

Statement of Qualifications

RFQ 20-003



City of Key West Construction Engineering & Inspection Services



February 12, 2020

Project Manager: Steve Hurley
11400 Overseas Highway
Unit 208
Marathon, FL 33050
Phone: 305.517.6469

February 12, 2020



City of Key West
1300 White Street
Key West, Florida 33040
Attn: City Clerk

11400 Overseas Highway, Suite 208
Marathon, FL 33050
Phone: 305.517.6469

**RE: Request for Qualifications RFQ No. 20-003
Construction Engineering and Inspection Services**

Dear Office of the City Clerk:

Cardno, Inc. appreciates the opportunity to present our statement of qualifications to the City of Key West to provide Construction Engineering and Inspection (CEI) services. We have extensive experience with this type of contract and will be a great asset in providing the requested services and support to the City and this community, since it is our community as well. Because of our knowledge of the area and our working relationships with the public agencies and other consultants in the community, we provide a value-enhanced service to our clients that is difficult to match.

Cardno, with David Douglas and Associates, Inc. (DDAI), our wholly owned subsidiary, is a local civil engineering team offering professional services to public and private clients. The office that will be responsible for managing this contract is at 11400 Overseas Highway, allowing for quick response to meetings and streamlined coordination efforts.

Founded in 1945, Cardno is one of the largest full-service civil engineering and environmental firms in the Southeast United States. Together with DDAI, Cardno offers a broad range of professional services including those described in this Request for Qualifications (RFQ). Our professionals have extensive qualifications and significant history providing engineering services to clients throughout the state.

Lance Lairscey will serve as Principal-in-Charge on this contract. Mr. Lairscey serves as Cardno's Infrastructure President, but his background is in construction services in Florida. His oversight of this contract will provide the City the commitment of Cardno's senior management, with the insight and hands-on involvement of our local staff.

Our team's management approach will be to put our local experience and proven project management practices to use. Managing contractual requirements and obligations is of paramount importance to the success of any construction project. We will continuously monitor the commitments made during development and ensure they are completed and documented.

This consistent approach has made Cardno a leader in the successful management and administration of construction projects throughout the state. While every project may see its unique challenges and sometimes unforeseeable obstacles, our key staff's years of working together and sharing lessons learned makes us uniquely prepared to manage any task assigned under this contract.

Cardno's Florida staff offers a broad range of professional services including:

- > **Construction Inspection and Administration**
- > Transportation Engineering
- > Roadway and Bridge Design
- > Structural Engineering Services
- > Environmental Services
- > Redevelopment Consulting
- > Grants Administration Planning and Site Design Water Resources
- > Brownfields Redevelopment
- > GIS/Asset Management
- > Urban and Land Planning
- > Stormwater Management
- > Water/Wastewater Facilities Design
- > Utility Coordination/Relocation Design
- > Survey and Mapping/SUE
- > Water Resources



Our vast experience in providing services to similar local governments affords us an unparalleled understanding of the unique challenges facing Florida’s coastal communities. We understand these challenges, and stand ready to provide the City with prompt, courteous, responsive service to perform the required work.

Mr. Hurley, our Project Manager, lives just 3 blocks from City Hall

We are submitting this proposal in support of the CEI services advertised. Cardno has the capabilities to provide numerous additional services to the City but we can best deliver the CEI services the City needs.

We will accomplish this by providing professionals who are familiar with the City’s standards and specifications. Our staff is proficient in the scope of work required for this contract, because this is the work they do every day. **A key benefit of the Cardno team is a local presence and strong background working directly/indirectly in the City of Key West, including coordination on Florida Department of Transportation (FDOT) projects and Local Agency Program (LAP) projects.**

Why Select Cardno?

We are local. Your main point of contact for this contract will be Steve Hurley. Steve is local, and he can respond quickly to your needs. The Cardno office is in Marathon, but Steve resides in Key West, just down the street from the City’s offices. Cardno’s other Florida offices will provide support services as necessary. Our subconsultants for survey and public information are local as well, so the City can be assured a quick response to any request. Any additional subconsultants will be selected as needed, based on experience, past performance and current workload, and will be approved by the City.

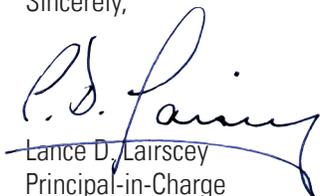
We are multi-disciplined. The Cardno Team offers a wide range of talents that permit us to manage our personnel with extreme efficiency. Our management and inspection staff are cross trained within numerous disciplines to provide maximum coverage on a range of project sites. This provides us the flexibility to react quickly to ever-changing situations on a construction project.

We are experienced. We work on these types of projects daily and clients rely on us as their go-to consultant for timely, thorough, and cost-conscious CEI services. The list below is why Cardno is your best choice for this contract.

- > **Asking the right questions.** Our experienced staff knows how to gain the information necessary to develop a comprehensive agreement that appropriately captures all necessary services to successfully complete your objectives.
- > **Fast, cost-effective solutions.** Through our vast experience, we know how to implement fast, efficient, and cost-effective solutions. We will develop recommendations in a context-sensitive manner.
- > **Robust quality assurance program.** Cardno has one of the best claims records in the industry, which is a testament to the quality of our work and proof of the efficacy of our quality assurance program.
- > **Repeat clients.** Over 90% of Cardno’s work is for repeat clients who have evaluated Cardno’s value compared to other engineering firms and continue to return to Cardno for the premier services we provide.

We are grateful for this opportunity to serve the City. We routinely integrate our comprehensive capabilities into our nationally recognized programs, working directly with municipalities or with contractors. We strive to set the standard in our industry. At your request, we can provide any additional information to assist with your selection. We thank you for considering the Cardno team.

Sincerely,



Lance D. Lairscey
Principal-in-Charge
lance.lairscey@cardno.com

Expertise and Technical Competence of the Firm

Founded in 1945, Cardno is one of the largest full-service civil engineering and environmental firms in the Southeast United States. Cardno offers a broad range of professional services including construction management and oversight of various infrastructure projects. Our licensed and qualified professional staff have extensive experience managing project schedules, possess numerous relevant certifications and qualifications, and a long history providing services to clients throughout the state.

Capabilities

We carefully built a team that provides breadth and depth to provide any services required. The depth of our team provides flexibility that helps when assignments require an experienced professional in a short timeframe. The ability to manage our staff and undertake other responsibilities is a strength our team possesses that is a significant benefit to our clients, and where experience with this type of contract is key.

The most important element of our team is our commitment to client satisfaction. We understand what it takes to be a consultant partner. We will work tirelessly, be available, be flexible, and provide the qualified, experienced staff the City needs to make sure we continually exceed your expectations.

