inc. in 2018. He and been providing land surveying services on projects throughout Florida from Baker County in Northern Florida to the Florida Keys. Mr. Furniss currently the Survey Manager for the North Division of Caulfield & Wheeler, Inc. Mr. Furniss has managed a multitude of projects including being the project manager for South Florida Water Management District surveying services contract, as well as the Reviewing Surveyor for multiple municipalities. Mr. Furniss is also very proficient in the use of AutoCAD Civil 3D, CAiCE, FDOTs EFB, CEFB, Trimble GPS Software, Hypack Hydrographic Software and the complete suite of Microsoft Office programs. He has successfully completing land surveying projects for numerous public entities as well as private developers and construction contractors. Mr. Furniss has over 39 years of expertise in many surveying disciplines that include Geodetic Control Surveys, Route and Location Surveys for surface and subsurface mapping of existing utilities for design plan base maps, sketch and legal descriptions for easements and parcel acquisition, Boundary Surveys, Hydrographic Surveys, Wetland Mapping, Stormwater Mapping, Topographic Surveys, Tree Surveys. Mr. Furniss is a member of the Florida Surveying & Mapping Society (FSMS) Florida District 6 (Palm Beach County), the American Congress of Surveying and Mapping, and the National Society of Professional Surveyors.

**19. RELEVANT PROJECTS**

a. (1) TITLE AND LOCATION <i>(City and State)</i> <b>Avenir CDD, Palm Beach Gardens, Palm Beach County, Florida Palm Beach Gardens, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Professional Surveyor and Mapper</b> in charge of Boundary and ALTA Survey of a 4,763 acre parcel of land for Platting and future land development. A portion of the land to be dedicated as conservation tracts which required sketch of descriptions for conveyance to South Florida Water Management District, along with additional right-of-way to be dedicated to Palm Beach County for Northlake Boulevard. Fee \$75,000.00		
b. (1) TITLE AND LOCATION <i>(City and State)</i> <b>Avenir CDD, Palm Beach Gardens, Palm Beach County, Florida Palm Beach Gardens, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Professional Surveyor and Mapper</b> in charge of preparing the Boundary plat. Prepare plat, defined parcels, tracts, right-of-ways and easements. Worked with site planner, project engineer and the city to develop strategies for future land use. Draft plat and compose dedications and reservations. Supervision of recorded final plat with the county. Fee \$80,000.00		
c. (1) TITLE AND LOCATION <i>(City and State)</i> <b>Avenir CDD, Palm Beach Gardens, Palm Beach County, Florida Palm Beach Gardens, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Professional Surveyor and Mapper</b> in charge of preparing POD Plats, defined parcels, tracts, right-of-ways and easements. Worked with site planner, project engineer and the city to define lots, open spaces, parks, lake tracts and easements. Draft plat and compose dedications and reservations. Fee \$20,000.00 average per plat.		
d. (1) TITLE AND LOCATION <i>(City and State)</i> <b>Avenir CDD, Palm Beach Gardens, Palm Beach County, Florida Palm Beach Gardens, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Professional Surveyor and Mapper</b> in charge of Boundary, Topographic and ALTA Surveys for various parcel of land for Platting and future land development within the 4,763 acres. Sketch of Descriptions for various easements, parcels and conveyances. Fees Depending on the size of scope of each parcel.		
e. (1) TITLE AND LOCATION <i>(City and State)</i> <b>Avenir CDD, Palm Beach Gardens, Palm Beach County, Florida Palm Beach Gardens, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Professional Surveyor and Mapper</b> in charge of Boundary, Topographic and ALTA Survey for the proposed FPL Substation. Services include review of current title commitment, establishing corners, site benchmarks, providing topographic elevations for a final design survey. Fee \$5,800.00.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Scott M. Pirtle, P.S.M.</b>	13. ROLE IN THIS CONTRACT Professional Surveyor and Mapper	14. YEARS EXPERIENCE	
		a. TOTAL 40	b. WITH CURRENT FIRM 5.3
15. FIRM NAME AND LOCATION <i>(City and State)</i> Caulfield & Wheeler, Inc (7900 Glades Rd, Suite 100, Boca Raton, FL 33434)			
16. EDUCATION <i>(Degree AND Specialization)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(State AND Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Scott Pirtle has 40 years of land surveying experience. He spent 35 years with CPC, Inc., and the last 5 years with CWI, Inc. Scott has produced at least 10,000+ residential surveys in Southern Florida. Scott is Florida Professional Surveyor and Mapper #5630. Scott has been responsible for approximately 90% of all new home survey in Parkland since 1994, including the following projects: Parkland Golf & CC, Heron Bay, Parkland Isles, Cascata, Mira Lago, Parkland bay, etc. Scott has earned his Assoc. of Arts at Broward College.			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Akai Estates WO Fort Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> Professional Land Surveyor
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Professional Land Surveyor	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Cambria Parc aka Flavor Pict Nursery Boynton Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE CWI was contracted to provide planning, civil engineering design, surveying, and landscape architecture services for the property, which is approximately 40 acres, zoned for 256 townhomes, of which 34 units are Workforce Housing. Services provided included proposed water distribution, sanitary sewer systems, storm drainage systems, and finished paving grades due diligence, boundary surveys of the new plat limits, plat calculations, research and preparation, & plat processing. Fee: \$547,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Cascata Mira Lago at Parkland Parkland, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE CWI was contracted to review the existing Surveys and Title Work on the 284-acre parcel formerly known as the Triple H Ranch. CWI provided Site Geometry Plans, Soils Testing Coordination, Paving, Grading, and Drainage Plans, Design plans, Sales Center Plans, Water Distribution Plans, Sanitary Sewer Plans, Pollution Prevention Plans, Cost Estimates and Construction Specifications, Permitting, Control Structure Design, FEMA Final Letter of Map Revision (LOMR-F). Fee: \$1,024,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Parkland Royale WO	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Professional Land Surveyor	CONSTRUCTION <i>(If applicable)</i> 1
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Professional Land Surveyor	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Sunset Trails Lennar (Marc.Szasz@lennar.com, Patricia & Alana) Miami, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Professional Land Surveyor	<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>David E. Rohal, P.S.M.</b>	13. ROLE IN THIS CONTRACT Professional Surveyor and Mapper	14. YEARS EXPERIENCE	
		a. TOTAL 48	b. WITH CURRENT FIRM 4.9
15. FIRM NAME AND LOCATION <i>(City and State)</i> Caulfield & Wheeler, Inc (7900 Glades Rd, Suite 100, Boca Raton, FL 33434)			
16. EDUCATION <i>(Degree AND Specialization)</i> Associate of Arts /University of Florida/1986		17. CURRENT PROFESSIONAL REGISTRATION <i>(State AND Discipline)</i> Florida/LS4315/Professional Surveyor and Mapper/1986	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Mr. Rohal started his surveying career in 1975 with the Miami-Dade County Parks and Recreation Department as a rear chainman. Within 2 years Mr. Rohal advanced himself to crew chief through the County's required civil service exams for promotions. He secured an office position with a private engineering / surveying company upon moving to Broward County in the late 1970s where he prepared calculations and gathered information for the field crew's daily assignments, hand drafted surveys and sketches, and began writing legal descriptions. He obtained his Florida professional surveyor's license in 1986. Mr. Rohal has worked primarily in the South Florida area as a field crew supervisor and platting manager with experience in construction layout, boundary and topographic surveys, submerged land leases, plat preparation, plat representation at city and county commission meetings, canal cross sections and volume calculations for the Army Corps of Engineers, route surveys for Florida Power and Light Co., and various municipal projects for the cities of Ft. Lauderdale, Pompano Beach, Riviera Beach Community Development Agency and Broward County. Since joining Caulfield & Wheeler, he has been preparing plats, sketches and legal descriptions, abstract and title commitment review and quality control.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Professional Land Surveyor	2020	
<input checked="" type="checkbox"/> Check if project performed with current firm		
b. (1) TITLE AND LOCATION <i>(City and State)</i> Boca Marina Recreation Center Boca Raton, FL	2022	
<input checked="" type="checkbox"/> Check if project performed with current firm		
c. (1) TITLE AND LOCATION <i>(City and State)</i> 1236 George Bush Blvd		
<input checked="" type="checkbox"/> Check if project performed with current firm		
d. (1) TITLE AND LOCATION <i>(City and State)</i> Delray Trails/Via Delray (7336-1) ap@13thfloorhomes.com		
<input checked="" type="checkbox"/> Check if project performed with current firm		
e. (1) TITLE AND LOCATION <i>(City and State)</i> South Florida Trotting Center (7563 S. State Road 7), Lake Worth		
<input checked="" type="checkbox"/> Check if project performed with current firm		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Edward J. Jones III, CST IV</b>	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 8.1	b. WITH CURRENT FIRM 8.1
15. FIRM NAME AND LOCATION <i>(City and State)</i> Caulfield & Wheeler, Inc (7900 Glades Rd, Suite 100, Boca Raton, FL 33434)			
16. EDUCATION <i>(Degree AND Specialization)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(State AND Discipline)</i> CST IV (0806-2612) Survey Technician (FL 06N026126)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	City of Sunrise-Pump Station 2 & 3	2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Miami Dolphins Stadium Renovations Miami Gardens, FL	2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Tamarac Culvert Improvements Tamarac, FL	2016	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE CWI was contracted by Qualmann Marine to provide surveying services for the improvement of culverts and headwalls throughout Tamarac, including Lagos De Campo Blvd South, NW 80th Ave South, NW 82nd Street South. Services included Survey Calculations, Control Verification, Construction Layout, and asbuilding of the improvements. Fee: \$30,285 Project Manager	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	American Heritage Delray Athletic Field Delray Beach, FL	2019	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Arden Pod E South 2022		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager	<input checked="" type="checkbox"/> Check if project performed with current firm	



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Rhied White</b>	13. ROLE IN THIS CONTRACT <b>Geospatial Manager</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>13.2</b>	b. WITH CURRENT FIRM <b>13.2</b>
15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>Caulfield &amp; Wheeler, Inc (7900 Glades Rd, Suite 100, Boca Raton, FL 33434)</b>			
16. EDUCATION <i>(Degree AND Specialization)</i> <b>Associates in Mathematics Broward College</b>		17. CURRENT PROFESSIONAL REGISTRATION <i>(State AND Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i> <b>Arbor Parc aka Mediterranea CDD Riviera Beach, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>CADD Technician / LiDAR Specialist.</b> Caulfield & Wheeler Inc. (CWI) is the district engineer for Arbor Parc and the Mediterranea Community Development District (CDD), which is responsible for the Water, Wastewater and Stormwater Systems for the entire 69 acre, 598 Unit Development in Riviera Beach, FL. Fee: \$625,000		
(1) TITLE AND LOCATION <i>(City and State)</i> <b>Cobblestone Commons &amp; Wawa Boynton Beach, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>CADD Technician / LiDAR Specialist.</b> Caulfield & Wheeler, Inc. was contracted to provide Professional Surveying and Mapping services for a development and construction of commercial retail center with multiple outparcels, including a Chase Bank, Pollo Tropical, and Wawa gas station. Surveying services provided included topographic surveys, land title surveys, calculations, stakeouts, and asbuilts. Fee: \$261,000		
(1) TITLE AND LOCATION <i>(City and State)</i> <b>Glades &amp; Lyons Plaza Boca Raton, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i> 2019
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>CADD Technician / LiDAR Specialist.</b> The primary purpose of the proposed project is to allow for the addition of a Johnny Clean Car Wash to the existing Lyons/Glades Plaza. An evaluation of the Church's drainage performance was performed by Caulfield & Wheeler, which included a topographic survey, field investigations, and modeling. A shared use drainage solution was prepared allowing for further development of the adjacent commercial parcel. Fee: \$39,000		
(1) TITLE AND LOCATION <i>(City and State)</i> <b>Villages of Windsor SE Civic CLF Lake Worth, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>CADD Technician / LiDAR Specialist.</b> Villages of Windsor SE Civic is a 12.1 acre parcel, planned to be an assisted living facility. CWI is providing Engineering Design and Land Surveying. Engineering Design includes paving and grading plans, water distribution plans, sanitary sewer plans, pollution prevention plans, entrance and turn lane plans, agency permitting, and construction inspections. Fee: \$34,000		
(1) TITLE AND LOCATION <i>(City and State)</i> <b>Ballpark of the Palm Beaches West Palm Beach, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>CADD Technician / LiDAR Specialist.</b> Caulfield and Wheeler was contracted by HW Spring Training Complex LLC (HW), in collaboration with Palm Beach County, to conduct a Boundary, Topographic/Aerial (UAV), Hydrographic, and Location Survey and LiDAR Scanning in accordance with Floridas Standards of Practice, as well as professional services for plat and sketches/legal descriptions preparation. This was a 154 acre boundary and topographic survey for HW and Palm Beach Countys Astros and Nationals joint Spring Training, a 13-field layout that includes areas for tournaments, corporate functions, concerts and festivals among other events. Fee: \$705,000		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Andrew L. Beckwith</b>	13. ROLE IN THIS CONTRACT FAA Licensed UAS Pilot	14. YEARS EXPERIENCE	
		a. TOTAL 4.8	b. WITH CURRENT FIRM 4.8
15. FIRM NAME AND LOCATION <i>(City and State)</i> Caulfield & Wheeler, Inc (7900 Glades Rd, Suite 100, Boca Raton, FL 33434)			
16. EDUCATION <i>(Degree AND Specialization)</i> Associates of Arts/AutoCAD I & II/Palm Beach State College/2020		17. CURRENT PROFESSIONAL REGISTRATION <i>(State AND Discipline)</i> United States/FAA Remote Pilot/4213193/2018	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Avenir Coconut Boulevard Extension Palm Palm Beach Gardens, FL		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Director of UAS Operations	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	FAU AD Henderson KHA Job #144649005	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Director of UAS Operations	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Lauderhill Goodrich Calcutta First Addition Lauderhill, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Caulfield & Wheeler, Inc. (CWI) was contracted by Lennar Homes. To provide professional surveying and mapping services for Azalea Isle. Our surveying team provided Aerial LiDAR, Photogrammetry, Drainage Improvements, Topographic Surveying and as-built utilities.HDS Scanner Field Crew	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Posnack Jewish Day School Davie, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Director of UAS Operations	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	SE Merritt Way - Jupiter Jupiter, FL	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Director of UAS Operations	<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Michael Vermeal</b>	13. ROLE IN THIS CONTRACT Land Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 32.4	b. WITH CURRENT FIRM 26.4
15. FIRM NAME AND LOCATION <i>(City and State)</i> Caulfield & Wheeler, Inc (7900 Glades Rd, Suite 100, Boca Raton, FL 33434)			
16. EDUCATION <i>(Degree AND Specialization)</i> General Liberal Arts (2 Years) Ocean Community College/2019  Survey I & II/Palm Beach Community College		17. CURRENT PROFESSIONAL REGISTRATION <i>(State AND Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Alton by Kolter Homes Palm Beach Gardens, Florida</b>	ongoing	ongoing
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Land Surveyor.</b> Caulfield & Wheeler Inc. was the Engineer and Land Survey Consultant for the 684 Acre, 1,400 Unit, Mixed Use Development. CWI worked closely with the Northern Palm Beach County Improvement District (NPBCID) as one of its units of Development. Fee: \$1,000,000+	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Arbor Parc aka Mediterranea CDD Riviera Beach, Florida</b>	ongoing	ongoing
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Land Surveyor.</b> Caulfield & Wheeler Inc. (CWI) is the district engineer for Arbor Parc and the Mediterranea Community Development District (CDD), which is responsible for the Water, Wastewater and Stormwater Systems for the entire 69 acre, 598 Unit Development in Riviera Beach, FL. Fee: \$625,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Avenir Community Development District Palm Beach Gardens, Florida</b>	ongoing	ongoing
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Land Surveyor.</b> Surveyor in charge of boundary and ALTA survey of a 4,763 acre parcel of land for platting and future land development. A portion of the land to be dedicated as conservation tracts which required sketch of descriptions for conveyance to South Florida Water Management District, along with additional right-of-way to be dedicated to Palm Beach County for Northlake Boulevard. Also prepared POD Plats, defined parcels, tracts, right-of-ways and easements. Fee: \$1,020,000+	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Donald Ross Road for Alton Palm Beach Gardens, Florida</b>	2017	2016
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Land Surveyor.</b> Construction of 4253 Linear Feet of roadway, pathway, electrical, lighting, irrigation, and landscape improvements for Donald Ross Rd, Heights Blvd, and Parkside Dr. for the Alton planned community development. Caulfield & Wheeler Inc., was contracted by J.W. Cheatham road building and earthmoving contractors to provide surveying and construction staking services. Fee: \$117,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>MLK Blvd (SW/NW 3rd Ave) Improvements, Project No. 10691-P Deerfield Beach, Florida</b>	2006	2005
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Land Surveyor.</b> Caulfield and Wheeler, Inc. was selected by the City of Deerfield Beach to act as the City Engineer, and one of the major projects completed included the design, permitting, administration, construction monitoring, and certification for the widening expansion of Martin Luther King Jr., Blvd, and Roadway Improvements for the four-lane divided City collector roadway. Fee: \$76,000	<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Stephen R. Alexandrich</b>	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 38.1	b. WITH CURRENT FIRM 28.1
15. FIRM NAME AND LOCATION <i>(City and State)</i> Caulfield & Wheeler, Inc (7900 Glades Rd, Suite 100, Boca Raton, FL 33434)			
16. EDUCATION <i>(Degree AND Specialization)</i> High School Graduate Numerous College Courses pertaining to Land Surveying AutoCAD Civil 3D Class		17. CURRENT PROFESSIONAL REGISTRATION <i>(State AND Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Alton by Kolter Homes Palm Beach Gardens, Florida</b>	ongoing	ongoing
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Project Manager.</b> Caulfield & Wheeler Inc. was the Engineer and Land Survey Consultant for the 684 Acre, 1,400 Unit, Mixed Use Development. CWI worked closely with the Northern Palm Beach County Improvement District (NPBCID) as one of its units of Development. Fee: \$1,000,000+	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Deerfield Beach Continuing Consulting Engineering Services Contract Deerfield Beach, Florida</b>	2006	N/A
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Project Manager.</b> Caulfield & Wheeler, Inc. is proud to have served the City of Deerfield Beach as a consulting engineer of record on numerous projects throughout the years of 2003-2006. CWI worked closely with the City Staff, Engineering Department, and various agencies to conduct a wide variety of engineering services for the City on multiple projects, including MLK Blvd Roadway Improvements. Total Fees: \$100,000+	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Ibis Golf and Country Club West Palm Beach, Florida</b>	ongoing	ongoing
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Project Manager.</b> Caulfield & Wheeler, Inc. was selected for the development of the 1,864 unit, 1,923 acre Ibis Golf & Country Club to complete preliminary planning, boundary and topographic surveys, and construction staking of the buildings and utilities. CWI also provided platting, civil engineering design, permitting and certification, landscape design, construction engineering inspection and monitoring, construction survey layout, and asbuilts for the 33 distinct communities. Fee: \$600,000+	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>St Andrews County Club Boca Raton, Florida</b>	2003	2017
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Project Manager.</b> Caulfield & Wheeler, Inc has been involved in a number of various projects throughout the club, including rehabbing of the roadways, water reclamation, golf course modifications, structure replacements, aquatic facility addition, lake bank remediation, rear entrance addition, privacy wall addition, and multiple projects involving individual lots. Fee: \$427,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Sunset Lakes Miramar, Florida</b>	2007	2004
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Project Manager.</b> Sunset Lakes is a 1,857 acre planned unit development located on Miramar Parkway, between SW 184 Avenue and SW 196 Avenue in Miramar, Florida. Soils, including blasting of extremely hard rock conditions, groundwater, and environmental considerations were major components in the design of the sanitary sewer, water distribution, stormwater management, and roadway systems for this project. Fee: \$514,000	<input checked="" type="checkbox"/> Check if project performed with current firm	