Successful Comparable Project Experience

Professional CEI services are the key to a successful construction project. The Cardno team is fully qualified and can provide CEI services to assist the City with all types of transportation and public works projects. Our services for any work assignment will include whatever is needed, including these construction management and CEI services:

- > Documenting the Contractor's on-site activities
- > Testing construction materials
- > Reviewing cost estimates and constructability
- > Monitoring work-zone maintenance of traffic/TCP
- > Negotiating construction contracts and subcontracts
- > Conducting public information/awareness activities
- > Preparing contract change orders and payment negotiation
- > Checking shop drawings
- > Final quantities/punch lists
- > Warranty inspections
- > Maintaining daily records of construction progress
- > Producing and maintaining photographic progress records
- > Monitoring Contractor QC and QA programs

Cardno's CEI Services

Cardno's experienced certified engineers, inspectors, and contract support professionals deliver comprehensive, cost-conscious construction services to complete projects on time and within budget.

Now more than ever, keeping transportation construction projects on track is crucial to a community's economy, safety, and quality of life for its residents. Cardno offers cost-conscious and innovative solutions to manage the complex nature of these projects and achieve our clients' vision.

Depending on the City's needs and the size of the project, we offer full-time, site-based resident engineers or part-time inspection staff. Cardno is committed to staffing projects with the personnel necessary to facilitate complete owner satisfaction.

Cardno is committed to verifying the City's projects are constructed in accordance with approved plans, specifications, applicable codes, and the highest quality of workmanship. Having provided construction services for over 24 years, we understand the key to project success is to maintain complete and accurate records of all contractor work activities, payment, field sampling and testing, and photographic records of significant activities and events. Our records are always available for client review and we provide periodic reports to comply with both client needs and contract requirements. Our construction services professionals work proactively through early identification to resolve technical issues as they develop to minimize claims.



Our CEI services cover all aspects of transportation facility construction, including:

- > New and rehabilitated roadways and bridges
- > Traffic maintenance programs
- > Retaining walls and noise barrier walls
- > Box culverts
- > Mechanically stabilized earth walls
- > Paving and drainage
- > Signalization, signing and striping

- > Curb-and-gutter and guardrails
- > Intelligent Transportation Systems (ITS), including fiber optics, video, and software
- > Shoreline restoration
- > Landscaping and design amenities
- > Utility installations and relocations, including lighting, telecommunications, power, water, sanitary and storm sewer, and gas facilities

Effective Project Communication Management

A successful project begins and ends with the timely and accurate transfer of information between the City's Project Manager and Cardno's Project Manager, Steve Hurley. It will be Mr. Hurley's responsibility to disseminate information to the appropriate parties within Cardno and any subconsultants.

Regular project briefings are important to coordination. Mr. Hurley will oversee project activities to ensure appropriate resources are allocated to meet budget, schedule and quality expectations, and an accurate status is communicated to City staff regularly.

Our advanced interactive accounting system provides all necessary information for Mr. Hurley to effectively manage the project, while being mindful of budget. Steve has direct access to the system at any time, allowing frequent reviews during periods of intense project activity.

Cardno's Quality Assurance/ Quality Control

We know the City expects deliverables that have been thoroughly reviewed by highly qualified professionals. We believe the QA/QC component of the approach is a critical element of the CEI process, so Cardno has robust QA policies in place.

Keeping Projects on Track

We monitor construction activities and perform or monitor field quality control testing and sampling to ensure project materials and workmanship meet contract specifications. We can also assist with bidding and negotiations. To keep your project on track, certified Cardno inspectors offer the expertise necessary to resolve technical issues as they develop. They can also provide a comprehensive history of the project and support your position on issues.

Depending on the City's project requirements, Cardno CEI professionals can provide:

- > Bidding
- > Comprehensive Project Construction Management
- > Constructability Reviews
- > Contract Administration
- > Field Inspection / Material Sampling
- > Coordination with the Engineer-of-Record/Permitting Agencies/Maintaining Agencies
- > Progress Meetings with the Contractor/Utilities
- > Review and Processing of all Contractor Shop Drawings, Change Orders and Pay Request Submittals
- > Assistance with the Coordination of Other Contractors or Local Utility Owners
- > Early Identification and Resolution of Issues
- > Claims Analysis and Resolution
- > Schedule and Cost Analysis
- > Record Drawings and Certifications

The Right Level of Support for the Job at Hand

Our certified engineers and inspectors offer the expertise needed to resolve technical issues as they develop. They can also provide a comprehensive history of a project and support the owner's position or concerns. For roadway and bridge projects, our inspectors are certified in FHWA-approved work zone traffic control safety programs to ensure public safety and minimize traffic flow disruptions.

The Keys to Successful Construction Inspection

The key to a successful project is to maintain complete and accurate records of all contractor work activities, payment, field sampling and testing as well as photographic records of significant activities and events. Our records are always available for client review, and Cardno provides periodic reports to comply with both client needs and contract requirements.



Professional Qualifications, Certifications, and Capacity of Staff

Cardno/DDAI has a local office in Marathon, 11400 Overseas Hwy, Suite 208. Depending on work to be performed, it is anticipated that 70-80% will be produced in the local office. However, our Fort Myers and other Florida staff will provide additional support services. Our Fort Myers office is located just 4½ hours from Marathon.

All of our proposed key staff have extensive expertise in their designated roles, but also have a broad range of experience that will serve as additional support for any services needed. The key personnel below all have direct Keys experience. Cardno is committing the staff presented below. They will be the staff you will work with on your projects.



Lance Lairscey | Principal-in-Charge, Quality Assurance/Quality Control

lance.lairscey@cardno.com

Mr. Lairscey currently leads all operations within Cardno's US Infrastructure Division. He also serves as Client Liaison and Cardno contact for Florida Department of Transportation (FDOT) contracts, with an emphasis on CEI projects. He served as

Senior Vice President of Cardno's Construction Services Division, and was responsible for the group's evolution into one of Florida's top CEI firms. As Cardno's Construction Services leader, Mr. Lairscey regularly directed QA/QC efforts to ensure superior services were provided to Cardno's clients.



Steve Hurley | Project Manager

sh@ddai-engineers.com

Mr. Hurley has 28 years of experience in roadway design, project engineering management and land planning. He has completed utility, minor and major highway improvements for the City of Fort Myers, Florida, City of Cape Coral, FDOT and Lee County DOT. He currently manages a wide

range of projects in the Florida Keys, including a continuing services contract with the City of Marathon.

His experience in permitting and management is extensive. His land planning, design and permitting expertise aided the company in many successful residential tower construction projects, and his infrastructure experience provided additional assurances of success to his clients through his coordination efforts.



Mike Irwin, PE | Senior Project Engineer

mike.irwin@cardno.com

Mr. Irwin directs the day-to-day operations on Cardno's CEI projects in South Florida. Mr. Irwin has 35 years of professional experience, 12 with FDOT as a Project, Resident, and District Construction Engineer. He offers extensive experience

in construction management and quality management techniques related to public roadway and bridge construction. Mr. Irwin has extensive experience in program management.

Mr. Irwin has also provided constructability, biddability, project scheduling and contract time estimation for design plans. He can apply his expertise and extensive knowledge of construction and design-build delivery to review plans to support Cardno's transportation design group.