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Raymond D. Dowling</b>	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 23.5	b. WITH CURRENT FIRM 23.5
15. FIRM NAME AND LOCATION <i>(City and State)</i> Caulfield & Wheeler, Inc (7900 Glades Rd, Suite 100, Boca Raton, FL 33434)			
16. EDUCATION <i>(Degree AND Specialization)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(State AND Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager	2022	
<input checked="" type="checkbox"/> Check if project performed with current firm		
b. (1) TITLE AND LOCATION <i>(City and State)</i> Crestwood - H&J	2021	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager	<input checked="" type="checkbox"/> Check if project performed with current firm	
c. (1) TITLE AND LOCATION <i>(City and State)</i> Ft Laud Airport Runway 9R-27L	2016	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager	<input checked="" type="checkbox"/> Check if project performed with current firm	
d. (1) TITLE AND LOCATION <i>(City and State)</i> Lauderhill Goodrich Calcutta First Addition Lauderhill, FL	Ongoing	Ongoing
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Caulfield & Wheeler, Inc. (CWI) was contracted by Lennar Homes. To provide professional surveying and mapping services for Azalea Isle. Our surveying team provided Aerial LiDAR, Photogrammetry, Drainage Improvements, Topographic Surveying and as-built utilities. Professional Land Surveyor	<input checked="" type="checkbox"/> Check if project performed with current firm	
e. (1) TITLE AND LOCATION <i>(City and State)</i> Miami Dolphins Stadium Renovations Miami Gardens, FL	2017	
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager	<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Tom A. Pancoast</b>	13. ROLE IN THIS CONTRACT GIS Specialist & CADD Technician	14. YEARS EXPERIENCE	
		a. TOTAL 20.5	b. WITH CURRENT FIRM 20.5
15. FIRM NAME AND LOCATION <i>(City and State)</i> Caulfield & Wheeler, Inc (7900 Glades Rd, Suite 100, Boca Raton, FL 33434)			
16. EDUCATION <i>(Degree AND Specialization)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(State AND Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Avenir Community Development District Palm Beach Gardens, Florida	ongoing	ongoing
<input checked="" type="checkbox"/> Check if project performed with current firm Surveyor in charge of boundary and ALTA survey of a 4,763 acre parcel of land for platting and future land development. A portion of the land to be dedicated as conservation tracts which required sketch of descriptions for conveyance to South Florida Water Management District, along with additional right-of-way to be dedicated to Palm Beach County for Northlake Boulevard. Also prepared POD Plats, defined parcels, tracts, right-of-ways and easements. Fee: \$1,020,000+?GIS Specialist & CADD Technician		
b. (1) TITLE AND LOCATION <i>(City and State)</i> Ball Park of the Palm Beaches (6968-11)		
<input checked="" type="checkbox"/> Check if project performed with current firm (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Specialist		
c. (1) TITLE AND LOCATION <i>(City and State)</i> City of Sunrise-Pump Station 2 & 3	2017	
<input checked="" type="checkbox"/> Check if project performed with current firm (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Specialist		
d. (1) TITLE AND LOCATION <i>(City and State)</i> Deerfield Beach International Fishing Pier Renovation Deerfield Beach, Florida	2012	2012
<input checked="" type="checkbox"/> Check if project performed with current firm (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Caulfield & Wheeler, Inc. provided Civil Engineering, Planning, Landscape Architecture, Boundary & Topographic Surveying, Construction Layout, Cost Estimates, and Construction Engineering Inspection services for this Municipal Project. Fee: \$78,250.00 GIS Specialist & CADD Technician		
e. (1) TITLE AND LOCATION <i>(City and State)</i> Ft Laud Airport Runway 9R-27L	2016	
<input checked="" type="checkbox"/> Check if project performed with current firm (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Specialist		

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>1</b>
---	---

<b>21. TITLE AND LOCATION (City and State)</b> <b>Boynton Beach Eco Park</b> <b>Boynton Beach, FL</b>	<b>22. YEAR COMPLETED</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">PROFESSIONAL SERVICES</td> <td style="width:50%;">CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td style="text-align: center;">2023</td> <td></td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2023	
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>				
2023					

<b>23. PROJECT OWNER'S INFORMATION</b>		
--	--	--

<b>a. PROJECT OWNER</b> City of Boynton Beach	<b>b. POINT OF CONTACT NAME</b> Gary Dunmyer	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (561) 742-6231
--	---	---

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

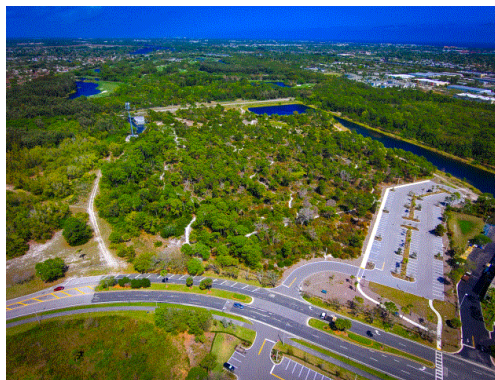
In 2019, Caulfield & Wheeler, Inc (CWI) was contracted by Fox Ridge Capital to provide Professional Surveying & Mapping services for the Boynton Beach Eco Park, including a Specific Purpose Survey that included topographic elevations on a 50 ft grid and cross sections of the canals and lakes. Improvements located included water/sewer valves, manholes, and catch basins along with inverts, pipe sizes, and materials. A Tree Survey was conducted to include all significant trees 3 inches in diameter or greater, or more than 12' in height. All permanent structures were located including buildings, dumpster enclosures, and fences/walls. All pavement areas were located including curbs, gutters, edge of pavement, and sidewalks. Later in 2019, Fox Ridge Capital re-contracted CWI to expand upon the specific purpose survey to include additional areas and to perform an ALTA/NSPS Land Title Survey on the West side of Quantum.



In 2023, CWI was contracted by the City of Boynton Beach under a Continuing Survey Services Contract to provide a Boundary, Topographic, and Tree Survey of the Eco Park site. CWI provided a Title Search Report, Wetland Delineation and Seasonal Water Table field marking & survey locates. CWI utilized aerial photogrammetry and terrestrial truck-mounted lidar to obtain elevations for a ground surface on a 50 ft grid including 20 ft outside of the boundary limits and full right of way.



Principal In Charge: David P. Lindley, P.L.S.  
 Project Manager: David P. Lindley, P.L.S.  
 Address: 13 Quantum Blvd, Boynton Beach, FL 33426  
 Email: DunmyerG@bbfl.us  
 Acres: 23  
 Fee: 49,890



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>		
--	--	--

<b>a. (1) FIRM NAME</b> Caulfield & Wheeler, Inc	<b>(2) FIRM LOCATION (City and State)</b> 7900 Glades Rd, Suite 100, Boca Raton, FL 33434	<b>(3) ROLE</b> Professional Surveyor & Mapper
---	--	---



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER <div style="text-align: center; font-size: 24pt; font-weight: bold;">2</div>
---	--

21. TITLE AND LOCATION <i>(City and State)</i> <b>SE Merritt Way - Jupiter</b> <b>Jupiter, FL</b>	22. YEAR COMPLETED <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">PROFESSIONAL SERVICES</td> <td style="padding: 2px;">CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td style="text-align: center; padding: 2px;">2021</td> <td style="padding: 2px;"></td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2021	
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>				
2021					

<b>23. PROJECT OWNER'S INFORMATION</b>
--

a. PROJECT OWNER Martin County Board of Commissioners	b. POINT OF CONTACT Thomas M. Walker, Jr., P.S.M.	c. POINT OF CONTACT TELEPHONE NUMBER (772) 288-5928
--	--	--

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Caulfield & Wheeler, Inc. (CWI) was recently awarded a three-year continuing contract to provide surveying, mapping, lidar & aerial photogrammetry services. For an ongoing Engineering project, Martin County requested Caulfield & Wheeler, Inc to provide a topographical survey of SE Merritt Way in Jupiter, FL, to supplement the as-builts needed to prepare design drawings. As a result, CWI dispatched GPS, mobile lidar, and our UAS Operations team to survey, scan, and orthophotograph the limits requested.



CWI provided driveway transitions, locations, elevations of driveways and edges of pavement, material of pavement; Drainage structures with invert elevations, pipe sizes, materials, Roadway elevations every 25 ft interval and across the R/W & minimum 10 feet beyond. Location of fences. All utilities overhead, above ground, and underground such as power, Tel, CA/TV, communication, water, sewer, drainage, gas ducts with sizes; Right-of-way determination, Finished Floor Elevations of houses.



CWI utilized MCBOCC Surveying Log for research of County Benchmarks, Utilities Locations, Stormwater Locations, Plats, etc. The MCBOCC requested a 3 to 4-week turnaround time. CWI provided deliverables within 2 weeks from receipt of purchase order, with no comments from the County Survey Department or the Design Team. Deliverables were provided via digital PDF, and hard copies via FedEx. Caulfield & Wheeler, Inc. looks forward to serving the BOCC and residents of Martin County for the next three years and beyond.

Principal In Charge: David P. Lindley  
 Project Manager: David P. Lindley  
 Address: 8427 SE Merritt Way, Jupiter, FL 33458  
 Email: [twalker@martin.fl.us](mailto:twalker@martin.fl.us)  
 Acres: 13.21  
 Fee: \$13,090



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>
--

(1) FIRM NAME a. Caulfield & Wheeler, Inc	(2) FIRM LOCATION <i>(City and State)</i> 7900 Glades Rd, Suite 100, Boca Raton, FL 33434	(3) ROLE Professional Land Surveyors, 3D Laser Scanning & UAS Operations
--	--	---



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER <h2 style="margin: 0;">3</h2>
---	---

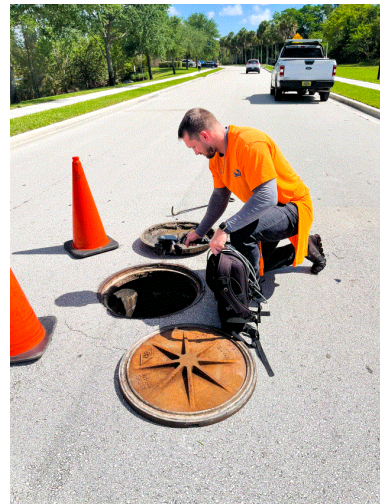
21. TITLE AND LOCATION <i>(City and State)</i> <b>Sabal Palm Park</b> <b>Tamarac, FL</b>	22. YEAR COMPLETED PROFESSIONAL SERVICES 2023
--	---

<b>23. PROJECT OWNER'S INFORMATION</b>
--

a. PROJECT OWNER City of Tamarac	b. POINT OF CONTACT NAME Ronald Stein	c. POINT OF CONTACT TELEPHONE NUMBER 954-597-3716
-------------------------------------	--	--

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Under a continuing services contract with the City of Tamarac, CWI was tasked with providing a Boundary, Topographic, and Tree survey in furtherance of a future park development funded by a \$1,000,000 grant from the Florida Department of Environmental Protection (FDEP). The Sabal Palm Park project will develop an eight-acre parcel of land off Commercial Blvd, adjacent to the Florida Turnpike, into a park with a splash pad, picnic shelters, covered fitness area, playground, and sports field. While the elements to be included in the park project have not been finalized, the grant might be used for the shaded playground with a safety surface, multi-purpose rectangular athletic field, picnic facilities, multi-purpose pathway, parking, restroom, security lighting, and native landscaping. CWI's 3D Laser Scanning Department conducted kinematic terrestrial lidar and traditional GPS surveying methods to obtain the topographic data required to produce the deliverables needed for future design plans.



Principal In Charge: David P. Lindley, PLS  
 Project Manager: Rhied White  
 Address: 4804 NW 56th Ct, Tamarac, FL 33319  
 Email: Ron.Stein@tamarac.org  
 Acres: 8  
 Fee: \$6,840.00



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>
--

a. (1) FIRM NAME Caulfield & Wheeler, Inc	(2) FIRM LOCATION <i>(City and State)</i> 7900 Glades Rd, Suite 100, Boca Raton, FL 33434	(3) ROLE Professional Surveyor and Mapper
--	--	--

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER <b style="font-size: 1.2em;">4</b>
---	--

21. TITLE AND LOCATION <i>(City and State)</i> <b>East Boynton Beach Little League Park</b> <b>Boynton Beach, FL</b>	22. YEAR COMPLETED PROFESSIONAL SERVICES <b>2023</b>
--	--

<b>23. PROJECT OWNER'S INFORMATION</b>		
--	--	--

a. PROJECT OWNER <b>City of Boynton Beach</b>	b. POINT OF CONTACT NAME <b>Gail Mootz</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>561-742-6223</b>
--	---	---

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Under a continuing service contact with the city of Boynton Beach, CWI was tasked with providing a boundary, topographic and tree survey of an approximately 12-acre parcel near the intersection of Woolbright Rd and I-95 to further the development of a private athletic training facility. CWI utilized terrestrial and aerial LiDAR to acquire topographic data, and traditional GPS surveying for the boundary and tree surveys. Aerial photogrammetry was used to produce a geo-referenced orthomosaic.

Principal In Charge: David P. Lindley P.L.S.  
 Project Manager: Rhied White  
 Address: 300 W Woolbright Rd, Boynton Beach, FL 33435  
 Email: Mootz@bbfl.us  
 Acres: 12  
 Fee: \$14,840



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>		
--	--	--

(1) FIRM NAME a. <b>Caulfield &amp; Wheeler, Inc</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>7900 Glades Rd, Suite 100, Boca Raton, FL 33434</b>	(3) ROLE <b>Professional Surveyor &amp; Mapper</b>
---	---	---



<p style="text-align: center;"><b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b>  <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i></p>	<p>20. EXAMPLE PROJECT KEY NUMBER <b>5</b></p>
--	--

<p>21. TITLE AND LOCATION <i>(City and State)</i>  <b>Clover Park aka First Data Field &amp; St Lucie Sports Complex - Port St. Lucie, FL</b></p>	<p>22. YEAR COMPLETED</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES 2020</td> <td style="width: 50%; padding: 2px;">CONSTRUCTION <i>(If applicable)</i> 2020</td> </tr> </table>	PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(If applicable)</i> 2020
PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(If applicable)</i> 2020		

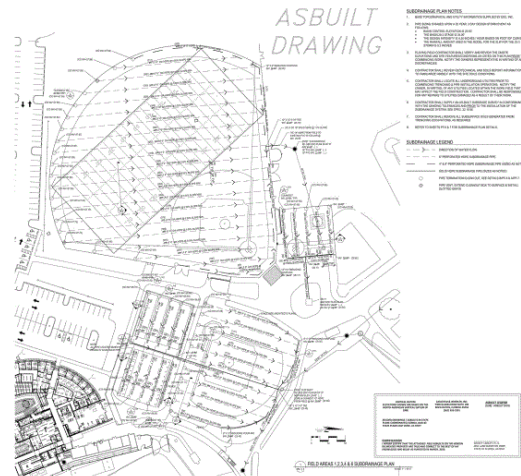
<b>23. PROJECT OWNER'S INFORMATION</b>		
--	--	--

<p>a. PROJECT OWNER LTG Sports Turf One, LLC</p>	<p>b. POINT OF CONTACT Brian Gillan</p>	<p>c. POINT OF CONTACT TELEPHONE NUMBER 561-225-1113</p>
--	---	--

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Caulfield & Wheeler, Inc. (CWI) was contracted to provide Professional Land Surveying services for the renovations of Clover Park aka First Data Field, which is owned by St. Lucie County. The renovations included new concessions, clubhouse, and additional outfield areas for spectators. CWI was tasked with providing calculations, layout, boundary verification, stakeouts, and asbuilts.