Frankie Padro | Project Administrator

frankie.padro@cardno.com

Mr. Padro has 13 years of experience in the CEI field. His experience includes work in the Florida Keys on projects for FDOT District Six. He served as inspector for a milling and resurfacing project on US 1 in Boca Chica Key. He also provided inspection and reporting for the Key Deer

Protection project in Big Pine Key. His experience includes inspection of both roadways and bridges and he continues to seek additional training and certifications in this field. His knowledge combined with his eagerness to learn make him an asset to any project team.



Victoria Crouthamel, EI | Inspector

victoria.crouthamel@cardno.com

Ms. Crouthamel had two years of experience working in Environmental Consulting throughout the Florida Keys before she joined Cardno/DDAI. She currently provides Civil Engineering Design services, permitting, and environmental planning for all types of projects. Ms.

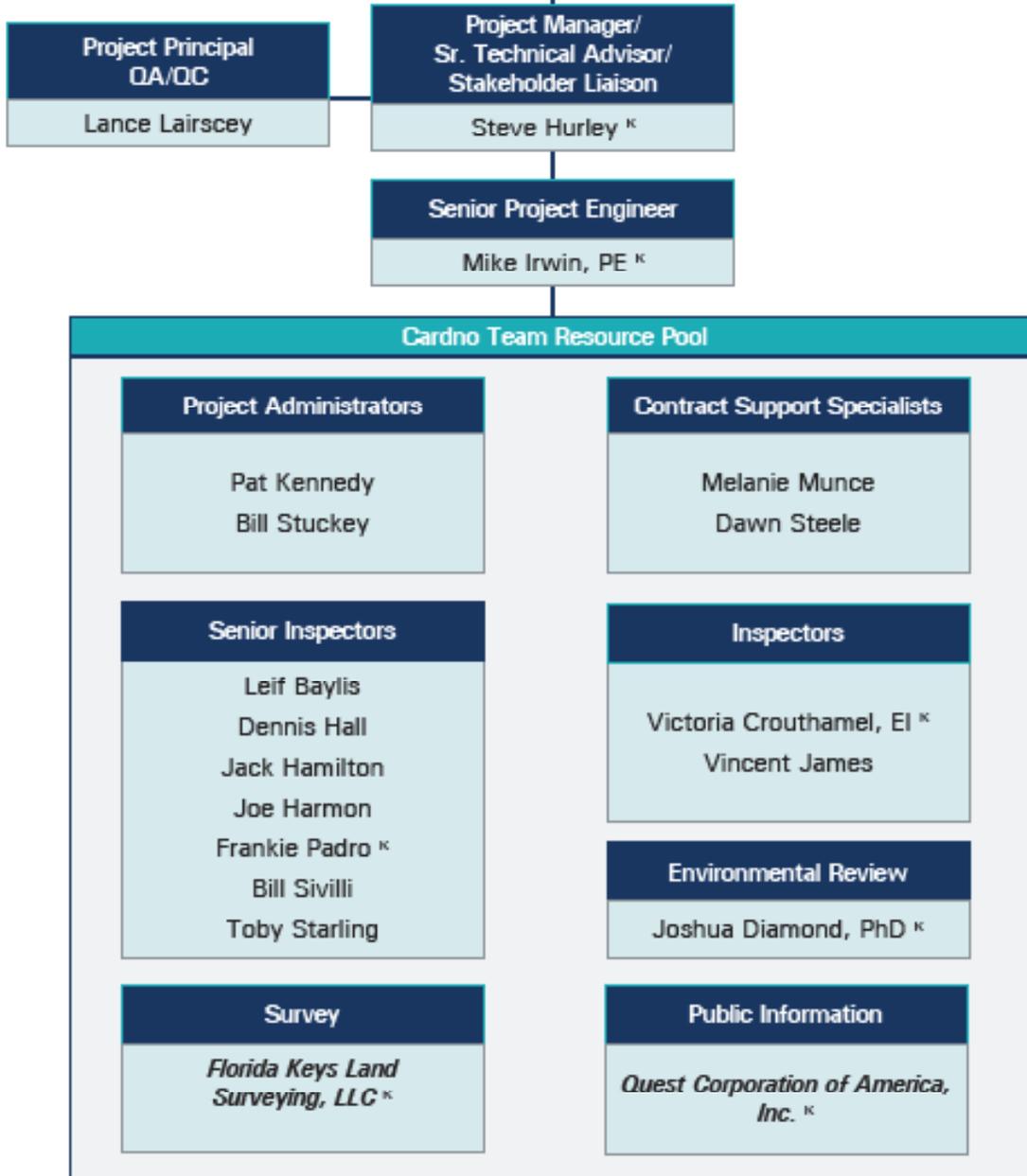
Crouthamel is proficient in AutoCAD, ArcGIS, Excel and many other programs, and is a valuable member of the team.

On the next page is our org chart, which illustrates our comprehensive CEI team and array of resources available to the City for any construction project.

In addition to the staff identified on the organizational chart, Cardno has additional CEI staff across the state, and in-house civil engineers who can assist with any situation as needed.



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Inspection Services



^κ Staff with Keys Project Experience

Below is a table that illustrates our key CEI staff's experience, qualifications and certifications.

	Mike Irwin, PE SPE	Pat Kennedy PA/Sr. Insp.	Frankie Padro Sr. Inspector
CTQP Quality Control Manager	☑	☑	
FDOT Intermediate MOT		☑	
FDOT Advanced MOT	☑		☑
CTQP Final Estimates Level I			☑
CTQP Final Estimates Level II		☑	☑
CTQP Concrete Field Technician Level I			☑
CTQP Concrete Field Inspector Level I			☑
CTQP Asphalt Roadway Level I			☑
CTQP Asphalt Roadway Level II			☑
CTQP Earthwork Construction Inspection Level I			☑
CTQP Earthwork Construction Inspection Level II			☑
Nuclear Radiation Safety			☑
Florida Stormwater, Erosion, and Sedimentation Control		☑	☑
Critical Structures Construction Certification	☑		☑
FDOT MSE Walls	☑		☑
CSX Roadway Worker Protection Certification	☑		
Superpave Training; FDOT Asphalt Contractors Association of Florida	☑		
OSHA 29 CFR Construction Standards	☑		
Grouting Training; American Segmental Bridge Institute	☑		
Drilled Shaft		☑	☑
Pile Driving		☑	☑
CTQP Post Tensioning Technician Level I			☑
HAZMAT 49CFHR 172-Subpart H			☑
IMSA Traffic Signals, Level I			☑
Keys Project Experience	☑	☑	☑

Our key staff resumes are included, starting on the next page.



STEVEN HURLEY

Current Position

Vice President

Years' Experience

28

Education

AA, Edison State College, Fort Myers, Florida

University of Central Florida (2 years)

Affiliations

American Public Works Association (APWA)

American Society of Civil Engineers (ASCE)

Florida Engineering Society (FES)

Florida Water and Environmental Association (FWEA)

Institute of Transportation Engineers (ITE)

National Society of Professional Engineers (NSPE)

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Summary of Experience

Mr. Hurley has 28 years experience in roadway design, project management and land planning. He was employed by Lee County, Florida DOT as a roadway designer for in-house roadway, signal and intersection improvements. He has completed utility, minor and major highway improvements for the City of Fort Myers, City of Cape Coral, FDOT, and Lee County DOT. He currently manages a range of projects in the Florida Keys.

His experience in permitting and management is extensive, most notably design and coordination of the Midfield Utilities project, which included a 30-inch water main replacement. His land planning, design and permitting experience aided the company in many successful downtown residential tower construction projects, and his infrastructure experience provided additional success to Fort Myers through his coordination efforts.

Significant Projects

Local Projects, City of Marathon. Mr. Hurley has completed various projects for the City of Marathon over the past several years. The projects included, but were not limited to engineering design, permitting, planning and CEI through Continuing Engineering Services Contracts.

CEI, Force Main Installation along US 1. Mr. Hurley provided CEI services for approximately three miles of Force Main installation along US 1. The projects were within Area 3 and Area 6 Treatment Facilities.

Coco Plum Pedestrian Bridge. Provided daily inspection services for the construction of a pedestrian bridge and approaches. This multi-use trail project was on the FDOT District Six Consultant Acquisition Plan, and called for bike/pedestrian pathways and a pedestrian bridge at Coco Plum Drive. DDAI provided interviews, pay requests, inspections and certifications per LAP requirements. Services also included coordination with all appropriate agencies. The project included coordination with FDOT LAP. Close out and Record Drawings were also included.

Code Compliance Reviews – City of Marathon. Coordinated with the City of Marathon on a daily basis to assist in building permit reviews, site visits for complaint issues, prepare review letters and RAI's, performed inspections as it related to site, drainage and Utility infrastructure for certifications and final completions. Provided assistance in FDEP, DOH and SFWMD permit reviews.



MICHAEL L. IRWIN, PE

Summary of Experience

Mr. Irwin directs operations on Cardno's CEI projects in South Florida. He has 36 years of professional experience, 12 with FDOT as a Project, Resident, and District Construction Engineer. He offers extensive experience in construction and quality management related to public roadway and bridge construction, including projects in environmentally sensitive conditions. Mr. Irwin has provided plan constructability/bidability reviews for FDOT as well as support for Cardno's transportation design group. He has expertise and knowledge of construction delivery methods including bid-build, design-build and lump sum, and experience in FEMA Disaster restoration and reconstruction.

Project Experience

Sombrero Beach Reconstruction, Renourishment and Repair, City of Marathon, Florida. (04/2019-Present) FEMA construction of Sombrero Beach and Public Works facilities that were destroyed by Hurricane Irma. Project includes repair of fishing pier, reconstructing sidewalk, bathhouses, and shower facilities, dunes with sea oats and ground cover and renourishment of sea grasses by underwater planting of plant material. *Client Contact: Carlos Solis, PE, City Engineer, 305.481.0451*

Document and Claims Avoidance Review for Wekiva Section 7A from Wekiva Park Rd to Orange Blvd (FIN 24020025201), FDOT District Five. (10/2017-Present) Senior Project Engineer for review of documents and utility schedules for claims avoidance and clarity. Review, analysis and recommendations for claims and disputes submitted by a defaulting Contractor and bonding company. Follow-through review and recommendation on claims and requests for compensation packages. Contract amount: \$106M. *Contact: Todd Womick, PE, Construction Engineer, 407.234.1322*

Plans and Constructability Review, FDOT District Four. (01/2019-Present). In accordance with CPAM, review Design Phase Submittals, entering results into ERC database to minimize construction conflict and costly time and funding overruns. *Client Contact: Deborah Ishaan, PE, Assistant District Construction Engineer, 954.777.4130*

SR 50 Reconstruction, FDOT District Five, FIN 23920145201. (1/2015-Present) Mr. Irwin served as SPE including final estimates, settlement negotiation and Dispute Review Board hearings. His responsibilities included complex utility relocations and management of contract claims for the \$30M project. *FDOT Manager, Todd Womick, PE, Assistant District Construction Engineer 407.234.1322*

I-95 Improvements, Palm Beach and Broward Counties (FIN 231932-1-52-01), FDOT District Four. (08/2014-Present) Senior Project Engineer for interchange improvements at five locations in Palm Beach and Broward Counties. Projects on this limited-access facility include major interchange reconstruction with the addition of ramps, general-purpose lanes, structures, and roadway. Structures construction includes widening and replacing MSE and retention walls. Contract delivery is Design-Build for a total near \$50M. *FDOT Project Manager: Kevin Micocci 561.719.7786*

Design-Build I-95 Widening in Indian River County (FIN 413048-1-52-01), FDOT District Four. (07/2008-08/2014) SPE for FDOT's I-95 Expansion in Indian River County. The limited-access facility projects span over nine miles and included major interstate reconstruction from four to eight lanes. Structures include widening and reconstructing concrete and steel girder bridges. Specific duties include lead engineer in charge of design and construction oversight to ensure firm compliance with FHWA and FDOT QC plans and provide tracking and documentation. Total Cost: Approx. \$100M. *FDOT Project Manager: Dale Walker (retired) 772.201.8518*

Current Position

*Regional Manager/
Senior Project Engineer*

Profession

*Construction Engineering and
Inspection*

Years' Experience

36

Joined Cardno

2003

Education

*BS, Civil Engineering, Auburn
University, 1983*

Professional Registrations

*Professional Engineer FL No. 38671;
AL No. 18078; GA No. 23888*

Qualifications

*Critical Structures Construction
Certification*

FDOT MSE Wall Self Study

ATSSA Advanced MOT

CTQP QC Manager

*CSX Roadway Worker Protection
Certification*

*Superpave Training; FDOT Asphalt
Contractors Association of Florida*

*OSHA 29 CFR Construction
Standards*

*Grouting Training; American
Segmental Bridge Institute*

Railroad Worker Safety

TIN: 1650552590580

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PATRICK KENNEDY

Summary of Experience

Mr. Kennedy has extensive experience in CEI on FDOT/municipal road and bridge projects. Mr. Kennedy also has expertise with utility coordination, design-build (D/B) project delivery, P6 CPM schedule/claim analysis, and coordinating efforts between the FDOT and local governments. He has a broad knowledge of construction materials testing and plans review. He offers diversified experience in the field and management of day-to-day CEI operations.

Project Experience

I-95 Interchange Improvements: Palm Beach and Broward Counties, FDOT District Four. Responsible for managing this \$33M D/B project consisting of interim operational improvements to the following I-95 interchanges: SW 10th Street, Woolbright Road, Hypoluxo Road, 10th Avenue North, and Donald Ross Road. These improvements provide additional turn lanes on the arterial roadways and ramps and includes a cost-sharing agreement with PBC at Donald Ross Road. Responsibilities include coordinating design and construction project teams with local governmental agencies and day-to-day oversight and administration of the project.

I-95 Widening, Indian River County, FDOT District Four. Project Administrator responsible for the day-to-day management of this \$54M D/B project. This project calls for conversion of I-95 from a four-lane to a six-lane facility for approximately seven miles and includes demolition/reconstruction of three bridges and upgrading the SR 60 Interchange to meet Interchange Operational Analysis Report (IOAR) requirements.