Location: 31 Piazza Dr, Port St. Lucie, FL 34986  
 Acres: 83  
 Fee: \$78,000



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>		
--	--	--

<p>a. (1) FIRM NAME Caulfield &amp; Wheeler, Inc</p>	<p>(2) FIRM LOCATION <i>(City and State)</i> 7900 Glades Rd, Suite 100, Boca Raton, FL 33434</p>	<p>(3) ROLE Professional Land Surveyor, Land Surveyor, CADD Technician</p>
--	--	--



<p style="text-align: center;"><b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b>  <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i></p>	<p>20. EXAMPLE PROJECT KEY NUMBER  <span style="font-size: 1.5em; font-weight: bold; text-align: center;">6</span></p>
--	--

<p>21. TITLE AND LOCATION <i>(City and State)</i>  <b>Avenir Community Development District          Palm Beach Gardens, FL</b></p>	<p>22. YEAR COMPLETED</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES <b>ongoing</b></td> <td style="width: 50%; padding: 2px;">CONSTRUCTION <i>(If applicable)</i> <b>ongoing</b></td> </tr> </table>	PROFESSIONAL SERVICES <b>ongoing</b>	CONSTRUCTION <i>(If applicable)</i> <b>ongoing</b>
PROFESSIONAL SERVICES <b>ongoing</b>	CONSTRUCTION <i>(If applicable)</i> <b>ongoing</b>		

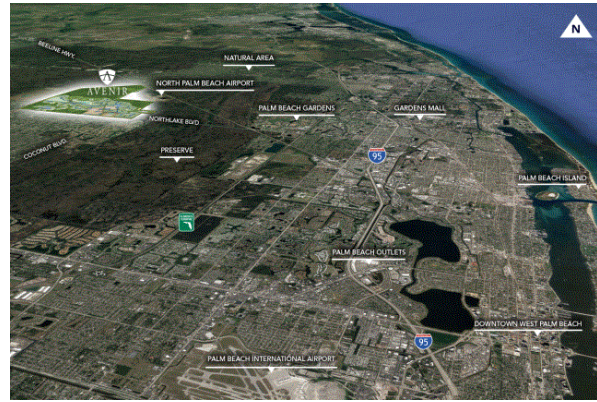
**23. PROJECT OWNER'S INFORMATION**

<p>a. PROJECT OWNER  <b>Avenir Community Development District</b></p>	<p>b. POINT OF CONTACT  <b>Mr. Manuel M. Mato</b></p>	<p>c. POINT OF CONTACT TELEPHONE NUMBER  <b>305-447-7494</b></p>
---	---	--

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Professional Surveyor and Mapper in charge of boundary and ALTA survey of a 4,763 acre parcel of land for platting and future land development. A portion of the land to be dedicated as conservation tracts which required sketch of descriptions for conveyance to South Florida Water Management District, along with additional right-of-way to be dedicated to Palm Beach County for Northlake Boulevard. Professional Surveyor and Mapper in charge of preparing POD Plats, defined parcels, tracts, right-of-ways and easements. Worked with site planner, project engineer and the city to define lots, open spaces, parks, lake tracts and easements. Professional Surveyor and Mapper in charge of boundary, topographic and ALTA survey for the proposed FPL substation. Services include review of current title commitment, establishing corners, site benchmarks, providing topographic elevations for a final design survey. Plans include 3,900 homes, 2 million square feet of office space, 400,000 square feet of retail space, an Avenir Town Center and a 300 room hotel.

Location: 12499 Northlake Blvd, Palm Beach Gardens, FL 33412  
 Email: mmato@waterstonebuilders.com  
 Acres: 4,763  
 Units: 3,900  
 Fee: \$1,000,000+



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<p>(1) FIRM NAME  <b>a. Caulfield &amp; Wheeler, Inc</b></p>	<p>(2) FIRM LOCATION <i>(City and State)</i>  <b>7900 Glades Rd, Suite 100          Boca Raton, FL 33434</b></p>	<p>(3) ROLE  <b>Professional Surveyor &amp; Mapper</b></p>
--	--	--



<p style="text-align: center;"><b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b>  <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i></p>	<p>20. EXAMPLE PROJECT KEY NUMBER  <b>7</b></p>
--	---

<p>21. TITLE AND LOCATION <i>(City and State)</i>  <b>Peacock Canal Relocation</b>  <b>Port St. Lucie, FL</b></p>	<p>22. YEAR COMPLETED  <b>2022</b></p>
<p>PROFESSIONAL SERVICES  <b>ongoing</b></p>	<p>CONSTRUCTION <i>(If applicable)</i>  <b>2022</b></p>

**23. PROJECT OWNER'S INFORMATION**

<p>a. PROJECT OWNER  <b>H &amp; J Contracting, Inc.</b></p>	<p>b. POINT OF CONTACT NAME  <b>William Dunn</b></p>	<p>c. POINT OF CONTACT TELEPHONE NUMBER  <b>561-699-4145</b></p>
---	--	--

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

CWI was contracted by H&J Contracting to provide Professional Surveying & Mapping services for the relocation of 3 linear miles of canal, in furtherance of a future residential development for Mattamy Homes. CWI provided boundary surveys, machine control, asbuilt surveys, construction layout, aerial lidar, photogrammetry, & survey calculations. Fee: \$28,745.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<p>(1) FIRM NAME  <b>a. Caulfield &amp; Wheeler, Inc</b></p>	<p>(2) FIRM LOCATION <i>(City and State)</i>  <b>7900 Glades Rd, Suite 100, Boca Raton, FL 33434</b></p>	<p>(3) ROLE  <b>Professional Surveyors &amp; Mappers</b></p>
--	--	--



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER <b>8</b>
---	--

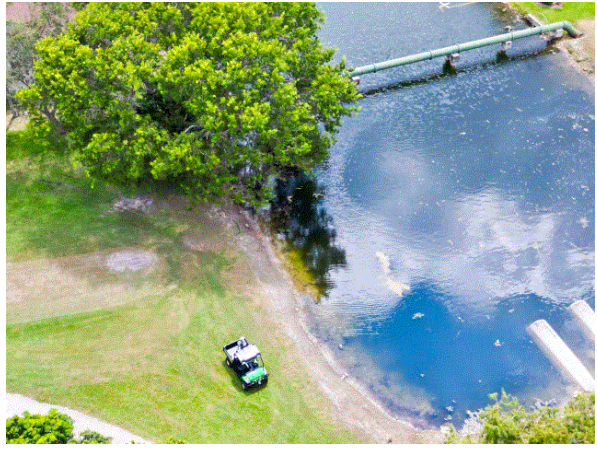
21. TITLE AND LOCATION <i>(City and State)</i> <b>NW 91st Avenue Golf Course Water Main Crossing of City Golf Course Tamarac, FL</b>	22. YEAR COMPLETED PROFESSIONAL SERVICES <b>2023</b>
---	--

<b>23. PROJECT OWNER'S INFORMATION</b>
--

a. PROJECT OWNER <b>City of Tamarac</b>	b. POINT OF CONTACT NAME <b>Mustafa Albassam, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(954) 597-3705</b>
--	---	---

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Under a continuing contract with the City of Tamarac, CWI was tasked with providing a specific purpose survey of an area within the City's Golf Course, where they intended to construct a Water Main. The survey included showing all above grounds features along with topographic spot elevations. CWI utilized GPS surveying, as well as terrestrial and kinematic lidar to accomplish the field work. Fee: \$3,825.00



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>
--

(1) FIRM NAME a. <b>Caulfield &amp; Wheeler, Inc</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>7900 Glades Rd, Suite 100, Boca Raton, FL 33434</b>	(3) ROLE <b>Professional Surveyor &amp; Mapper</b>
---	---	---



<p><b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b>  <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i></p>	<p>20. EXAMPLE PROJECT KEY NUMBER <b>9</b></p>
--	--

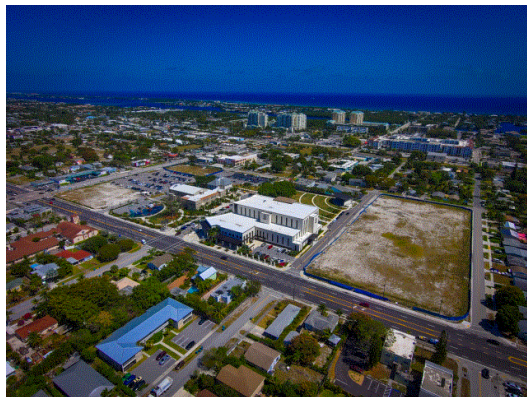
<p>21. TITLE AND LOCATION <i>(City and State)</i>  <b>Boynton Beach Town Square</b>  <b>Boynton Beach, FL</b></p>	<p>22. YEAR COMPLETED</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES <b>ongoing</b></td> <td style="width: 50%;">CONSTRUCTION <i>(If applicable)</i> <b>ongoing</b></td> </tr> </table>	PROFESSIONAL SERVICES <b>ongoing</b>	CONSTRUCTION <i>(If applicable)</i> <b>ongoing</b>
PROFESSIONAL SERVICES <b>ongoing</b>	CONSTRUCTION <i>(If applicable)</i> <b>ongoing</b>		

**23. PROJECT OWNER'S INFORMATION**

<p>a. PROJECT OWNER <b>Time Equities, Inc.</b></p>	<p>b. POINT OF CONTACT NAME <b>Mr. Robert Singer</b></p>	<p>c. POINT OF CONTACT TELEPHONE NUMBER <b>(212) 206-6097</b></p>
--	--	---

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

CWI has been contracted by multiple stakeholders to perform Professional Surveying & Mapping services for the Boynton Beach Town Square project. The Town Square project consists of: City Hall/Library building, Fire Station No.1, urban park space and amphitheater, streetscape and pedestrian improvements, adaptive-reuse of the historic Boynton Beach High School building into a cultural/convention/community center, District Energy Building, as well as private sector hotel and mixed-use structures with ground floor commercial and residential units located on the upper floors. CWI was contracted by E2L Real Estate Solutions to provide legal descriptions and an ALTA survey including GPR locations, plat preparation, & permanent reference monuments. CWI was later contracted by Kimley Horn to update a survey for Phase 1, and again by Kompan to provide calculations and construction layout of the playground area. CWI was later contracted by the replacement developers Time Equities to provide a boundary survey, plat calculations and research, and an ALTA survey. CWI's UAS Operations department provided an aerial orthomosaic for the ALTA survey. Time is proposing to build 933 apartments, 15,200 square feet of commercial space and 2,298 parking spaces, with 671 spaces set aside for Boynton Beach employees. Fee: \$76,792



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<p>a. (1) FIRM NAME <b>Caulfield &amp; Wheeler, Inc</b></p>	<p>(2) FIRM LOCATION <i>(City and State)</i> 7900 Glades Rd, Suite 100, Boca Raton, FL 33434</p>	<p>(3) ROLE Professional Surveyors &amp; Mappers</p>
---	--	--



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER <b>10</b>
---	---

21. TITLE AND LOCATION <i>(City and State)</i> <b>City Plat Review &amp; Survey Consulting Contract</b> <b>Delray Beach, Florida</b>	22. YEAR COMPLETED <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">PROFESSIONAL SERVICES</td> <td style="width:50%;">CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td style="text-align: center;"><b>2009</b></td> <td></td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	<b>2009</b>	
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>				
<b>2009</b>					

<b>23. PROJECT OWNER'S INFORMATION</b>
--

a. PROJECT OWNER <b>City of Delray Beach</b>	b. POINT OF CONTACT <b>Patrick Figurella, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>561-243-6220</b>
---	---	---

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

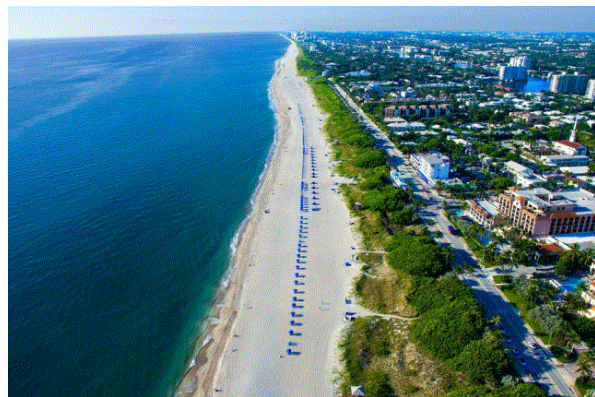
Caulfield & Wheeler, Inc. (CWI), was selected by the City of Delray Beach as one of their consulting survey and engineering firms to provide professional services on a continuing contract on an as needed basis. Services provided to the City of Delray Beach include plat review services for the purpose of plat approval by the City Commission. To date approximately fifty (50) plats have been reviewed and submitted for approval.

In addition CWI is providing topographic and routing survey services. CWI utilizes Real-Time Kinematic (RTK) GPS technology extensively for this type of data collection. GPS technology is utilized by CWI for high order, horizontal and vertical control establishment. Should RTK be utilized for topographic mapping the geoid-ellipsoidal modeling is conducted in and around the proposed mapping area.

Projects completed for this application include:

- Auburn Trace Utility
- E-4 Canal
- Sherwood Trace Traffic Calming
- Find Property on Federal Highway
- SW 1st / SW 3rd / SW 6th / SW 2nd Streets
- The Ugly Mug
- Georgia's Lime
- SW 6th St. Water Main Improvements
- North Lake Ida Way
- Northwest 16th Street
- Atlantic Avenue and A1A
- Block 32 Alley Improvements
- Crestwood Drive
- Master Beach Plan
- South County Courthouse
- Delray Sidewalks Topographic

Fee: \$100,000+



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>
--

(1) FIRM NAME <b>a. Caulfield &amp; Wheeler, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>7900 Glades Rd, Suite 100,</b> <b>Boca Raton, FL 33434</b>	(3) ROLE <b>Professional Surveyor &amp; Mapper</b>
--	---	---

## SECTION D KEY INDIVIDUAL

### G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
David P. Lindley, P.L.S.	Professional Land Surveyor	X	X	X	X	X	X	X	X	X	X
Jeffrey R. Wagner, P.L.S.,C.F.M.	Professional Land Surveyor					X	X			X	X
Owen M. Riggs, PSM	Professional Surveyor and Mapper					X	X				
Ronnie L. Furniss, P.S.M.	Professional Surveyor and Mapper					X	X				
Scott M. Pirtle, P.S.M.	Professional Surveyor and Mapper						X				
David E. Rohal, P.S.M.	Professional Surveyor and Mapper						X				
Edward J. Jones III, CST IV	Project Manager					X	X				
Rhied White	Geospatial Manager	X	X	X	X	X	X	X	X	X	
Andrew L. Beckwith	FAA Licensed UAS Pilot	X	X	X	X		X	X	X	X	
Michael Vermeal	Land Surveyor					X	X	X			
Stephen R. Alexandrich	Project Manager						X				
Raymond D. Dowling	Land Surveyor					X	X				
Tom A. Pancoast	GIS Specialist & CADD Technician						X				

### 29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NUMBER	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Boynton Beach Eco Park	6	Avenir Community Development District
2	SE Merritt Way - Jupiter	7	Peacock Canal Relocation
3	Sabal Palm Park	8	NW 91st Avenue Golf Course Water Main Crossing of City Golf Course
4	East Boynton Beach Little League Park	9	Boynton Beach Town Square
5	Clover Park aka First Data Field & St Lucie Sports Complex - Port St. Lucie, FL	10	Delray Beach Continuing Plat Review Consulting Contract



# ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

**RFQ 2023-0097**

## PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME <b>Caulfield &amp; Wheeler, Inc</b>			3. YEAR ESTABLISHED <b>1982</b>	4. UNIQUE ENTITY IDENTIFIER <b>M9J8UC9ENK16</b>
2b. STREET <b>7900 Glades Rd, Suite 100</b>			<b>5. OWNERSHIP</b>	
2c. CITY <b>Boca Raton</b>	2d. STATE <b>FL</b>	2e. ZIP <b>33434</b>		
6a. POINT OF CONTACT NAME AND TITLE <b>David P. Lindley, P.L.S. Senior Vice President</b>			a. TYPE <b>S Corporation</b>	
6b. TELEPHONE NUMBER <b>561-392-1991</b>			6c. E-MAIL ADDRESS <b>dave@cwiasoc.com</b>	
6a. POINT OF CONTACT NAME AND TITLE <b>David P. Lindley, P.L.S. Senior Vice President</b>			b. SMALL BUSINESS STATUS <b>Not Applicable</b>	
6b. TELEPHONE NUMBER <b>561-392-1991</b>			6c. E-MAIL ADDRESS <b>dave@cwiasoc.com</b>	

8a. FORMER FIRM NAME(S) (If any)	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	5	2	C16	Construction Surveying	4
08	CADD Technician	15	6	G03	Geodetic Surveying	2
38	Land Surveyor	7	1	H13	Hydrographic Surveying	1
38a	Field Land Surveyors	55	10	L02	Land Surveying	4
12	Civil Engineer	7	2	S10	Surveying; Mapping; Flood Plain	4
49	Remote Sensing Specialist	4	2	T04	Topographic Surveying	4
15	Construction Inspector	2	2	G04	Geographic Information System	2
28	Geodetic Surveyor	3	1	P05	Planning	2
60	Transportation Engineer	0	0	A02	Aerial Photogrammetry	1
47	Planner: Urban/Regional	2	2	C06	Churches	3
48	Project Manager	10	4	C10	Commercial Buildings	5
99	Other - FAA Licensed UAS Pilot	1	1	C11	Community Facilities	4
				D06	Orthophotography	1
				E02	Educational Facilities	4
				F02	Athletics	3
				G01	Garages	4
				Z01	Zoning; Land Use Studies	2
				G05	Geospatial: Scanning	4
				H06	Highrise	4
				H07	Highways; Streets;	4
				H11	Housing	6
<b>Total</b>		<b>111</b>	<b>33</b>	<b>I01</b>	<b>Industrial Buildings</b>	<b>5</b>

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	8	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million
c. Total Work	8	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million	10. \$50 million or greater
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million	10. \$50 million or greater	
		5. \$1 million to less than \$2 million			

## 12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE <b>09/19/23</b>
c. NAME AND TITLE <b>John F. Wheeler, P.E., President</b>	

## SECTION E: RITZEL MASON FIRM OVERVIEW



### Who we are:

Ritzel-Mason is a Palm Beach County based professional services company offering a wide range of survey and mapping solutions. We bring to the table a collective 55 years in employee experience. We are laser focused on asking the right questions, understanding the results and taking action to getting it right the first time.

Our mission is to use our combined experience and allocate the appropriate resources to provide the highest level of customer service through technical knowledge, hands on field experience, communication, responsiveness and dependable delivery.

Each of our assignments are tailored to the ultimate needs of our clients which allows us to allocate our resources and experience in such a way that confidently assures that Ritzel-Mason is the right choice to complete the project on time and on budget.

We specialize in most survey and mapping services, including but not limited to: subsurface utility engineering (SUE), topographic, boundary, right-of-way mapping, historic baseline establishment, drone photography, construction layout, laser scanning and conventional and GPS surveying.

### Specializing in Subsurface Utility Engineering (SUE):

Ritzel-Mason follows the industry recognized ASCE 38 – “Standard Guideline for the Collection and Depiction of Existing Underground Utility Data where quality levels are noted for all utilities investigated. We treat utility issues using engineering judgement, focusing attention to properly assess the potential utilities impacted on each project. We use the latest utility detection equipment including Ground Penetrating Radar (GPR), pipe and cable locators from Radio Detection and vacuum excavation equipment for soft dig test holes.

### Small Business Enterprise:

We are proud to be certified as an SBE for Palm Beach County (including CCNA certified), the City of West Palm Beach (WPB), South Florida Water Management District (SFWMD), Florida Department of Transportation (FDOT) and Broward Health.

### Directors:

Dennis Ritzel, PSM, EI has worked in the discipline of surveying and mapping since 1996. His extensive experience includes right-of-way mapping, control surveys, design surveys and sketch & legals. He is proficiency in the latest industry technology and software. Mr. Ritzel has been utilizing laser scanning equipment since 2005 and excels at all aspects of point cloud processing including full 3D modeling and corridor mapping. He has been involved with all aspects of subsurface utility engineering (SUE) since 2006 and is certified to plan and evaluate SUE processes. He is proficient in the use of unmanned aerial vehicles (UAV's) and is UAV certified to operate at a commercial level.

Clyde Mason II, PSM is an experienced Professional Surveyor and Mapper with more than a decade of experience, primarily in the South Florida area, providing right-of-way, control survey, subsurface utility engineering, and topographic design surveys. He is proficient in the latest industry technology and software. Mr. Mason is a skilled problem solver and has been involved with all aspects of subsurface utility engineering (SUE) and survey processes.

Mr. Ritzel and Mr. Mason's ability to establish strong working relationships with clients and co-workers and their commitment to consistently meet project budgets and schedules will be the key differentiators on your next project.

Ritzel-Mason, Inc.

5119 Beechwood Road  
Delray Beach, FL 33484

Phone: 786.472.0358

[www.ritzel-mason.com](http://www.ritzel-mason.com)

## SECTION E: RITZEL MASON PROFESSIONAL LICENSES

### BUSINESS LICENSE SURVEYING



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LB8265**  
Expiration Date February 28, 2025

#### Professional Surveyor and Mapper Business License Under the provisions of Chapter 472, Florida Statutes

RITZEL-MASON, INC.  
5119 BEECHWOOD RD  
DELRAY BEACH, FL 33484-1345

NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

### PERSONNEL LICENSE

#### DENNIS ALEXANDER RITZEL, P.S.M.



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS6953**  
Expiration Date February 28, 2025

#### Professional Surveyor and Mapper License Under the provisions of Chapter 472, Florida Statutes

DENNIS ALEXANDER RITZEL  
2087 RESTON CIR  
ROYAL PALM BEACH, FL 33411-6109

WILTON SIMPSON  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

### PERSONNEL LICENSE

#### CLYDE ROBIN MASON II P.S.M.



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS6905**  
Expiration Date February 28, 2025

#### Professional Surveyor and Mapper License Under the provisions of Chapter 472, Florida Statutes

CLYDE ROBIN MASON II  
5119 BEECHWOOD RD  
DELRAY BEACH, FL 33484-1345

NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



**Years' Experience**  
20

**Joined Ritzel-Mason**  
August 2018

**Education**  
BS / Geomatics  
Engineering / Florida  
Atlantic University / 2011

**Professional Registrations**  
PSM / 2012/ FL / #6905  
PS / 2013 / OH / #8601  
PLS / 2018 / NC / #5297

**Affiliations**  
Florida Surveying and  
Mapping Society  
  
Gold Coast Land Surveyors  
Council

[www.ritzel-mason.com](http://www.ritzel-mason.com)

## Clyde R Mason II, PSM

### Summary of Experience

Mr. Mason is an experienced Professional Surveyor and Mapper with more than a decade of experience, primarily in the South Florida area, providing right-of-way, control survey, subsurface utility engineering, and topographic design surveys. He is proficient in the latest industry technology and software including: 3D laser scanning, all forms of conventional and GPS survey equipment operation, AutoCAD Civil 3D, MicroStation SS4, Geopak, Carlson 2019, Trimble Business Center, Hector, Cyclone, ArcGIS, data processing, full 3D modeling and both Static and RTK GPS post processing. Mr. Mason is a skilled problem solver and has been involved with all aspects of subsurface utility engineering (SUE) and survey and mapping processes. His ability to establish strong working relationships with clients and co-workers and commitment to consistently meeting project budgets and schedules are highly beneficial to the Ritzel-Mason team.

### Significant Projects

**SR 5 / US Highway 1, George Bush Blvd. to Murano Bay**, Palm Beach County, FL., FDOT District 4, Project surveyor supported the engineer of record's design efforts for this 3R design project. The firm provided horizontal and vertical primary and secondary control utilizing static GPS, RTK GPS and total station methods. The historic baseline was re-established and approved by the FDOT District Surveyor. Aerial targets were set and the data was provided to the aerial mapping firm. Obscure and soft topographic data was also provided to the aerial mapping firm for merging. The firm was responsible for the survey of utility designates and locates by others. Existing rights-of-way were determined using readily available data and limited title search reports and submitted to the FDOT right-of-way department for review. Data was processed in MicroStation SS4 and submitted to FDOT.

**Flamingo Road from Griffin Rd to I-595**, Broward County, FL., FDOT District 4, Project surveyor for this 3.4-mile topographic survey for 3R and design project, Mr. Mason was responsible for all, project planning including field survey coordination, control retracement and establishment. In addition, Mr. Mason was responsible for the post processing of all field data and creating the surfaces necessary to combine with LAMP photogrammetric drawings to generate a final surface for the design engineer.

**I-595 Express Lanes P3**, Broward County, FL., FDOT District 4, Party chief supported the engineer of record's design efforts for this major design build. The firm was responsible for all SUE and topographic efforts. Data was processed in MicroStation SS4 and submitted to the engineer.

**Districtwide Miscellaneous Surveying and Mapping Contract C9J66**, Florida Department of Transportation, District 6, Miami-Dade County, FL. Project surveyor provided survey services for this task-work-order based contract that consisted of field design surveys, 3D bridge modelling, right-of-way control survey and mapping, historic baseline and monumentation for highway, bridge, signalization design, and other related work. Data was processed in MicroStation SS4 and submitted to FDOT.



**I-95 from Becker Rd to Midway Rd**, FDOT District 4, St. Lucie County, As the Project surveyor for this Overpass Topographic Surveying and Design project, Mr. Mason was responsible for all field survey activities and Control Survey Maps. In addition, Mr. Mason prepared a Design Survey for all four I-95 overpasses including DTM creation for new roadway design.

**Indrio Road**, St. Lucie County, FL., FDOT District 4, As the Project surveyor for this 3.2-mile Design Surveying project, Mr. Mason was responsible for all field survey activities and Control Survey Maps. In addition, Mr. Mason prepared a 3D DTM for the design engineers.

**Golden Glades Interchange**, Miami-Dade, FL, FDOT District 6, Miami-Dade County, Senior project surveyor for this Golden Glades Interchange redesign project, Mr. Mason was responsible for all field survey activities and Control Survey Maps. In addition, Mr. Mason prepared a 3D Design Survey for all bridge and flyover structures for accurate existing conditions for redesign.

**SR 710 / Beeline Highway from Northlake Boulevard to SR 708 / Blue Heron Blvd.**, Palm Beach County, FL., FDOT District 4, Senior project surveyor supported the engineer of record's design efforts for this roadway expansion design project. The firm provided SUE, design survey and utility coordination services including recovering and establishing secondary horizontal and vertical control, performed field work needed to prepare topographic mapping and a Digital Terrain Model (DTM), drainage structure location, terrestrial laser scanning, designated and mapped utilities and performed test holes as needed. Research included historic baseline, right-of-way and title searches. Data was processed in MicroStation SS4 and submitted to the engineer.

**AET Phase 4C – Dolphin Stadium Plaza**, Miami-Dade County, FL., Project surveyor for Florida's Turnpike Enterprise, provided survey support services for the improvement of the Dolphin Stadium ramp. Services included setting primary and secondary control, topography, drainage, utility designates, utility locates and geotechnical data collection. The data was merged with a previous survey and submitted to the client in a MicroStation SS4 format.

**Boynton Beach Blvd from NW 4<sup>th</sup> Ave to US Hwy 1, Palm Beach County, FL. FDOT, District 4.** Project manager that supported the engineer of record's design efforts for this RRR design project. The firm provided SUE and design survey services including recovering and establishing secondary horizontal and vertical control, performed field work needed to prepare topographic mapping and DTM, drainage mapping, designated and mapped utilities and performed test holes as needed.

**36<sup>th</sup> Street from Australian Ave to Flagler Dr, Palm Beach County, Palm Beach County, FL. FDOT, District 4.** Project manager that supported efforts for this RRR design project. The firm provided SUE and design survey services including recovering and establishing secondary horizontal and vertical control. Ritzel-Mason coordinated with the aerial firm for target establishment and obscure area topographic collection. Utility designates were performed throughout the project limits.





**Years' Experience**  
27

**Joined Ritzel-Mason Inc.**  
January 2019

**Education**  
BS / Geomatics  
Engineering / Florida  
Atlantic University / 2013  
AA / Palm Beach  
Community College / 2008

**Professional  
Registrations**  
PSM / 2013 / FL #6953  
Engineering Intern  
#1100022325

**Certifications**  
MOT Advanced  
NSPS CST IV#1102-1681  
Trenchless Technology  
Utility Investigation Cert.  
UAV part 107 #4167143  
Advanced Cyclone  
Certification 2006

**Affiliations**  
Florida Surveying and  
Mapping Society – Officer  
Gold Coast Surveying  
Council

[www.ritzel-mason.com](http://www.ritzel-mason.com)

## Dennis A Ritzel, PSM

### Summary of Experience

Mr. Ritzel has worked in the discipline of surveying and mapping since 1996. He began his career as a survey technician in Maryland and relocated to the South Florida area in 2002. His extensive experience includes right-of-way mapping, control surveys, design surveys and sketch & legals. His proficiency in the latest industry technology and software includes: TopoDOT, Carlson 2019, AutoCAD Civil 3D 2018, MicroStation v8i SS4, Geopak, CAiCE, Trimble Business Center, Trimble Total Control, Hector, Cyclone, ArcMap, GPS RTK, and Static network downloading and post processing. Mr. Ritzel has been utilizing laser scanning equipment since 2005 and excels at all aspects of point cloud processing including full 3D modeling and corridor mapping. He has been involved with all aspects of subsurface utility engineering (SUE) since 2006 and is certified to plan and evaluate SUE processes. He is proficient in the use of unmanned aerial vehicles (UAV's) and is UAV certified to operate at a commercial level. Mr. Ritzel's experience also includes two years as a project designer for various engineering design tasks such as hydraulic, hydrology, storm drainage, sediment control, and mining. Mr. Ritzel possesses highly effective problem solving and leadership skills. His ability to establish strong working relationships with clients and co-workers and his commitment to consistently meet project budgets and schedules are some key benefits to the Ritzel-Mason team.

### Significant Projects

**Districtwide Miscellaneous Surveying and Mapping Contract C9J66, Florida Department of Transportation**, District 6, Miami-Dade County, FL. Project manager provided survey services for this task-work-order based contract that consisted of field design surveys, 3D bridge modelling, right-of-way control survey and mapping, historic baseline and monumentation for highway design, bridge design, signalization design, and other related work. Data was processed in MicroStation SS4 and submitted to FDOT.

**Districtwide Miscellaneous Surveying and Mapping Contract C9907, Florida Department of Transportation**, District 4, Project manager provided survey services for this task-work-order based contract that consisted of field design surveys, laser scanning, right-of-way mapping activities, right-of-way control survey, SUE, historic baseline, parcel sketches, sketch and legals and monumentation for roadway design, bridge design, signalization design, and other related work. Data was processed in CAiCE, Geopak and MicroStation and submitted to FDOT.

**SR 710 / Beeline Highway from Northlake Boulevard to SR 708 / Blue Heron Blvd.**, Palm Beach County, FL., FDOT District 4, Project manager supported the engineer of record's design efforts for this roadway expansion design project. The firm provided SUE, design survey and utility coordination services including recovering and establishing secondary horizontal and vertical control, performed field work needed to prepare topographic mapping and a Digital Terrain Model (DTM), drainage structure location, terrestrial laser scanning, designated and mapped utilities and performed test holes as needed. Research included historic baseline, right-of-way and title searches. Data was processed in MicroStation SS4 and submitted to the engineer.

**SR 5 / US Highway 1, George Bush Blvd. to Murano Bay, Palm Beach County, FL.,** FDOT District 4, Project manager supported the engineer of record's design efforts for this 3R design project. The firm provided horizontal and vertical primary and secondary control utilizing static GPS, RTK GPS and total station methods. The historic baseline was re-established and approved by the FDOT District Surveyor. Aerial targets were set and the data was provided to the aerial mapping firm. Obscure and soft topographic data was also provided to the aerial mapping firm for merging. The firm was responsible for the survey of utility designates and locates by others. Existing rights-of-way were determined using readily available data and limited title search reports and submitted to the FDOT right-of-way department for review. Data was processed in MicroStation SS4 and submitted to FDOT.

**I-395 Interchange Design Build, Miami-Dade County, FDOT District 6, Project** manager supported the engineer of record's design efforts for this major design build. The firm was responsible for all SUE efforts including 90 miles of utility designates and 375 test holes as directed by the utility coordinator. The utility designating effort was quality controlled using MCGPR (multi-channel ground penetrating radar). The Project Manager was also responsible for obtaining lane closure permits with the City of Miami and coordinating with the MOT subcontractor.

**Districtwide Miscellaneous Surveying and Mapping Contract 08479, Florida Department of Transportation, FDOT District 4,** survey technician provided survey services for this task-work-order based contract that consisted of field design surveys, laser scanning, right-of-way mapping activities, right-of-way control, SUE, historic baseline, parcel sketches, sketch and legals and monumentation for roadway design, bridge design, signalization design, and other related work. Data was processed in CAICE, Geopak and MicroStation and submitted to FDOT via PEDDS.

**Miscellaneous Right of Way Mapping Services Contract C8Q27, Florida Department of Transportation, FDOT District 4, FL.** Survey technician assisted a work order contract to provide services to District Four which includes by not limited to establishing geodetic control, establish baselines or re-establish the historic baseline, boundary, right-of way and topographic surveys together with title searches and reviews all in support of the preparation of right-of-way control maps, right-of-way maps, parcel sketches, sketch and legals, maintenance maps all having quality assurance reviews. Other services included Title Search Plotting Maps, sketches, legal descriptions and the monumentation of right-of way corridors.

**Boynton Beach Blvd from NW 4<sup>th</sup> Ave to US Hwy 1, Palm Beach County, FL. FDOT, District 4.** Project manager that supported the engineer of record's design efforts for this RRR design project. The firm provided SUE and design survey services including recovering and establishing secondary horizontal and vertical control, performed field work needed to prepare topographic mapping and DTM, drainage mapping, designated and mapped utilities and performed test holes as needed.

**36<sup>th</sup> Street from Australian Ave to Flagler Dr, Palm Beach County, Palm Beach County, FL. FDOT, District 4.** Project manager that supported efforts for this RRR design project. The firm provided SUE and design survey services including recovering and establishing secondary horizontal and vertical control. Ritzel-Mason coordinated with the aerial firm for target establishment and obscure area topographic collection. Utility designates were performed throughout the project limits.

## SECTION E: WHIDDEN SURVEYING FIRM OVERVIEW



### HISTORY OF WSM

#### Whidden Surveying & Mapping

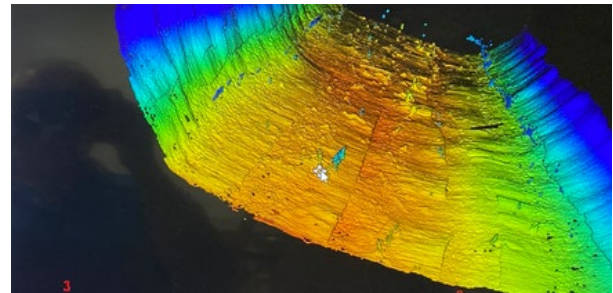
#### WSM, Inc. Background & History

Whidden Surveying and Mapping, Inc. (WSM) is a Florida Small Business corporation based in Royal Palm Beach, Florida. Founded in 2003, WSM is a progressive professional services firm authorized to provide surveying and mapping services in Florida. WSM is a full-service surveying and mapping firm that specializes in working in the Florida rural environment in providing various surveying services.

Thomas E. Whidden, P.S.M., founded Whidden Surveying & Mapping, Inc.(WSM), after his tenure as a Project Surveyor for the South Florida Water Management District in 2003.

Over the past 20 years WSM has assembled a diverse team of professionals to provide unparalleled survey services from its Primary office located in Royal Palm Beach, Florida and its satellite office located in Winter Garden. WSM has provided professional surveying & mapping services to both, the private and public sectors, including agencies such as, The U.S. Army Corps of Engineers, The South Florida Water Management District, Florida Inland Navigation District and the Florida Fish and Wildlife Service.

WSM continues to stay on the leading edge of technology, constantly investing in new equipment and software. The firm is equipped with the latest technology for conventional surveying as well as remote sensing. WSM brings a highly qualified team to each project, equipped with the latest in computer technology, both in the office, and in the field.