I-95 Widening and High-Occupancy Vehicle (HOV) CEI Projects, Palm Beach County, FDOT District Four. Senior Project Engineer for management of the I-95 Expansion and HOV Corridor Projects in Indian River and Palm Beach Counties. These projects span 15 miles on I-95 for a construction cost of approximately \$150 million. The corridor projects include major interstate reconstruction from 6 to 10 lanes with the addition of HOV and general-purpose lanes. These are limited-access facilities with construction of interchange structures and ramps. Structures include widening four concrete and steel girder bridges. Contract delivery was through both D/B and Design-Bid-Build methods.

SR 80 Corridor / Mobility 2000 Projects, FDOT District Four. Senior Project Engineer for management of the Department's SR 80 Corridor Projects grouped in the Mobility 2000 Initiative. These projects span a length of 20 miles on the SR 80 corridor with a construction cost of approximately \$150 million. The projects include major multilane reconstruction from four to eight lanes divided with the conversion of SR 80 to a limited-access facility with construction of interchange structures and ramps at each major intersection. Structures include four, eight lane, complex steel bridges and four minor concrete and steel girder bridges.

Reconstruction of East Winterberry Bridge over Roberts Bay, Marco Island, FL. Construction Project Manager for the complete tear-down and reconstruction of the East Winterberry Bridge over Roberts Bay for the City of Marco Island, Florida. This \$5M project also included relocation of water and sewer lines, ensuring compliance and coordination with permitting agencies, and acting as Public Information Officer for local residents.

Project Role
Project Administrator

Profession
Construction Engineering and Inspection

Years' Experience
29

Joined Cardno
1999

Education
AA / Engineering Emphasis / 2004

Professional Certifications
FDEP Stormwater Management Inspector

FDOT Maintenance of Traffic

CTCP Quality Control Manager

Pile Driving Inspection

Drilled Shaft Inspection

Final Estimates - Level 2

TIN #K53067068



FRANKIE PADRO

Summary of Experience

Mr. Padro is responsible for the inspection of various items of work on Cardno construction engineering and inspection (CEI) projects. His 13 years of experience includes inspection of both roadways and bridges and he continues to seek additional training and certifications in this field. His knowledge combined with his eagerness to learn make him an asset to any project team.

Significant Projects

Mill and Resurface US1 @ Boca Chica Key, FDOT District Six, 2001-2003.

Inspector for this FDOT Contract which included milling and resurfacing of US1 in Boca Chica Key. Responsibilities included inspection of various items of work including asphalt paving, MOT, preparation of daily reports, field book entries, contractor payment quantities, and attend progress meetings to report on contractor activities. Also the inspection and testing of roadway and bridge elements, including concrete, steel and formwork, pay item measurements and water quality testing.

Key Deer Protection Project, FDOT District Six, 2000-2001. Inspector for this FDOT Project in Big Pine Key that included construction of two bridges to be utilized for Key Deer crossing along with the installation of fencing associated with crossings and the reconstruction of signalized intersection. Responsibilities included inspection of various items of work including asphalt paving, MOT, preparation of daily reports, field book entries, contractor payment quantities, and attend progress meetings to report on contractor activities. Also the inspection and testing of roadway and bridge elements, including concrete, steel and formwork, pay item measurements and water quality testing.

I-95 Interchanges Palm Beach County, FDOT District Four. Serving as Senior Structures Inspector for CEI Management of the Department's I-95 Interchange Improvements at 5 locations. The projects include major interstate reconstruction with the addition of both ramp and general purpose lanes. The projects are limited access facilities with construction of both interchange structures and roadway facilities. Contract delivery is through Design-Build. FDOT Project Manager Matt Carlock 772.432.4966

I-95 Widening Indian River County, FDOT District Four. Senior Inspector responsible for the inspection of construction activities and documentation including temporary and permanent MSE Wall construction, concrete inspection, drainage and erosion control inspection, pile driving inspection, and reinforcing steel inspection for bridge elements. The I-95 Reconstruction project is a Design/Build project which includes the conversion of I-95 from a four lane to a six lane facility for approximately 7 miles and includes reconstruction of three bridges and the upgrading of the SR60 Interchange. FDOT Project Manager Dale Walker 772.201.8518

Current Position

*Assistant Project Administrator/
Senior Inspector*

Years' Experience

13

Joined Cardno

November 2003

Qualifications

CTQP Final Estimates, Level I & II

CTQP Asphalt Paving, Level I & II

CTQP Earthwork, Level I & II

CTQP Drilled Shaft Inspection

CTQP Pile Driving Inspection

*CTQP Concrete Field Inspector
Specialist, Level I*

CTQP Post Tensioning Technician Level I

FDOT Advanced MOT

CTCI Concrete Transp. Const. Inspector

ACI Concrete Field Tech, Grade I

*Radiation Safety & Use of Nuclear
Gauges*

HAZMAT 49CFHR 172-Subpart H

MSE Wall Inspector

*FDEP Stormwater Mgmt Inspector
Critical Structures*

IMSA Traffic Signals, Level I

TIN #P36024077



VICTORIA CROUTHAMEL, EI

Current Position

Inspector's Aide / Design Engineer

Years' Experience

4

Education

BS, Environmental Engineering,
University of New Hampshire

Professional Registrations

Engineer Intern No. 1100021594

Affiliations

Society of Women Engineers (SWE)

Summary of Experience

Ms. Crouthamel had two years of experience working in Environmental Consulting throughout the Florida Keys before she joined Cardno/DDAI. She currently provides Civil Engineering Design services, permitting, and environmental planning for all types of projects. Ms. Crouthamel is proficient in AutoCAD, ArcGIS, Excel and many other programs

Significant Projects

City of Key West Surface Water Drainage System Maintenance Manual.

Development of a surface water drainage maintenance manual for the system throughout the City of Key West for prior compliance issues with the South Florida Water Management District (SFWMD). The project included establishing maintenance requirements for the entire system and permitting for all maintenance requirements and events as well as developing the maintenance manual for City use.

Lower Keys, Environmental Compliance Inspections, FDOT District Six. Monthly environmental compliance inspections for various bridge and roadway projects in the Lower Keys. Responsibilities included CEI coordination, monthly inspections and reports, environmental permit tracking and compliance issue resolutions.

Holiday Inn Express, Marathon. A private development project located in Marathon consisted of design team assistance and permitting with SFWMD and US Army Corps of Engineers (USACE) for a hotel expansion within a wetland habitat. The project included conservation easements and development of the Crain Street East road removal and habitat restoration project for mitigation.

Catholic Charities, Key West. A private development on Flagler Avenue in Key West consisted of design team assistance, permitting with SFWMD and USACE for development of four homeless shelter buildings. Responsibilities included habitat assessments, habitat mapping, SFWMD and USACE permitting, design assistance, conservation easements and development of a mitigation and habitat restoration plan.