#### WSM Surveying & Mapping Services

WSM is particularly qualified to successfully complete any surveying and mapping assignment. We pride ourselves in the ability to provide services and technical expertise necessary to achieve economical solutions while remaining within budgeted guidelines.

The surveying staff consists of four professional land surveyors, four survey field crews, four survey technicians and two administrative assistants most of whom have received advanced degrees and certifications. The services required and anticipated under this contract are the CORE COMPETENCIES of the Whidden Surveying and Mapping team.

## SECTION E: WHIDDEN SURVEYING PROFESSIONAL LICENSES

**BUSINESS  
LICENSE**

**SURVEYING**



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LB7232**  
Expiration Date February 28, 2023

**Professional Surveyor and Mapper Business License**  
Under the provisions of Chapter 472, Florida Statutes

WHIDDEN SURVEYING & MAPPING  
9200 BELVEDERE RD STE 114  
ROYAL PALM BEACH, FL 33411-3632

*Nicole Fried*

NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

**PERSONNEL  
LICENSE**

**THOMAS E.  
WHIDDEN, P.S.M.**



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS6225**  
Expiration Date February 28, 2023

**Professional Surveyor and Mapper License**  
Under the provisions of Chapter 472, Florida Statutes

THOMAS EDWARD WHIDDEN  
9200 BELVEDERE RD STE 114  
ROYAL PALM BEACH, FL 33411-3632

*Nicole Fried*

NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

**PERSONNEL  
LICENSE**

**CHRISTOPHER J.  
LINDSTEDT, P.S.M.**



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS6372**  
Expiration Date February 28, 2023

**Professional Surveyor and Mapper License**  
Under the provisions of Chapter 472, Florida Statutes

CHRIS J LINDSTEDT  
15351 AMBERBEAM BLVD  
WINTER GARDEN, FL 34787-4630

*Nicole Fried*

NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



## SECTION E: WHIDDEN SURVEYING PROFESSIONAL LICENSES

### PERSONNEL LICENSE

DAVE IRWIN, PSM



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS6672**

Expiration Date February 28, 2025

### Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

DAVID J IRWIN  
4060 LAKEMONT RD  
MELBOURNE, FL 32934-7724

*Nicole Fried*

NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

### PERSONNEL LICENSE

JOHN B. SMITH, P.S.M.



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS7002**

Expiration Date February 28, 2023

### Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

JOHN B SMITH  
1727 E ELM RD  
LAKELAND, FL 33801-2323

*Nicole Fried*

NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



# THOMAS E. WHIDDEN, PSM

## P R E S I D E N T

### CONTACT

9200 Belvedere Rd. Suite 114  
Royal Palm Beach, FL 33411

Tom@Whiddensurveying.com

561-790-5515

www.whiddensurveying.com

linkedin.com/in/tom-whidden-4838862b

### EDUCATION

Land Surveying: Palm Beach State  
College, 1989

### REGISTRATION

FL, PSM, LS6225

### YEARS OF EXPERIENCE

Current Firm: 18  
Total: 35

### AFFILIATIONS

FSMS  
GoldCoast

### QUALIFICATIONS

Trimble Business Center 2021; UAS training on operating and processing aerial mapping data capture with multi rotor UAS (Cooper Aerial 2016 and 2017), AutoCAD Civil 3D training feature codes and auto line work. (Advanced CAD design 2021), Subsurface Training with MALA 2019 and Radiotecton 2018. Hydrographic Surveying Training on multibeam and side scan sonar integrated with mobile LiDAR top mounted to Survey vessel. (Measutronics 2020)



Tom Whidden began learning the survey and mapping industry at the age of 18. He worked as a rodman at Gee & Jenson while attending evening surveying classes. During his 13 years of employment with Gee & Jenson he learned all the fundamentals of surveying. During his six years of employment at the South Florida Water Management District, he obtained his Professional Surveyors license and was responsible for performing all types of surveying, including hydrographic, topographic and boundary surveys. His responsibilities included management of survey crews, analyzing survey data and assisting in the day-to-day operations of the survey department. For the past 18 years, Whidden has focused on building a successful, honest, reliable business. He has taken great strides to set up his business to be able to perform any surveying need that may arise.

### RELEVANT PROJECTS

#### Canal L31N & C- 111 Topographic & Hydrographic Survey, Miami-Dade County, FL

Fees: \$506,639.69

WSM prepared a multibeam hydrographic survey of approximately 45 linear miles of Canals utilizing a custom made 16-foot aluminum vessel retrofitted with the multibeam system. Woolpert was subcontracted to obtain aerial orthophotos as well as LiDAR. A digital terrain model was generated and delivered with no gaps between Lidar and Multibeam data.

#### C-51 Right of Way Boundary Survey, Palm Beach County, FL

Fees: \$72,956.76

This project consisted of two linear miles of the C-51 Right of Way from Cleary Road to LWDD Lateral 16. This project had a complicated South Right of Way line with gaps between recently platted lands. The Right of Way was established from historic data and record plats. WSM worked with the District's legal department to have the gap properties quit claimed to the District.

#### Canal 6 & 18 and Levee 29, Palm Beach & Miami-Dade Counties, FL

Fees: \$189,190.60

WSM coordinated field data collection efforts, data processing and general survey responsibilities. WSM performed as a subcontractor to Woolpert and provided the Multibeam Hydrographic data. A 30-degree wedge was utilized to ensure that there was no gap from Multibeam data to LiDAR data.

#### Ten Mile Creek Topographic Survey, St. Lucie County, FL

Fees: \$ 333,247.88

Project Manager for topographic survey including single beam, multibeam and conventional cross sections of a segment of Ten Mile Creek. Eight new control stations were established. WSM implemented the hydrographic survey system where applicable however the creek was too shallow in many areas and conventional topo and arial LiDAR was necessary to ensure complete conveyance capacity of the creek. Subconsultant, Woolpert, merged all of the data sets and prepared a final DTM for deliverable.

#### C-44 Storm Water Treatment Area, Martin County, FL

Fees: \$538,384.89

Served as a project manager through WSP for the SFWMD for Construction, Engineering and Inspection support. WSM collected topographic data as requested by the CM as a QC on the as- built effort and construction process.



# CHRISTOPHER J. LINDSTEDT, PSM

## PROJECT SURVEYOR

For the past 18 years, Christopher Lindstedt has focused his efforts on using the latest methods in Global Positioning Systems (GPS) to specialize in hydrographic surveying. His responsibilities as a registered Professional Surveyor and Mapper have included vector processing, network adjustment computations in conjunction with the Project Surveyor, and providing technical support for all GPS services, including Static, Fast-Static, RTK, and DGPS.


### CONTACT

 9200 Belvedere Rd. Suite 114  
Royal Palm Beach, FL 33411

 Chris@Whiddensurveying.com

 561-790-5515

 www.whiddensurveying.com

 <https://www.linkedin.com/in/chris-lindstedt-psm-9106b7a3/>

### EDUCATION

B.S. Surveying Geomatics University of Florida, 1998

### REGISTRATION

• FL, PSM, LS6372

### YEARS OF EXPERIENCE

Current Firm: 18  
Total: 32

### AFFILIATIONS

FSMS

### QUALIFICATIONS

Trimble Business Center Baseline Processing and Least Square Adjustments GPServ, Inc. (2020); GeoLab Least square Adjustment Training with Bitwise software (2012); HYPACK Multibeam; Single beam and Sidescan Sonar Training (2020); MicroStation Inroads training (2018); Subsurface Training 2020



### RELEVANT PROJECTS

#### Stormwater Treatment Area 1 West, Topographic Survey, Palm Beach County, FL

Fees: \$298,221.86

Served as Project Manager for this restoration and redesign project. WSM surveyed the STA on a 250' grid with cross sections on specific canals. Muck Probes were taken on a 1000' grid. This was an accelerated delivery project with final delivery within 90 days.

#### Lake Hicpochee Topographic Survey, Hendry County, FL

Fees: \$185,226.00

Served as Project Surveyor under a sub-consultant agreement with Burns & McDonnell to perform a topographic Survey of the Phase 2 Inflow Canal. The proposed inflow canal is being designed over an existing water supply canal for area farms. Conventional survey methods were employed due to the canal being overgrown.

#### Stormwater Treatment Area 1W Expansion No. 2, Palm Bch County, FL

Fees: \$504,663.73

Served as Project Manager responsible for preparing a Boundary and Topographic survey of approximately 3,600 acres of swamp land that will be restored to a component to the existing STA1W. WSM utilized ATV's, Airboats and a MarshMaster to negotiate the rugged terrain. Cross sections were taken on existing farm ditches, ground elevations were taken to truth out the LiDAR provided by Woolpert.

#### Lakeside Ranch TSA, Martin County, FL

Fees: \$100,000.00

Served as surveyor in responsible charge this CEI project in support of AECOM's effort to supply the SFWMD quality control. WSM was dispatched once per month to collect random spot elevations on levee tops, canal and cell floors and pipe inverts.

#### Bathymetric Surveys of C-25 Canal, St. Lucie County, FL

Fees: \$29,985.50

Served as Project Manager responsible for performing bathymetric survey of three linear miles of the C-25 Canal from Johnston Road to Structure 99. The sections were obtained with a dual frequency single beam sounder. Cross sections were prepared with the Corps of engineers stationing and design information superimposed.



## DAVE IRWIN, PSM

### PROJECT MANAGER

Mr. Irwin has 21 years of related survey experience with a strong background in Right-of-Way, mapping, boundary surveys, topographic surveys, geodetic control surveys, laser scanning and construction layout. Mr. Irwin has also worked as a consultant for many government entities, including the South Florida Water Management District, Florida Department of Transportation, Fish and Wildlife Commission, NASA, U.S. Forest Service, and U.S. Geological Survey.

### RELEVANT PROJECTS

#### Alapattah Ranch, Martin County, FL

Fees: \$ \$45,383.25

This project consisted of 600 acre Boundary Survey of a portion of Alapattah Ranch, located in western Martin County, Florida. The purpose of the survey was to establish the boundary of the SFWMD owned lands which were to be managed by the Fish & wildlife Commission and utilized as a hunting preserve. The boundary straddled two sections that were also surveyed, and certified corner records were filed with the state. Boundary signs were placed along the east line and concrete monuments placed at all corners.

#### Canal 15, Right of Way Mapping Project, Boynton Beach, FL

Fees: \$48,560.00

Served as Project Manager for this small but challenging Boundary Survey of a portion of the SFWMD Right of Way. Section lines and right of way lines were surveyed and established in this remote portion of Palm Beach County, Florida. An agreement line was established and monumented

#### Canal 51 (C-51) Right of Way Boundary Survey, Palm Beach County, FL

Fees: \$124,968.32

Coordinated field data collection efforts, data processing and general survey responsibilities. This was a complex Boundary Survey including platted lines, prescriptive lines and metes and bounds. This Right of Way begins at the eastern coast line of Palm Beach County, Florida and extends westerly to Lake Okeechobee.

#### Tamiami Trail Mapping Project, Miami-Dade County, FL

Fees: \$ 315,918.00


Project Manager for a Retracement Survey of the public Lands involving 24 sections within the Everglades National Park and Adjoining Landowners. Boundary Survey monumentation of the north line of Section 7 through 12 of Township 54 South, Range 37 and 38 East

#### C-38\_C01 Topographic Survey, Polk County, FL

Fees: \$12,995.50

Served as a project manager for this topographic survey for the design of a new project culvert. Utilities were designated and conventional cross sections were taken on the canal. A detailed topographic map was prepared identifying all improvements within the project

### CONTACT

 9200 Belvedere Rd. Suite 114  
Royal Palm Beach, FL 33411

 Dave@Whiddensurveying.com

 561-790-5515

 www.whiddensurveying.com

### EDUCATION

B.S. Geography - Florida State  
University, 1997

### REGISTRATION

FL, PSM, LS6672

### YEARS OF EXPERIENCE

Current Firm: 11  
Total: 30

### AFFILIATIONS

FSMS  
ESRI User Groups

### QUALIFICATIONS

Microstation/ Geopak Training (2020), Leica  
Laser Scanning Training (2020), Sensors &  
Software, Inc 3 days of intensive, informative  
instruction on Ground Penetrating Radar (GPR).







# JOHN SMITH, PSM

## FIELD OPERATIONS PARTY CHIEF

For the past 11 years, Mr. Smith has focused his efforts on using the latest methods in Global Positioning Systems (GPS) to specialize in hydrographic surveying. His responsibilities as a registered Professional Surveyor and Mapper have included vector processing, network adjustment computations in conjunction with the Project Surveyor, and providing technical support for all GPS services, including Static, Fast- Static, RTK, and DGPS.

### CONTACT

9200 Belvedere Rd, Suite 114  
Royal Palm Beach, FL 33411

John@Whiddensurveying.com

561-790-5515

www.whiddensurveying.com

### EDUCATION

B.S. in Geomatics- University of Florida,  
2007

### REGISTRATION

PSM, Florida, #LS7002

### YEARS OF EXPERIENCE

Current Firm: 11  
Total: 20

### AFFILIATIONS

FSMS  
Hypack Certified Hydrographer



### RELEVANT PROJECTS

#### C100A Boundary & Topographic Survey Miami-Dade County, FL

Fees: \$156,383.21

This project was performed for the South Florida Water Management District (SFWMD) and included the establishment of the Canal Right of Way for five miles, including location of all encroachments within the right of way and any improvements within ten feet of the boundary. Topographic features were obtained throughout the corridor including a side scan & multi-beam bathymetric survey of the canal in effort to determine undermining and shoaling areas. The deliverables to the SFWMD included a three-dimensional model of the corridor and a plan & profile Boundary & Topographic Survey.

#### Fish Eating Creek, Highlands County, FL

Fees: \$68,309.38

Served as Professional Surveyor in responsible charge under a sub-consultant agreement with AMEC. The project consisted of collecting topographic data along pre-defined transects in remote area utilizing an airboat and an amphibious vehicle (Marsh Master). The final deliverable consisted of a survey report accompanied by topographic data in ASCII format.

#### HHD Right of Way Boundary Survey Okeechobee County, FL

Fees: \$365,298.79

Coordinated field data collection efforts, data processing and general survey responsibilities. This was a complex Boundary Survey of 33 linear miles of the Herbert Hoover Dike along the North side of Lake Okeechobee which included platted lines, prescriptive lines and metes and bounds as well as section line retracement.

#### Kissimmee River, Boundary & Topographic Survey Glades County, FL

Fees: \$129,383.57

Served as surveyor in responsible charge of project consisting of a 2 separate 70 Acre Boundary & Topographic Surveys of a portion of the channelized Kissimmee River. Topographic features included roads, levees and oxbows from the historic riverbed.

#### USDA Well Sites, Broward County, FL

Fees: \$54,362.52

Served as a project manager for this task to supply the SFWMD with horizontal and vertical datum of 15 USDA Wells within the City of Ft. Lauderdale. Each had a benchmark which was occupied with a four-hour static session. Data was sent to OPUS and the values were supplied to the District.

## SECTION E: ZEMAN CONSULTING GROUP FIRM OVERVIEW

### Firm Capabilities



Zeman Consulting Group (ZCG) was envisioned by 4 Professional Land Surveyors that bring their vast survey experience into a client-focused arena of collaboration and problem-solving skills that deliver a superior product. We focus on the utilization of the latest in technology and trained staff that embrace the efficiency of these tools.

In March of 2021, ZCG opened and has continued to grow to meet our client's needs. Since our inception we have supported contracts with Palm Beach County, FDOT, SFWMD and a wide variety of public and private sector clients. Our capabilities and qualifications include the following:

#### Staffing:

- 20 Full-Time Staff with 4 Professional Surveyors and Mappers and 3 Survey Technicians
- 5-Field Crews (3-Survey Crews and 2 Subsurface Utility Engineering (SUE) Crews)
- AutoCAD Civil 3D and MicroStation / Open Roads Capabilities
- 4 UAS Pilots

#### Qualifications Include:

- FDOT Prequalified (SBE) in Survey Categories 8.1, 8.2, 8.3, and 8.4 including in-house mobile lidar capabilities.
- Palm Beach County (SBE) Qualified in Land Surveying, Engineering Surveying and Remote Sensing
- South Florida Water Management (SFWMD) Certified Small Business Enterprise prequalified in:
  - Survey & Mapping
  - Subsurface Utility Engineering (SUE)
  - 3D Laser Scanning

#### Key Services Provided:

- Boundary Surveys (ALTA)
- Topographic / Route Surveys
- Hydrographic Surveys
- Platting and Legal Descriptions
- Mobile LiDAR and Static Laser Scanning
- BIM Modeling and Digital Twins
- Subsurface Utility Engineering (SUE) EM and GPR
- Vacuum Excavation (Test Holes / Soft Digs)
- Underground Utility Mapping / Exhibits
- UAS Photogrammetry and Aerial LiDAR
- Right of Way Mapping and Monumentation

***Providing exceptional geospatial solutions that exceed our client's expectations through innovation, professionalism, collaboration, and exemplary client service.***

3970 RCA Boulevard Suite 7750 Palm Beach Gardens, FL 33410  
(561) 223-8035 | [www.zemangroup.com](http://www.zemangroup.com)

## SECTION E: ZEMAN CONSULTING GROUP PROF. LICENSES

**BUSINESS  
LICENSE**

**SURVEYING**



Detach Here



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LB8431**  
Expiration Date February 28, 2025

### Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

ZEMAN CONSULTING GROUP, LLC  
3970 RCA BOULEVARD, SUITE 7750  
PALM BEACH GARDENS, FL 33478-4780



NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

**PERSONNEL  
LICENSE**

**ERIC DETASSIS, PSM**



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS7277**  
Expiration Date February 28, 2025

### Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

ERIC C DETASSIS  
2102 CHADWICK CT  
BOYNTON BEACH, FL 33436-9043



WILTON SIMPSON  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

**PERSONNEL  
LICENSE**

**LEE POWERS, PSM**



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS7277**  
Expiration Date February 28, 2025

### Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

ERIC C DETASSIS  
2102 CHADWICK CT  
BOYNTON BEACH, FL 33436-9043



WILTON SIMPSON  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

# Eric Detassis, PSM



## Vice-President Project Surveyor



edetassis@zemangroup.com

### Years of Experience: 20

### Professional Registrations:

Florida Professional Surveyor and Mapper #7277

### Education:

Bachelor of Science in Industrial Engineering, Florida State University, 2000

### Professional Affiliations:

Florida Surveying & Mapping Society- Secretary 2021

### Certifications:

FDOT Maintenance of Traffic  
OSHA 10 Hour Construction  
Confined Space Entry

### Software Aptitude:

Trimble Business Center  
AutoCAD Civil 3D  
TopoDOT  
Faro Scene  
Leica Cyclone  
Leica Pegasus  
MicroStation / OpenRoads

Eric's primary duties consist of assisting in project management and production on topographic, horizontal, and vertical control, boundary/right-of-way, and static/aerial/terrestrial and mobile LiDAR projects. In addition, he processes and maps GPS, EFB, static and mobile LiDAR data and performs calculations using various CAD platforms. Mr. Detassis mentors field crews and office staff and is also a co-owner of Zeman Consulting Group. In addition to his day-to-day responsibilities, he serves as Secretary of the Florida Survey and Mapping Society, Palm Beach Chapter.

## Relevant Experience:

**FDOT District 1 – State Road 60, Polk County, Florida:** Mr. Powers served as a Senior Project Manager for the design survey for approximately 6 miles of State Road 60. Mobile LiDAR was utilized to capture all pavement data. The project tasks included horizontal and vertical control, right-of-way and baseline alignment, topographic survey, DTM, drainage survey, and subsurface utility designation.

**FDOT District 4- SR 76, Martin County, FL:** Mr. Detassis served as a Project Surveyor for this full-design topographic and control survey. This was a TWO under a Continuing Services contract for Minor Engineering Design. The project was for the design of a new turn lane that included cross sections, a digital terrain model (DTM), baseline recovery, and establishing horizontal and vertical control monumentation.

**South Florida Water Management District (SFWMD), Turkey Hammock, Okeechobee County, Florida:** Mr. Detassis served as Project Surveyor for a Boundary and Specific Purpose Survey that was used to delineate the District's interest and identify possible encroachments. Historic surveys were reviewed, and field crews located section corners and found monumentation to determine the boundary. This survey is part of an ongoing effort to post signage and address encroachments from adjacent property owners.

**South Florida Water Management District – Professional Survey Services Contract:** Mr. Detassis has had multiple responsibilities for these contracts for more than 12 years. He has served as Crew Chief, Project Surveyor, and Crew Supervisor. Mr. Detassis has completed over 42 projects for the District ranging from Blue-Booked Vertical Control (both conventional level and GPS methods) surveys, to county-wide GPS Control Surveys and large Boundary Surveys, Topographic Surveys, and Construction Layout and As-builts.

**Florida Power and Light Continuing Survey Services As Needed:** Mr. Detassis served as Project Surveyor and Crew Coordinator for this ongoing contract. Services include full Survey and Subsurface Utility Engineering (SUE) Services as an "On-Call Consultant". Typical projects include researching clients' legal interests (easements and rights of ways) and preparing CAD files as well as staking those lines in the field for both clearing and construction. These ongoing projects are typically in Broward and Palm Beach County, however, have included projects throughout Florida ranging from a single intersection to a 17-mile corridor. The services routinely performed under this ongoing contract are Boundary, Topographic, LiDAR Scanning, Easement plotting, sketch and legal descriptions, surveys for eminent domain takings, Subsurface Utility Engineering (SUE) Designating, Vacuum Excavation Holes (Soft-Digs), hydrographic surveys.

O: (561) 223-8069 - C: (561)-315-2186 - 3970 RCA Boulevard Suite 7750 Palm Beach Gardens, FL 33410



# Eric Detassis, PSM



**Homes for our Troops (HFOT) Boundary Surveys (Various Locations):** Mr. Detassis served as Project Surveyor providing full survey assistance for several potential homesites throughout the state. Typical work is to perform a detailed boundary and topographic survey for the acquisition and design of homes that are then donated to our Troops who have been wounded. Additional work performed has included document research, creating sketch and legal descriptions, locating wetlands, and working with attorneys to provide legal access to sites.

**South Florida Water Management District (SFWMD), CR 714 at C-23 Interconnect, Palm Beach County, Florida:** Mr. Detassis served as Subsurface Utility Engineering (SUE) Crew Coordinator responsible for utility designating of area for the design of a proposed bridge project. In addition, Vacuum Excavation Holes (VVH's) were performed at various locations to verify the pipe. All work met ASCI Quality Level "A" and "B" requirements.

**South Florida Water Management District (SFWMD), L-20 PC-03 at South Bay, Palm Beach County, Florida:** Mr. Detassis served as Subsurface Utility Engineering (SUE) Crew Coordinator responsible for utility designating of area for the design of the proposed bridge project. In addition, Vacuum Excavation Holes (VVH's) were performed at various locations to verify the pipe. All work met ASCI Quality Level "A" and "B" requirements.

**FDOT District 4 Districtwide Survey Contract, Broward, Indian River, Martin, Palm Beach, and St. Lucie County, FPID 423447-4-32-01:** Mr. Detassis served as a Project Surveyor for this General Services District Wide Contract. Typical project types included right-of-way recovery, stakeout of the existing right-of-way, control surveys, right-of-way mapping, boundary surveys, topographic surveys, Digital Terrain Modeling, and setting of aerial targets in support of aerial photogrammetry. This district-wide had over 81 task work orders.

**Lake Worth Drainage District (LWDD) Continuing Professional Services Contract:** Mr. Detassis was the Project Surveyor responsible for all field and office activities for the right of way mapping and right of way determination for staking. Preparation of Right of Way Mapping included a review of ownership deeds, easements, and agreements of LWDD and adjacent owners.

**FDOT District 4 Lake Ave and Lucerne Ave, Palm Beach County, Florida:** Mr. Detassis served as Project Surveyor for the milling and resurfacing of both roadways from A Street to west of the bridge over the Intracoastal, 2.0-miles within downtown Lake Worth. The project included horizontal and vertical control, right of way and baseline alignment, topographic survey, DTM, and subsurface utility designation. In addition, 20 Intersections were laser scanned and improvements were extracted from the point cloud as well as a DTM featuring elevations at a 5' grid.

**FDOT District 4 SR A1A in Fort Lauderdale, Broward County:** Mr. Detassis served as the project surveyor for this 6.3-mile control, design, right-of-way, and construction surveying project. The baseline of survey was recovered from the 17th Street Causeway to NE 20th Street. Significant scope was added to this TWO as a fast-track task in this project which included a topographic survey of the beach from Sunrise to NE 18th Street. The team was also required to perform the necessary utility locates. This topographic survey was an emergency project due to the beach erosion and collapse of SR A1A.

**FDOT District 4 Midway Road, St. Lucie County:** Mr. Detassis served as the assistant project surveyor for this 2.0- mile project. The alignment and existing right-of-way were recovered from west of S 25th Street to East of US-1. Primary and secondary control was established throughout the project limits to complete the topographic, DTM and drainage surveys. At the completion of the design survey, a right-of-way control map was created.

**FDOT District 4 I-95 in Indian River County from County Road 512 to Brevard County Line, Indian River County:** Mr. Detassis served as the Project Surveyor for this 4.0-mile Surveying and Mapping project, Mr. Detassis was responsible for all field survey activities, control survey maps and design surveys to support a planned RRR Project. This project required a detailed sectional and subdivision survey through rough scrub brush to recover original monuments for baseline and right-of-way determination. This survey also required an extensive control survey to support the topographic survey and aerial photogrammetry that was combined into a single DTM.

---

O: (561) 223-8069 - C: (561)-315-2186 - 3970 RCA Boulevard Suite 7750 Palm Beach Gardens, FL 33410

## Vice-President Sr. Project Surveyor



lpowers@zemangroup.com

**Years of Experience: 18**

### Professional Registrations:

Florida Professional Surveyor and Mapper #6805

### Education:

BS of Land Surveying & Geomatics Engineering, Purdue University, West Lafayette, Indiana 2005

### Professional Affiliations:

Florida Society of Professional Surveyors & Mappers  
(Palm Beach County Chapter  
President July 2021-Present Palm Beach County Chapter Vice President 2019-2021)

### Software Aptitude:

MicroStation \ Open Roads  
Trimble Business Center  
AutoCAD Civil 3D  
TopoDOT  
ArcGIS  
Cloudworx  
CAiCE Visual Transportation  
Electronic Field Book  
GeoPAK  
Hector Vector FDOT GPS Processing  
Leica Cyclone

Lee Powers has worked as a Land Surveyor in South Florida since 2005 and earned his licensure in 2010. Lee has spent the last 18 years producing Boundary (both acreage and coastal), topographic and geodetic surveys, recovering rights-of-way, and preparing right-of-way maps and plats for both public and private sector clients. Lee also mentors staff with LiDAR point cloud extraction and laser scanning techniques. He has a proven record of meeting schedules and budgets while exceeding client's expectations. Lee currently serves as a Senior Survey Project Manager and Co-Owner/Vice President of Zeman Consulting Group. In addition to his day-to-day responsibilities, he serves as President of the Florida Survey and Mapping Society, Palm Beach Chapter.

### Relevant Experience:

**FDOT District 1 – State Road 60, Polk County, Florida:** Mr. Powers served as a Senior Project Manager for the design survey for approximately 6 miles of State Road 60. Mobile LiDAR was utilized to capture all pavement data. The project tasks included horizontal and vertical control, right-of-way and baseline alignment, topographic survey, DTM, drainage survey, and subsurface utility designation.

**FDOT District 4 Districtwide Survey Contract, Broward, Indian River, Martin, Palm Beach, and St. Lucie County:** Mr. Powers served as Project Surveyor for this General Services District Wide Contract. Typical project tasks included right-of-way recovery, stakeout of the existing right-of-way, control surveys, right-of-way mapping, boundary surveys, topographic surveys, digital terrain modeling and setting of aerial targets in support of aerial photogrammetry. Over 81 task work orders were performed in support of this contract.

**South Florida Water Management District (SFWMD), Turkey Hammock, Okeechobee County, Florida:** Mr. Powers served as Project Manager for a Boundary and Specific Purpose Survey that was used to delineate the District's interest and identify possible encroachments. Historic surveys were reviewed, and field crews located section corners and found monumentation to determine the boundary. This survey is part of an ongoing effort to post signage and address encroachments from adjacent property owners.

**South Florida Water Management District – Professional Survey Services Contract:** Mr. Powers has had multiple responsibilities for these contracts for more than 16 years. He has served as Project Surveyor, Project Manager, and Chief Surveyor. Mr. Powers completed over 50 projects for the District ranging from Blue-Booked Vertical Control (both conventional level and GPS methods) surveys, to county-wide GPS Control Surveys and large Boundary Surveys, Topographic Surveys, and Construction Layout and As-builts.

**Homes for our Troops (HFOT) Boundary Surveys (Various Locations):** Mr. Powers served as Project Manager providing full survey assistance for several potential homesites throughout the state. Typical work is to perform a detailed boundary and topographic survey for the acquisition and design of homes that are then donated to our Troops who have been wounded. Additional work performed has included document research, creating sketch and legal descriptions, locating wetlands, and working with attorneys to provide legal access to sites.

O: (561) 223-8039 - C: (561)-629-3923 - 3970 RCA Boulevard Suite 7750 Palm Beach Gardens, FL 33410

**Florida Power and Light Continuing Survey Services As Needed:** Mr. Powers served as Sr. Project Surveyor for this ongoing contract. Services include full Survey and Subsurface Utility Engineering (SUE) Services as an "On-Call Consultant". Typical projects include researching clients' legal interests (easements and rights of ways) and preparing CAD files as well as staking those lines in the field for both clearing and construction. These ongoing projects are typically in Broward and Palm Beach County, however, have included projects throughout Florida ranging from a single intersection to a 17-mile corridor. The services routinely performed under this ongoing contract are Boundary, Topographic, LiDAR Scanning, Easement plotting, sketch and legal descriptions, surveys for eminent domain takings, Subsurface Utility Engineering (SUE) Designating, Vacuum Excavation Holes (Soft-Digs), hydrographic surveys.

**Lake Worth Drainage District (LWDD) Continuing Professional Services Contract:** Mr. Powers served as Project Surveyor providing support for right of way mapping and right of way determination for staking. Preparation of Right of Way Mapping included a review of ownership deeds, easements, and agreements of LWDD and adjacent owners.

**South Florida Water Management District (SFWMD), L-20 PC-03 at South Bay, Palm Beach County, Florida:** Mr. Powers served as Subsurface Utility Engineering (SUE) QA/QC Manager responsible for utility designating of area for the design of the proposed bridge project. In addition, Vacuum Excavation Holes (VVH's) were performed at various locations to verify the pipe. All work met ASCI Quality Level "A" and "B" requirements.

**South Florida Water Management District (SFWMD), CR 714 at C-23 Interconnect, Palm Beach County, Florida:** Mr. Powers served as Subsurface Utility Engineering (SUE) QA/QC Manager responsible for utility designating of area for the design of a proposed bridge project. In addition, Vacuum Excavation Holes (VVH's) were performed at various locations to verify the pipe. All work met ASCI Quality Level "A" and "B" requirements.

**FDOT District 4 I-95 in Indian River County from County Road 512 to Brevard County Line, Indian River County:** As the Project Surveyor for this 4.0-mile surveying and mapping project, Mr. Powers was responsible for all field survey activities, control survey maps and design surveys to support a planned RRR Project. This project required a detailed sectional and subdivision survey through the rough scrub brush to recover original monuments for baseline and right-of-way determination. This survey also required an extensive control survey to support the topographic survey and aerial photogrammetry that was combined into a single DTM.

**FDOT District 4 County Road 68/Orange Avenue, St. Lucie:** Mr. Powers served as the project surveyor in support of the design-portion of the 5.8-mile project from Grave Road to Kings Highway. New primary and secondary control points were set per FDOT District IV guidelines as needed to support the survey and construction needs of the project. This project included developing the historical baseline of survey as well as numerous cross-sections to support this shoulder redesign project. The team was also required to perform the necessary utility locates.

**FDOT District 4 State Road 814 / Atlantic Boulevard, Broward:** Mr. Powers served as the Project Surveyor on this 1.0-mile control survey and right-of-way mapping project including baseline and right-of-way determination along this township line roadway. Lee was the signing surveyor of the right-of-way control surveys. He planned the GPS sessions and oversaw the technicians in the processing of the primary and secondary survey data and performed calculations for the right-of-way map, reviewed title searches for the length of the corridor and supervised the technicians who completed the final drafting.

**FDOT District 4 State Road 816 / Oakland Park Blvd, Broward: HDR Engineering Prime, State Road 816 (Oakland Park Blvd), from NW 30th Ave to Interstate 95.** Mr. Powers served as Project Surveyor on this 1.83-mile Topographic Drainage Survey including Cross Sections at 500-foot intervals, DTM at intersections for Mast Arms and Drainage As-Builts. The team was also required to perform the necessary utility locates. Survey baseline and right-of-way were provided by the District.

**FDOT District 4 SR A1A in Fort Lauderdale, Broward County:** Mr. Powers served as the project surveyor for this 6.3-mile control, design, right-of-way and construction surveying project. The baseline of survey was recovered from the 17th Street Causeway to NE 20th Street. Significant scope was added to this TWO as a fast-track task in this project which included a topographic survey of the beach from Sunrise to NE 18th Street.