Enchanted Isle HDD Drill, Key West. A private development on Enchanted Isle off of Key West included permitting, benthic resource assessment and design team assistance for a private Horizontal Directional Drill for utility connection to the island. The project also included construction oversight and compliance inspections.

Sonic Restaurant, Key West. Design Engineer responsible for the design and permitting of a new drive-thru restaurant in Key West. The project included site civil design, infrastructure connections and permitting of two new driveway connections through FDOT.

Experience with Key West and Monroe County

Cardno (DDAI) holds the City of Marathon Professional Engineering Services Contract, and has held this contract for many years. We have performed many minor design and permitting services for infrastructure-type projects as well as planning services as needed. The entries in bold blue text indicate CEI projects.

CITY OF MARATHON	CEI SERVICES FOR SOMBRERO BEACH RECONSTRUCTION, RENOURISHMENT, AND REPAIR
Client	City of Marathon
Contact person and phone number	Carlos Solis, PE, City Engineer Phone: 305.481.0451
Services provided	<p>Cardno provided construction management and inspection services for this project. Work consisted of FEMA construction of Sombrero Beach and Public Works facilities that were destroyed by Hurricane Irma. Project included repair of fishing pier, reconstructing sidewalk, bathhouses, and shower facilities, dunes with sea oats and ground cover and renourishment of sea grasses by underwater planting of plant material.</p>



CITY OF MARATHON	PROFESSIONAL ENGINEERING SERVICES
Client	City of Marathon
Contact person and phone number	George Garrett, Planning Director/Deputy City Manager, phone: 305.289.4111
Services provided	Planning, roadway, drainage, utility design, plans review, construction support
<p>2019</p> <ul style="list-style-type: none"> > CEI for Sombrero Beach Reconstruction > Grassy Key Grinder Pump Design, original budget \$23,490, in progress > CEI for Coco Plum Pedestrian Bridge 	<p>2016</p> <ul style="list-style-type: none"> > Avenue "L" CEI, original \$22,920, final \$22,920 > Area 6 CEI, original contract \$35,560, final \$35,560 > Marriott F.M. As-Builts, original & final \$18,710 > 89th Street Culvert Crossing, original & final \$34,550 > Plant 5 upgrade, original & final contract \$12,210 > Plants 5/6 platform upgrades, original & final \$21,450 > Area 3/6 Lift station Designs, original & final \$108,020 > Miscellaneous Utility projects, original & final \$20,000 > 33rd Street Community Building Site, original & final \$12,250
<p>2018</p> <ul style="list-style-type: none"> > The Quay – Intermediate Design for boat/trailer parking area with associated infrastructure and drainage improvements > Calle Ensueno Culvert – Design Services includes update outdated culvert plans for maintenance purposes. Additionally permitting with agencies was included > 74th Street FDEP permitting for Maintenance – Contract pending approval by the City 	<p>2015</p> <ul style="list-style-type: none"> > Building Plans Review, original \$9,650, final, partially used > Multi Use Projects, original & final contract \$26,000 > Marriott Force Main CEI, original & final \$34,500 > Misc. Canal Restoration Projects, original & final \$21,208 > Sombrero Vac Main, original & final \$14,230 > 89th Street Canal Restoration, original & final \$32,513 > Area 3 Force Main Design, original & final \$69,920 > Area 6 Force Main Design, original & final \$97,050
<p>2017</p> <ul style="list-style-type: none"> > Professional Services Continuing contract > Miscellaneous Utility Design I, original & final \$20,000 > Miscellaneous Utility Design II, original & final \$20,000 > Area 3 CEI, original & final \$33,560 > Grassy Key Master Plan \$33,170 > Fire Department Hydrant Design I, II, original & final \$20,000 > Marathon Emergency Services, original & final \$441,220 	<p>2014</p> <ul style="list-style-type: none"> > Miscellaneous CEI, original \$9,570 & final \$9,570 > Utility Design, original & final contract \$15,000 > Miscellaneous CEI #2, original & final \$9,000 > Avenue L, original \$20,937 & final contract \$20,937 > Miscellaneous Drainage Services #2, original & final \$9,500

MONROE COUNTY

PROFESSIONAL ARCHITECTURAL & ENGINEERING CONTINUING SERVICES

Client	Monroe County
Contact person and phone number	Robert Tudor, phone: 305.292.4416
Services provided	<p>This is a task-based contract to provide the County engineering and architectural services as needed. Assignments under this contract will be less than \$200,000 fee, and \$2 million construction cost.</p> <p>Tasks may include design and preparation of plans for various infrastructure and transportation engineering projects, preparation of contract documents for bidding, scope of work, tabulations and review of bids, recommendation of contract award, cost estimating during design and document preparation, administration of contract documents, consultation and on site inspections during construction, process shop drawings, recommend approval of contractor invoices, preparation and submittal of permit applications, zoning applications and presentations to the County Commission.</p>

We are currently working on Big Coppitt Fire Station No. 9. The County needed a building assessment to make repairs at Fire Station No. 9 due to damages sustained by Hurricane Irma. We conducted on-site evaluations, reviewed architectural as-built drawings and specifications, wrote a structural plan, and provided construction support. Final fee: \$13,850



MONROE COUNTY

BOCA CHICA ROAD EROSION RESTORATION DESIGN

Client	Monroe County
Contact person and phone number	Clark Briggs, Senior Project Administrator Phone: 305.295.4306
Services provided	<p>Cardno was tasked with providing design plans for approximately 1,500 lf of roadway resurfacing and slope restoration. Services also include agency permitting, client coordination, including the U.S. Navy, and topographic survey. The design is based on existing FDEP and USACE permitting.</p>

Ability to Perform Services, Location and Availability of the Team

Steve Hurley, our proposed Project Manager, is a long-time Keys resident. He is just a phone call and a few minutes away from attending any meeting or initiating any request you may have. Our key staff have served South Florida for many years. Our combined years of experience allow us to provide our engineering services with confidence. We provide value-enhanced services to our clients that is difficult to match.

Responsible Office

Marathon Office

11400 Overseas Highway
Suite 208
Marathon, Florida 33050
305.517.6469

Support Locations

Fort Pierce Office

2552 Peters Road, Suite C
Fort Pierce, Florida 32945
772.672.3823

Fort Myers Office

1821 Victoria Avenue, Suite 1
Fort Myers, Florida 33901
239.337.3330

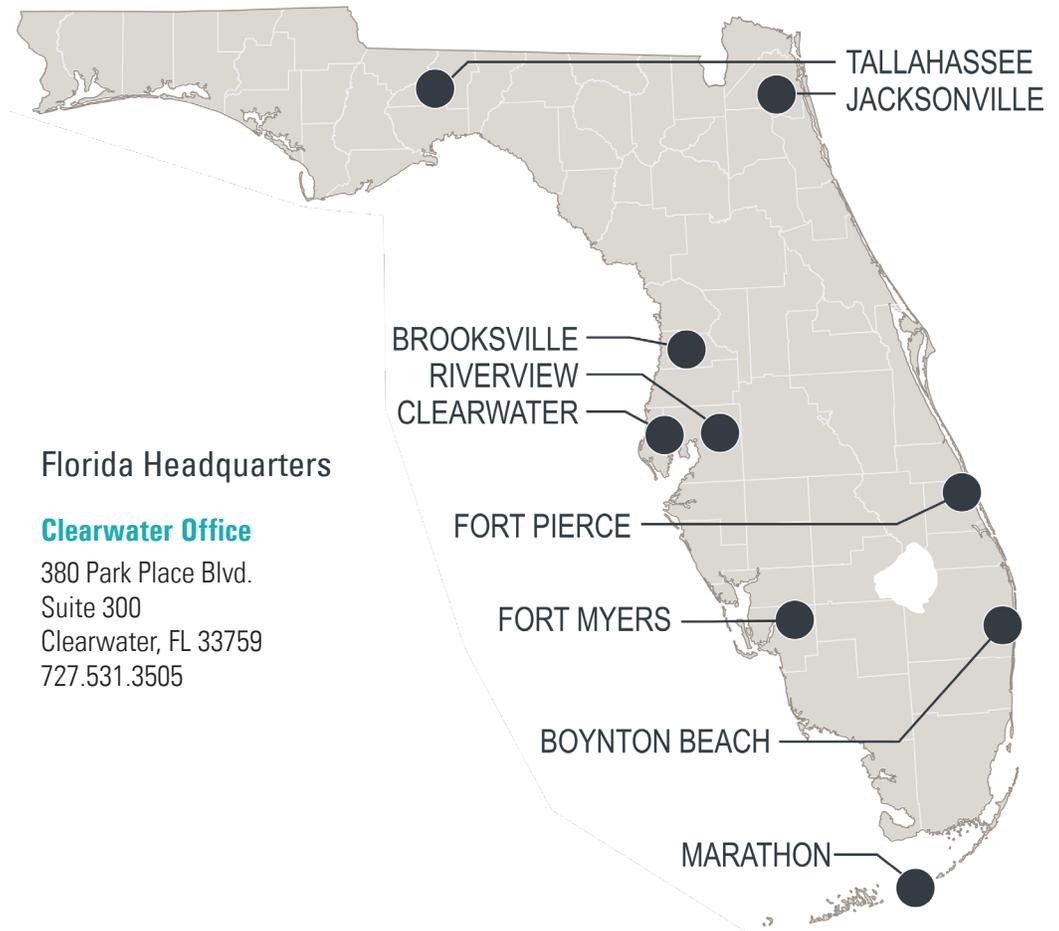
Boynton Beach Office

1500 Gateway Blvd.
Boynton Beach, FL 33426
561.703.1526

Stuart Office

900 SE Ocean Park Dr.
Unit 232-D
Stuart, FL 34994

Florida Locations



Florida Headquarters

Clearwater Office

380 Park Place Blvd.
Suite 300
Clearwater, FL 33759
727.531.3505

Ability to Perform Services

The Right Level of Support for the Job at Hand

Our certified engineers and inspectors offer the expertise needed to resolve technical issues as they develop. They can also provide a comprehensive history of a project and support the owner's position or concerns. For roadway and bridge projects, our inspectors are certified in FHWA-approved work zone traffic control safety programs to ensure public safety and minimize traffic flow disruptions.

The Keys to Successful Construction Inspection

The key to a successful project is to maintain complete and accurate records of all contractor work activities, payment, field sampling and testing as well as photographic records of significant activities and events. Our records are always available for client review, and Cardno provides periodic reports to comply with both client needs and contract requirements.



Optimization of Project Schedule and Budget: The schedule is crucial to successful completion of the project. An effective and realistic CPM Schedule is essential to keep track of milestones and ensure potential delays and hurdles are addressed at the earliest opportunity. From the basics of showing construction activity sequences in logical order to the evaluation of realistic activity durations, our team is known for accurate CPM analysis and looks for ways to help the Contractor find opportunities for efficiency. We understand helping the Contractor work with a realistic schedule and holding them accountable for scheduling goals provides the best opportunity for a project that finishes on time and within budget.

Approach to managing the CEI budget:

Through careful planning and weekly tracking we have established track record of success in meeting project budget goals. We do this by reviewing the Contractor’s CPM and determining the best staffing for the proposed work, and with close coordination with the Project Manager, mobilizing inspection staff in and out as needed, or overlapping shifts to eliminate overtime. Additional qualified staff for acute/extended shifts are also available on short notice as a result. We typically run a budget surplus, allowing us to extend the project for weather and other delays without needing a Supplemental Agreement to add funds for CEI. On our last three contracts, we left the FDOT with a surplus of over 1 million staffing dollars).

Approach to CEI Quality Control:

Cardno is committed to excellent QC on all our projects. Our QA program will be specifically tailored to the project elements, the needs of the City of Key West, and the best interest of the community.

Lance Lairscey will be the QA/QC Manager for this project and will lead our Peer Review Team (PRT) in scheduled audits of both office and field activities performed by our team. The PRT audits will include reviews of staff qualifications, equipment conditions and contract documents. Our QA Program will also include regular verification of contractor compliance and environmental requirements.

Example Projects and References

Relevant Experience, References and Past Performance on Similar Projects

Cardno’s broad range of professional services is perfectly suited to continuing service, general engineering, and on-call services contracts. Cardno’s Construction Services Division has considerable relevant, similar experience with contracts of this type, and has been fortunate to contribute to these general services projects for many clients, including:

CITY OF TAMPA	GENERAL ENGINEERING SERVICES	
Contact person and phone number	Don Cermeno, Don.cermeno@tampagov.net phone: 813.635.3411	
Cardno provides a host of general engineering and surveying services to the City of Tampa including:		
> CEI	> Environmental	> GIS and Asset Management
> Construction Management	> Roadway Design	> Subsurface Utility Engineering
> Stormwater Design	> Traffic Operations	> Surveying and Mapping
> Water Resources/Hydrology	> Planning	> Utility Design
> Wastewater	> HazMat Management	
As part of Cardno’s continuing contract, Cardno was tasked with a Work Order for Construction Phase Support Services – Water Department Inspection		

CITY OF SEMINOLE

GENERAL ENGINEERING SERVICES

Contact person and phone number

Mark Ely, mely@myseminole.com
phone: 727.398.3108 x106

Cardno provides a host of general engineering and survey/SUE services to the City of Seminole including:

- > Construction Management
- > Roadway Design
- > Traffic Operations
- > Water / Wastewater
- > Stormwater Design
- > Environmental
- > Planning
- > Right-of-Way Services
- > GIS and Asset Management
- > HazMat Management
- > Survey/SUE

Date of contract: Ongoing since 1998

PINELLAS COUNTY

CEI CONSULTANT SERVICES

Contact person and phone number

Joe DeMoss, jdemoss@pinellascounty.org
phone: 727.464.3631

Cardno was selected to serve Pinellas County as their CEI consultant on an ongoing basis for a five-year contract. Cardno will provide CEI services to assist the Public Works Department with the implementation of their Capital Improvement Plan. The services may include observing, inspecting, recording, and reporting the Contractor’s work progress to determine conformance with the construction contract, documenting activities, deficiencies and issues, and conducting project close-out. Work shall be assigned as needed throughout the contract duration.