---

O: (561) 223-8039 - C: (561)-629-3923 - 3970 RCA Boulevard Suite 7750 Palm Beach Gardens, FL 33410

---

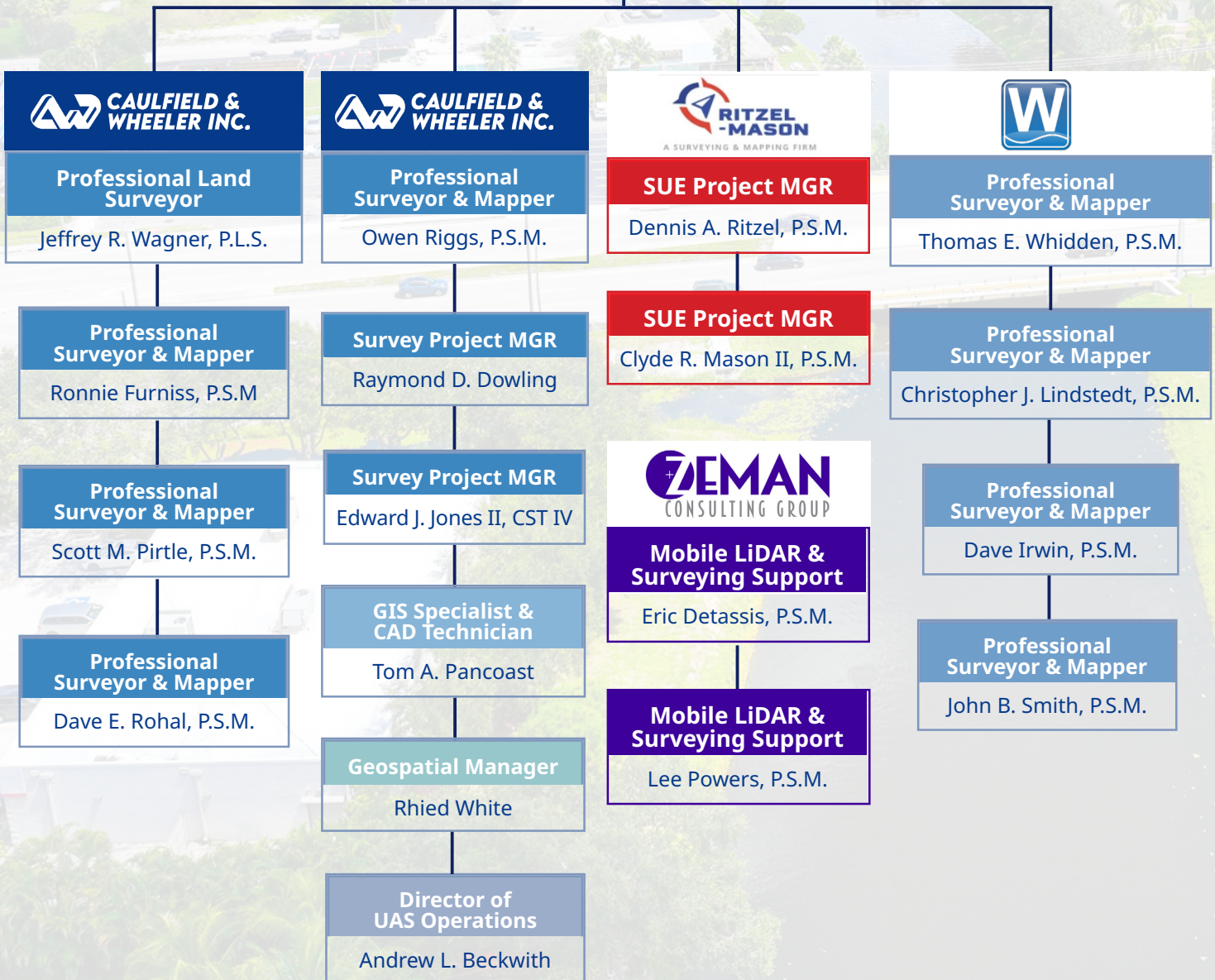


# SECTION F: ORG CHART



**Principal in Charge**

**David P. Lindley, P.L.S.**  
Sr. Vice President  
Director of Surveying





## SECTION F: KEY PERSONNEL AVAILABILITY



TEAM MEMBER	ROLE	PERCENTAGE AVAILABLE	
DAVID P. LINDLEY., P.L.S.	PRINCIPAL IN CHARGE	60%	
JEFFREY R. WAGNER, P.L.S.,CFM	PROFESSIONAL LAND SURVEYOR, CFM	60%	
RONNIE FURNISS, P.S.M.	PROFESSIONAL SURVEYOR & MAPPER	70%	
SCOTT PIRTLE, P.S.M.	PROFESSIONAL SURVEYOR & MAPPER	70%	
DAVE ROHAL, P.S.M.	PROFESSIONAL SURVEYOR & MAPPER	70%	
OWEN RIGGS, P.S.M.	PROFESSIONAL SURVEYOR & MAPPER	70%	
RAYMOND D.DOWLING	SURVEY PROJECT MANAGER	70%	
EDWARD J.JONES II, CST IV	SURVEY PROJECT MANAGER	70%	
RHIED WHITE	GEOSPATIAL MANAGER	70%	
STEPHEN R. ALEXANDRICH	SURVEY PROJECT MANAGER	70%	
TOM A. PANCOAST	GIS SPECIALIST & CAD TECHNICIAN	70%	
ANDREW L. BECKWITH	DIRECTOR OF UAS OPERATIONS	70%	



TEAM MEMBER	ROLE	PERCENTAGE AVAILABLE	
CLYDE R. MASON II., P.S.M	SUE PROJECT MANAGER	70%	
DENNIS A. RITZEL, P.S.M	SUE PROJECT MANAGER	70%	



TEAM MEMBER	ROLE	PERCENTAGE AVAILABLE	
THOMAS E. WHIDDEN, P.S.M.	Professional Surveyor & Mapper	70%	
CHRISTOPHER J. LINDSTEDT, P.S.M.	Professional Surveyor & Mapper	70%	
DAVE IRWIN, P.S.M.	Professional Surveyor & Mapper	70%	
JOHN B. SMITH, P.S.M.	Professional Surveyor & Mapper	70%	



TEAM MEMBER	ROLE	PERCENTAGE AVAILABLE	
ERIC DETASSIS., P.S.M	SUE PROJECT MANAGER	70%	
LEE POWERS, P.S.M	SUE PROJECT MANAGER	70%	

## SECTION F: OFFICE LOCATIONS

### Caulfield & Wheeler, Inc.

#### Port St Lucie Office (Prime)

240 NW Peacock Blvd, Suite 201,  
Port St Lucie, Florida 34986

Phone: (772) 408-1920

Fax: (772) 408-1925

#### Boca Raton Office (HQ)

David P. Lindley, P.L.S.

7900 Glades Rd, Suite 100,  
Boca Raton, FL 3343

Phone: (561) 392-1991

Fax: (561) 750-1452

dave@cwiasoc.com

#### Ritzel Mason

Dennis Ritzel, P.S.M.

5119 Beechwood Rd,  
Delray Beach, FL 33484

Phone: (786) 472-0358

Dennis@ritzelmason.com

#### Whidden Surveying & Mapping, Inc

Thomas E. Whidden, P.S.M.

9200 Belvedere Rd Ste 114,  
Royal Palm Beach, FL 33411

Phone: (561) 790-5515

Tom@whiddensurveying.com

#### ZEMAN CONSULTING GROUP

Derek Zeman P.S.M.

3970 RCA Boulevard Suite 7750  
Palm Beach Gardens, FL 33410

Phone: (561) 223-8035

dzeman@zemangroup.com





# TAB 2

## METHODOLOGY & APPROACH





## METHODOLOGY & APPROACH



### *Understanding the Project*

At the heart of our approach lies a deep comprehension of the project's significance. We recognize that the Surveying and Mapping Services Program is vital for ongoing capital improvement projects. Through in-depth consultations with stakeholders, we will gain insights into the program's specific goals, timelines, and challenges, allowing us to tailor our approach to their unique needs.

Caulfield & Wheeler's approach to the City of Port St. Lucie's Continuing Contracts for Surveying and Mapping Services Program is rooted in a thorough understanding of the project's objectives, challenges, and the City of Port St. Lucie's vision for the future. Our comprehensive methodology integrates cutting-edge technology, expert collaboration, and a commitment to accuracy to ensure the successful execution of this critical initiative.



[Telaro at Southern Grove, Port St. Lucie, FL]



## METHODOLOGY & APPROACH

### METHODOLOGY

*Our methodology is built upon three foundational pillars: Data Collection, Precision Analysis, and Collaborative Reporting.*

**Data Collection:** *We will employ state-of-the-art surveying technologies, including LiDAR, high-precision GPS, and UAS Operations, to capture detailed data about the project site and surrounding areas. This accurate data will be the cornerstone of informed decision-making and effective surveying strategies.*

**Precision Analysis:** *Our experts will utilize advanced geospatial software to process and analyse the collected data. This will include generating digital elevation models, hydrological analyses, and land cover assessments. The precision of our analysis will facilitate the identification of areas requiring additional research and quality control.*

**Collaborative Reporting:** *Regular communication and collaboration with the City of Port St. Lucie and other stakeholders will be integral to our methodology. We will provide accessible, real-time data through our Project Management platform, enabling stakeholders to visualize project progress and make informed decisions. Our collaborative reporting will foster transparency and streamline decision-making processes.*



[LWDD Headquarters, Delray Beach, FL]

### Adaptive Flexibility

We understand that no project is without its challenges. Our methodology is designed to be adaptable and flexible in the face of unexpected hurdles. Regular project reviews and risk assessments will allow us to proactively address any issues, ensuring that the project stays on track and aligned with its objectives.

In conclusion, the team of Caulfield & Wheeler, Ritzel Mason, Whidden Surveying & Mapping and Zeman Consulting Group's approach and methodology for the Continuing Contracts for Survey & Mapping Services revolves around a deep understanding of the project's significance and challenges. By harnessing advanced technology, precision analysis, and collaborative reporting, we are confident in our ability to provide the The City of Port St. Lucie with the accurate, actionable data needed to make informed decisions and ensure the long-term success for engineering and capital improvement projects.

## MANAGEMENT CAPABILITY

### AVAILABILITY

CWI guarantees that key personnel will be available to the extent proposed for the duration of the project, and acknowledging that no person designated as “key” to the project shall be removed or replaced without the prior written concurrence of the City.



### BUDGETARY REQUIREMENTS

CWI is extremely proud to provide quality surveying and mapping for municipal clients, including timely deliverables, consistent communication, and transparent oversight.

The team understands the needs of the City, including the requirements that project goals be completed accurately, and under budget whenever possible. CWI utilizes the Deltek Ajera accounting software to provide Project Managers, the City, and stakeholders with accurate budgetary and schedule reporting, both labor and expenses, keeping the Client’s vision in sight. Individual job cost ledgers are maintained by each project to support direct costs as accumulated in the general ledger. All tasks and subsidiary job costs are reconciled on a regular basis with the general ledger, and time and expense reports are utilized in the separation of direct and indirect costs.

Project Managers have the ability to access our Project Management system at all times, giving them the critical information they need to deliver on project goals, produce reports, and monitor time, expenses, budgets, and schedules whenever needed. CWI has

never been in any unethical business practices and has no disclosures to submit whereas; (i) any circumstance whereby any professional conduct of the Firm or any of its employees is currently being investigated judicially or by an administrative agency or qualification board and (ii) any prior adverse decision or settlement relating to a violation of ethical standards by our Firm or one of its employees.

### MOBILIZATION

CWI has been providing professional consulting services to governmental agencies and private industry for 41 years. Much of this experience has been directly under similar CCNA work order contracts. Through this extensive range of experience we have developed strict standards and procedures for cost control, quality of work and maintaining compliance with performance schedules. We pride ourselves with our ability to produce only the highest quality of work well within time schedules and cost budgets.

CWI is willing to begin work for the City immediately upon acceptance of the agreement. CWI is prepared to fulfil the contract requirements in an on-going manner, and continue work for the City on an as-needed basis if requested.

***Caulfield & Wheeler, Inc. (CWI), will oversee and manage all work orders within the City’s contract. The Principal-In-Charge will initiate all work order incoming to CWI through a discovery call or meeting with City’s Project Managers, to accurately understand the tasks required, scheduling demands, and effort needed to complete the deliverable. CWI will also include any sub-consultants working on the specific task order in any future meetings, to guarantee a successful project completion.***

***CWI can cover every area within the City’s boundary, and is comprised to provide adequate services overlap to facilitate multiple projects simultaneously in different regions. CWI Principals and Project Managers will report directly to the City’s Managers and Stakeholders with weekly project reports, invoice submittal and Quality Control reports. Caulfield & Wheeler, Inc, looks forward to serving the needs of the City and it’s residents with pride, integrity, and professional service***



## QUALITY ASSURANCE & CONTROL

***Caulfield & Wheeler is dedicated to maintaining the highest standards of Quality Assurance (QA) and Quality Control (QC) throughout the execution of the City of Port St. Lucie's Surveying and Mapping Services contract in alignment with the City's goals for accuracy, reliability, and project success.***

### Quality Assurance

Our commitment to QA begins with a meticulous project planning phase, where we establish a comprehensive QA plan that outlines the specific processes, procedures, and methodologies to ensure accuracy and consistency. This plan will be developed in collaboration with the City of Port St. Lucie to address their unique project requirements. As part of our QA efforts, we will designate experienced QA professionals who will oversee the entire surveying process. They will be responsible for conducting regular audits, reviews, and evaluations of the data collection, processing, and analysis procedures. These experts will ensure that all activities adhere to industry best practices, regulatory standards, and the specifications outlined in the RFP.



*Pioneer Rd Commercial Construction Inspector*

### Continuous Improvement

We understand that QA and QC are not static processes but require ongoing monitoring and improvement. Throughout the project's duration, we will maintain an open line of communication with the City of Port St. Lucie to address any concerns promptly and implement corrective actions if needed. Lessons learned and feedback received during the project will be integrated into our future QA/QC strategies, enhancing our ability to deliver increasingly reliable and accurate results.

In conclusion, Caulfield & Wheeler's dedication to implementing a comprehensive QA/QC framework underscores our commitment to delivering accurate, reliable, and high-quality surveying services for the Continuing Contracts for Survey & Mapping Services Program. Our proactive approach to QA/QC will ensure that the project outcomes align with the City of Port St. Lucie's objectives, contributing to the success and sustainability of future capital improvement projects.

### QUALITY CONTROL

Project Managers will review and modify the Work Plan on a weekly basis to:

- Identify activities that have been completed during the previous week and update the Work Plan to show they are finished.
- Determine whether there are any other activities that should be completed, which are still outstanding.
- Work with the individual(s) who are assigned to a specific task and allocate or align resources to meet specific task objectives.

# TAB 3

*CERTIFIED MINORITY BUSINESS ENTERPRISE*





## S/M/W/DBE STATUS

*CWI is not a S/M/D/WBE, however we strive to utilize subcontractors who are certified Small Business Enterprises.  
Ritzel Mason is a certified SBE.*



A SURVEYING & MAPPING FIRM

**Palm Beach County  
Office of Equal Business Opportunity**

Certifies That

**Ritzel Mason, Inc.**

Vendor # **VS0000011925**

*is a Small Business Enterprise (SBE) as prescribed by section 2-80.21 - 2.80.30 of  
the Palm Beach County Code for a three year period from  
April 10, 2022 to April 09, 2025*

The following services and/or products are covered under this certification:  
**Mapping Services, Digitized, Cartography; Surveyor Services, Land; Utility Locator Service  
(Underground)**



Allen Gray, Manager  
03/09/2022



**Palm Beach County Board of County Commissioners**

Robert S. Weinroth, Mayor  
Gregg K. Weiss, Vice Mayor  
Maria G. Marino  
Dave Kerner  
Maria Sachs  
Melissa McKinlay  
Mack Bernard

**County Administrator**  
Verdenia C. Baker



## WHIDDEN SURVEYING & MAPPING SBE CERTIFICATION

*CWI is not a S/M/D/WBE, however we strive to utilize subcontractors who are certified Small Business Enterprises.  
Whidden Surveying & Mapping Inc., is a certified SBE.*



**Palm Beach County  
Office of Equal Business Opportunity**

Certifies That

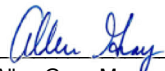
**Whidden Surveying & Mapping, Inc.**

Vendor # **VC0000121793**

*is a Small Business Enterprise (SBE) as prescribed by section 2-80.21 - 2.80.30 of  
the Palm Beach County Code for a three year period from  
**March 05, 2021 to March 04, 2024***

The following services and/or products are covered under this certification:

**Mapping & Geographical Information Systems (GIS) Services; Surveyor Services, Land**

  
Allen Gray, Manager  
01/11/2021



Palm Beach County Board of County Commissioners

Dave Kerner, Mayor  
Robert S. Weinroth, Vice Mayor  
Maria G. Marino  
Gregg K. Weiss  
Maria Sachs  
Melissa McKinlay  
Mack Bernard

County Administrator  
Verdenia C. Baker

## ZEMAN CONSULTIGN GROUP SBE CERTIFICATION

*CWI is not a S/M/D/WBE, however we strive to utilize subcontractors who are certified Small Business Enterprises. Zeman Consulting Group., is a certified SBE.*



**Palm Beach County  
Office of Equal Business Opportunity**

Certifies That

**Zeman Consulting Group, LLC**

**Vendor # VS0000020202**

*is a Small Business Enterprise (SBE) as prescribed by section 2-80.21 - 2.80.30 of  
the Palm Beach County Code for a three year period from  
September 16, 2021 to September 15, 2024*

The following services and/or products are covered under this certification:

**Geographic Information Systems (GIS); Mapping & Geographical Information Systems (GIS)  
Services; Surveyor Services, Land; Utility Locator Service (Underground)**

  
Allen Gray, Manager  
09/16/2021



Palm Beach County Board of County Commissioners

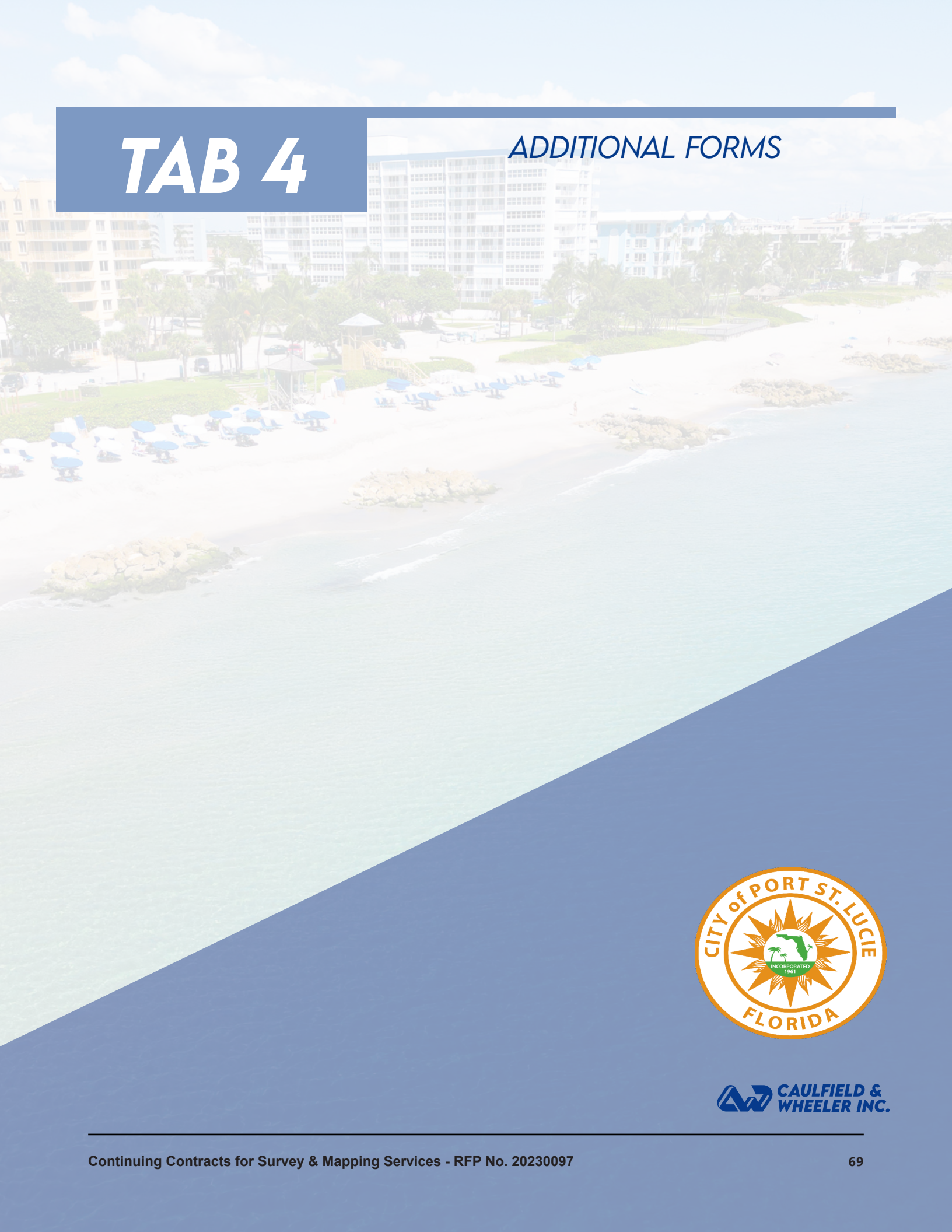
Dave Kerner, Mayor  
Robert S. Weinroth, Vice Mayor  
Maria G. Marino  
Gregg K. Weiss  
Maria Sachs  
Melissa McKinlay  
Mack Bernard

County Administrator  
Verdenia C. Baker



# TAB 4

# ADDITIONAL FORMS





# CONSULTANT'S GENERAL INFORMATION WORK SHEET

ATTACHMENT B - E-RFP #20230097

## CONSULTANT'S GENERAL INFORMATION WORK SHEET E-RFP #20230097

It is understood and agreed that the following information is to be used by the City to determine the qualifications of prospective Consultant to perform the work required. The Consultant waives any claim against the City that might arise with respect to any decision concerning the qualifications of the Consultant.

The undersigned attests to the truth and accuracy of all statements made on this questionnaire. Also, the undersigned hereby authorizes any public official, Engineer, Surety, bank, material or equipment manufacturer, or distributor, or any person, firm or corporation to furnish the City any pertinent information requested by the City deemed necessary to verify the information on this questionnaire.

Dated at 7900 Glades Rd, Ste 100, Boca Raton, FL 33434, this 6th day of Sept., 2023  
(Location)

Name of Organization/Consultant: Caulfield & Wheeler, Inc.

By: David P. Lindley, P.L.S., Senior Vice President  
Name and Title

1. Corporation, Partnership, Joint Venture, Individual or other? Corporation

2. Firm's name and main office address, telephone, and fax numbers

Name: Caulfield & Wheeler, Inc.

Address: 7900 Glades Rd, Ste 100, Boca Raton, FL 33434

Telephone Number: 561-392-1991

Fax Number: 561-750-1452

3. Contact person: David P. Lindley, P.L.S. Email: dave@cwiasoc.com

4. Firm's previous names (if any). N/A

5. **ADDENDUM ACKNOWLEDGMENT** - Bidder acknowledges that the following addenda have been received and are included in its proposal/bid:

Addendum Number	Date Issued	Addendum Number	Date Issued
Addendum 1	September 14, 2023		

6. List any lawsuits pending or completed within the past five (5) years involving the corporation, partnership or individuals with more than ten percent (10 %) interest:

ATTACHMENT B - E-RFP #20230097

CWI has no pending legal matters at this time. CWI was party to two lawsuits in 2018, which were both settled through mediation in 2021 (50-2018-CA-013438) & 2022 (50-2019-CA-012603).

(N/A is not an acceptable answer - insert lines if needed)

7. **List any judgments from lawsuits in the last five (5) years:**  
There have been no judgements against CWI in the past 5 years.

(N/A is not an acceptable answer - insert lines if needed)

8. **List any criminal violations and/or convictions of the Proposer and/or any of its principals:**  
There have been no criminal violations or convictions of the proposer.

(N/A is not an acceptable answer - insert lines if needed)



Signature



Title

## CONE OF SILENCE FORM

### NOTICE TO ALL PROPOSERS

**To ensure fair consideration is given for all Proposers, it must be clearly understood that upon release of the proposal and during the proposal process, firms and their employees of related companies as well as paid or unpaid personnel acting on their behalf shall not contact or participate in any type of contact with City employees, department heads or elected officials, up to and including the Mayor and City Council. The "Cone of Silence" is in effect for this solicitation from the date the solicitation is advertised on DemandStar, until the time an award decision has been approved by City Council and fully executed by all parties. Information about the Cone of Silence can be found under the [City of Port St. Lucie Ordinance 20-15, Section 35.13](#). Contact with anyone other than the Issuing Officer may result in the vendor being disqualified. All contact must be coordinated through Ms. Robyn Holder, Issuing Officer, for the procurement of these services.**

All questions regarding this Solicitation are to be submitted in writing to Robyn Holder, Procurement Manager with the Procurement Management Department via e-mail [rholder@cityofpsl.com](mailto:rholder@cityofpsl.com), or by phone 772-344-4293. Please reference the Solicitation number on all correspondence to the City.

All questions, comments and requests for clarification must reference the Solicitation number on all correspondence to the City. Any oral communications shall be considered unofficial and non-binding.

Only written responses to written communication shall be considered official and binding upon the City. The City reserves the right, at its sole discretion, to determine appropriate and adequate responses to the written comments, questions, and requests for clarification.

**\*NOTE:** All addendums and/or any other correspondence before bid close date (general information, question and responses) to this solicitation will be made available exclusively through the [DemandStar's Website](#) for retrieval. All notice of intent to award documentation will be published on the [City Clerk's Website](#). Proposers are solely responsible for frequently checking these websites for updates to this solicitation.

**I understand and shall fully comply with all requirements of City of Port. St. Lucie Ordinance 20-15, Section 35.13.**

Typed Name: David P. Lindley, P.L.S.

Signed: \_\_\_\_\_

Company and Job Title: Caulfield & Wheeler, Inc., Senior Vice President

Date: 09-06-2023





## CONSULTANT'S CODE OF ETHICS

ATTACHMENT B - E-RFP #20230097



"A City for All Ages"

### CONSULTANT'S CODE OF ETHICS

The City of Port St Lucie ("City), through its Procurement Management Department ("Procurement Management Department") is committed to a procurement process that fosters fair and open competition, is conducted under the highest ethical standards and enjoys the complete confidence of the public. To achieve these purposes, Procurement Management Department requires each vendor who seeks to do business with the City to subscribe to this Consultant's Code of Ethics.

- ◆ A Consultant's bid or proposal will be competitive, consistent and appropriate to the bid documents.
- ◆ A Consultant will not discuss or consult with other Vendors intending to bid on the same contract or similar City contract for the purpose of limiting competition. A Vendor will not make any attempt to induce any individual or entity to submit or not submit a bid or proposal.
- ◆ Consultant will not disclose the terms of its bids or proposal, directly or indirectly, to any other competing Vendor prior to the bid or proposal closing date.
- ◆ Consultant will completely perform any contract awarded to it at the contracted price pursuant to the terms set forth in the contract.
- ◆ Consultant will submit timely, accurate and appropriate invoices for goods and/or services actually performed under the contract.
- ◆ Consultant will not offer or give any gift, item or service of value, directly or indirectly, to a City employee, City official, employee family member or other vendor contracted by the City.
- ◆ Consultant will not cause, influence or attempt to cause or influence, any City employee or City Official, which might tend to impair his/her objectivity or independence of judgment; or to use, or attempt to use, his/her official position to secure any unwarranted privileges or advantages for that Vendor or for any other person.
- ◆ Consultant will disclose to the City any direct or indirect personal interests a City employee or City official holds as it relates to a Vendor contracted by the City.
- ◆ Consultant must comply with all applicable laws, codes or regulations of the countries, states and localities in which they operate. This includes, but is not limited to, laws and regulations relating to environmental, occupational health and safety, and labor practices. In addition, Consultant

must require their suppliers (including temporary labor agencies) to do the same. Consultant must conform their practices to any published standards for their industry. Compliance with laws, regulations and practices include, but are not limited to the following:

- Obtaining and maintaining all required environmental permits. Further, Consultant will endeavor to minimize natural resource consumption through conservation, recycling and substitution methods.
- Providing workers with a safe working environment, which includes identifying and evaluating workplace risks and establishing processes for which employee can report health and safety incidents, as well as providing adequate safety training.
- Providing workers with an environment free of discrimination, harassment and abuse, which includes establishing a written antidiscrimination and anti-bullying/harassment policy, as well as clearly noticed policies pertaining to forced labor, child labor, wage and hours, and freedom of association.

Name of Organization/Proposer Caulfield & Wheeler, Inc.

Signature \_\_\_\_\_

Printed Name and Title David P. Lindley, P.L.S., Senior Vice President

Date 09-06-2023

DISCLAIMER: This Code of Ethics is intended as a reference and procedural guide to Consultants. The information it contains should not be interpreted to supersede any law or regulation, nor does it supersede the applicable Consultant contract. In the case of any discrepancies between it and the law, regulation(s) and/or Consultant contract, the law, regulatory provision(s) and/or vendor contract shall prevail.

# E-VERIFY FORM

ATTACHMENT B - E-RFP #20230097

## E-Verify Form

### Contractor acknowledges and agrees to the following:

1. Shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Supplier/Consultant during the term of the contract; and
2. Shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

**E-Verify Company Identification Number** 1621885

**Date of Authorization** 12/30/2020

**Name of Contractor** Caulfield & Wheeler, Inc.

**Name of Project** Continuing Contracts for Survey & Mapping Services

**Solicitation Number (If Applicable)** 20230097

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on September 6, 2023 in Loxley Station (city), FL (state).

  
\_\_\_\_\_  
Signature of Authorized Officer

David P. Lindley, P.L.S.  
\_\_\_\_\_  
Printed Name and Title of Authorized Officer or Agent

### SUBSCRIBED AND SWORN BEFORE ME

ON THIS THE 6<sup>th</sup> DAY OF September, 2023

NOTARY PUBLIC Joanne L. Derderian

My Commission Expires: 7/18/2027



JOANNE L. DERDERIAN  
Notary Public  
State of Florida  
Comm# HH377322  
Expires 7/18/2027



## NON-COLLUSION AFFIDAVIT

### NON-COLLUSION AFFIDAVIT

State of Florida

County of Palm Beach }

David P. Lindley, P.L.S., being first duly sworn, disposes and says that:

(Name/s)

1. They are Senior Vice President of Caulfield & Wheeler, Inc. the Proposer that  
(Title) (Name of Company)

has submitted the attached PROPOSAL;

2. He is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such PROPOSAL;

3. Such Proposal is genuine and is not a collusive or sham Proposal;

4. Neither the said Proposer nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Proposer, firm or person to submit a collusive or sham Proposal in connection with the contract for which the attached proposal has been submitted or to refrain from proposing in connection with such Contract or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer, firm or person to fix the price or prices in the attached Proposal or of any other Proposer, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Port St. Lucie or any person interested in the proposed Contract; and

5. The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(Signed)  \_\_\_\_\_

(Title) Senior Vice President & Director of Surveying



## DRUG FREE CERTIFICATION

ATTACHMENT B - E-RFP #20230097

### DRUG-FREE WORKPLACE FORM

The undersigned Contractor in accordance with Florida Statute 287.087 hereby certifies that  
Caulfield & Wheeler, Inc. does:  
(Name of Business)

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

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

  
\_\_\_\_\_  
Bidder's Signature

09-06-2023

\_\_\_\_\_  
Date:



# VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES

ATTACHMENT B - E-RFP #20230097

## VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES' LISTS

Vendor Name:	Caulfield & Wheeler, Inc.
Vendor FEIN:	59-2227059
Authorized Representative's Name:	David P. Lindley, P.L.S.
Authorized Representative's Title:	Senior Vice President & Director of Surveying
Address:	7900 Glades Rd, Ste 100
City, State and Zip Code:	Boca Raton, FL 33434
Phone Number:	561-392-1991
Email Address:	dave@cwiasoc.com

Sections 287.135 and 215.473, Florida Statutes, prohibit Florida municipalities from contracting with companies, for goods or services over \$1,000,000 that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or to engage in any Business operations with Cuba or Syria. Sections 287.135 and 215.4725 also prohibit Florida municipalities from contracting with companies, for goods or services in any amount that are on the list of Scrutinized Companies that Boycott Israel.

The list of "Scrutinized Companies" is created pursuant to Section 215.473, Florida Statutes. A copy of the current list of "Scrutinized Companies" can be found at the following link:  
<https://www.sbafla.com/fsb/FundsWeManage/FRSPensionPlan/GlobalGovernanceMandates/QuarterlyReports.aspx>

As the person authorized to sign on behalf of the Respondent Vendor, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan List; or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; is not participating in a boycott of Israel; and does not have any business operations with Cuba or Syria. I understand that pursuant to Sections 287.135 and 215.473, Florida Statutes, the submission of a false certification may subject the Respondent Vendor to civil penalties, attorney's fees, and/or costs.

I understand and agree that the City may immediately terminate any contract resulting from this solicitation upon written notice if the company referenced above are found to have submitted a false certification or any of the following occur with respect to the company or a related entity: (i) for any contract for goods or services in any amount of monies, it has been placed on the Scrutinized Companies that Boycott Israel List, or is engaged in a boycott of Israel, or (ii) for any contract for goods or services of one million dollars (\$1,000,000) or more, it has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or it is found to have been engaged in business operations in Cuba or Syria.

Authorized Signature

David P. Lindley, P.L.S.

Print Name

Signature



# TRUTH IN NEGOTIATION FORM

ATTACHMENT B - E-RFP #20230097

## TRUTH-IN-NEGOTIATION CERTIFICATE AND AFFIDAVIT

STATE OF FLORIDA §  
COUNTY OF ST. LUCIE §

Before me, the undersigned authority, personally appeared affiant John F. Wheeler, P.E., who being first duly sworn, deposes and says:

1. That the undersigned firm is furnishing this Truth in Negotiation Certificate pursuant to Section 287.055(5)(a) of the Florida Statutes for the undersigned firm to receive an agreement for professional services with the City of Port St. Lucie, St. Lucie County, Florida.

2. That the undersigned firm is a corporation which engages in furnishing professional engineering services and is entering into an agreement with the City of Port St. Lucie, St. Lucie County, Florida to provide professional services for a project known as Continuing Contracts for Survey, Contract # 20230097 & Mapping Services

3. That the undersigned firm has furnished the City of Port St. Lucie, St. Lucie County, Florida a detailed analysis of the cost of the professional services required for the project.

4. That the wage rate information and other factual unit cost, which the undersigned firm furnished, were accurate, complete and current at the time the undersigned firm and the City of Port St. Lucie entered into the agreement for professional services on the project.

5. That the agreement which the undersigned firm and the City of Port St. Lucie entered into on this job contained a provision that the original agreement price and any additions thereto shall be adjusted to include any significant sums by which the City of Port St. Lucie determines the agreement price was increased due to inaccurate, incomplete or non-current wage rates or other factual unit cost and that all such agreement adjustments shall be made within one (1) year following the end of the agreement.

FURTHER AFFIANT SAYETH NAUGHT

Caulfield & Wheeler, Inc.,  
Name of Firm  
John F. Wheeler, P.E., President  
By: President

The foregoing instrument was acknowledged before me by John F. Wheeler who has produced \_\_\_\_\_ as identification or is personally known to me. WITNESS my hand and official seal in the State of County last aforesaid this 6 day of September, 2023.

(SEAL)

Joanne L. Derderian  
Signature

Joanne L. Derderian  
Notary Name (typed or printed)

Notary Public  
Title or Rank



JOANNE L. DERDERIAN  
Notary Public  
State of Florida  
Comm# HH377322  
Expires 7/18/2027

**RECEIVED ADDENDUM 1 SEPTEMBER 14**



"A City for All Ages"

### Solicitation Addendum Form

<b>Solicitation Number: 20230097</b>	<b>Solicitation Title: Continuing Contracts for Survey &amp; Mapping Services</b>
Issuing Officer: Robyn Holder, CPPB	Solicitation Initially Posted to Internet: See DemandStar
eMail Address: rholder@cityofpsl.com	Telephone: 772-344-4068
Addendum Number: 1	Date: 9/14/2023

#### **Revisions:**

1. The Sample Contract has been revised to include State and Federal Language in the event federal or state funds are used to pay for services rendered.

#### **Questions:**

1. Question: Could you provide an example of the purchase order terms & conditions which would be considered supplemental? Section 1.3 (Scope of Work).  
Response: The City applies for and receives numerous Grants that are from State and Federal agencies. These Grants may have additional terms and conditions that are unknown until they are awarded. The sample contract has been revised to include the most common terms and conditions that may be associated with Grant funding.
2. Question: Is the Evaluation Committee Meeting #1 open to the public?  
Response: Yes
3. Question: Is there a file size limit for the uploading of the proposal response?  
Response: No.
4. Question: Please advise us of the preferred location in our response for the exceptions to the contract.  
Response: This information can be at the end of the proposal in a separate tab.
5. Question: "Include associated qualifications / references for sub-consultants or subcontractors, if any proposed" – Can you elaborate on what "qualifications / references" are required for sub-consultants, and in what format (e.g., do we need to include all 330 sections? What do you mean by "references" – is this the 330 project sheet or just a client contract reference?



**RECEIVED ADDENDUM 1 SEPTEMBER 14**



*"A City for All Ages"*

Response: Form 330 is not required for the sub-consultants. Qualifications can be licenses, certifications, etc. References would be from other agencies that have used their services.

Note: In the event of a conflict between previously released information and the information contained herein, the latter shall control.



## FOR MORE INFORMATION PLEASE CONTACT

***David P. Lindley, P.L.S.***

***SENIOR VICE PRESIDENT & DIRECTOR OF SURVEYING***

Caulfield & Wheeler, Inc.  
7900 Glades Rd, Suite 100,  
Boca Raton, FL 33484  
dave@cwiasoc.com  
Phone: 561-392-1991  
Fax: 561-750-1452