Date of contract: 2017

CITY OF LAKELAND

EDGEWOOD DRIVE EXTENSION

Contact person and phone number

Greg James, PE, Greg.James@lakelandgov.net
phone: 863.834.6040

The City of Lakeland selected Cardno to evaluate alternative alignments and provide final design for extending Edgewood Drive west from South Florida Avenue (SR 563) to Harden Boulevard (SR 37). This project was constructed in phases that included separate construction contracts for turn lanes and new mast arm signalization on Harden Boulevard (SR 563) at its intersection with Edgewood Drive; a separate clearing, grubbing and demolition contract from South Lincoln Avenue to west of South Florida Avenue; a design-build project, with FDOT LAP participation, for slime remediation and ditch relocation (including drainage, new pond and construction of 20-inch force main) from Harden Blvd. to South Lincoln Avenue; and a final contract to complete the roadway construction from Harden Blvd. to South Florida Avenue. Cardno also performed construction inspection on this project for the City.

Date of contract: April 2004-September 2012

CITY OF TEMPLE TERRACE

GENERAL ENGINEERING SERVICES

Cardno provides a host of general engineering and surveying services to the City of Temple Terrace including:

- > Construction Management
- > Construction Inspection
- > Roadway and Drainage
- > Environmental
- > Planning
- > Permitting
- > GIS and Asset Management
- > Surveying & SUE
- > Water / Wastewater
- > Stormwater Management Plans

As part of Cardno’s continuing contract, Cardno performed construction inspection for the 127th Avenue (Telecom Parkway) Extension.

Date of contract: Ongoing since 1996.

Below is a list of contacts/references for similar General Engineering contracts Cardno has held or currently holds:

Client	Contact Person	Contact Info
Pinellas County	Greg Cutrone, PE	phone: 727.464.4322
Hernando County	Mark Morgan, PE	phone: 352.540.4368, ext. 35151
Hillsborough County	Chris Bridges, PE	phone: 813.307.1848
City of Oldsmar	Lisa Rhea, PE	phone: 813.749.1134
City of Tarpon Springs	Bob Robertson, PE	phone: 727.942.5610
City of St. Petersburg	Ziba Mohammadi, PE, CBI, PTOE	phone: 727.893.7478
City of Gulfport	Tom Nicholls	phone: 727.893.1090

Client References

1. City of Marathon

Carlos Solis, PE
 Director of Public Works
 & Engineering
 9805 Overseas Highway
 Marathon, Florida, 33050

Phone: 305.289.5008
 Email: solisc@ci.marathon.us

2. City of Marathon

George Garrett
 Deputy City Manager
 9805 Overseas Highway
 Marathon, Florida, 33050

Phone: 305.289.4111
 Email: garretg@ci.marathon.FL.us

3. Lee County Department of Transportation

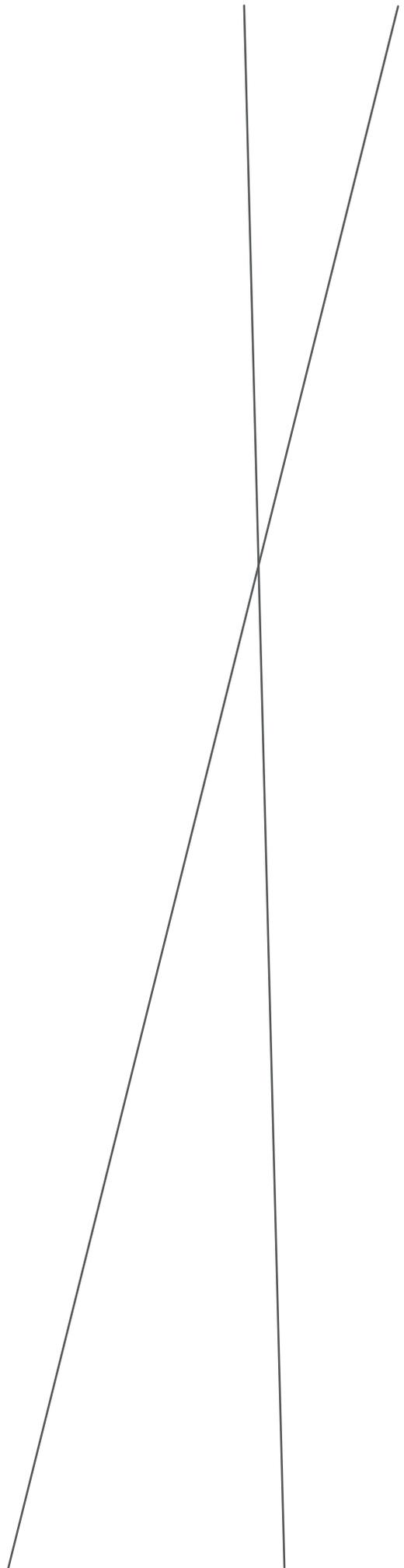
Robert K. Phelan, PE
 Senior Engineer
 1500 Monroe Street
 Fort Myers, Florida 33901

Phone: 239.533.8594
 Email: RPhelan@leegov.com

4. City of Fort Myers

Nicole C. Monahan, PE
 City Engineer
 City of Fort Myers
 2200 Second Street
 Fort Myers, Florida 33902

Phone: 239.321.7459
 Email: nmonahan@cityftmyers.com



Required Forms

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

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

1. This sworn statement is submitted with Bid, Bid or Contract No. 20-003 for
Construction Engineering and Inspection Services

2. This sworn statement is submitted by Cardno, Inc.
(Name of entity submitting sworn statement)
whose business address is 11400 Overseas Highway, Suite 208
Marathon, FL 33050 and (if applicable) its Federal
Employer Identification Number (FEIN) is 45-2663666 (If the entity has no FEIN,
include the Social Security Number of the individual signing this sworn statement.)

3. My name is Lance D. Lairscey and my relationship to
(Please print name of individual signing)
the entity named above is President.

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

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

6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means
 1. A predecessor or successor of a person convicted of a public entity crime: or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which Bids or applies to Bid on contracts for the provision of goods or services

let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

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

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

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

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

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

(Signature)

STATE OF Florida (Date)

COUNTY OF Pinellas

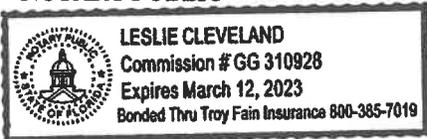
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Lance D. Lairscey
(Name of individual signing)

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

space provided above on this 12th day of February, 2020.

My commission expires: 3/12/2023
NOTARY PUBLIC



INDEMNIFICATION

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

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

CONTRACTOR: Cardno, Inc.

SEAL:



11400 Overseas Highway, Suite 208

Address Marathon, FL 33050

L. D. Lairscey
Signature

Lance D. Lairscey

Print Name

President

Title

February 12, 2020

Date

EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

STATE OF Florida)
 : SS
COUNTY OF Pinellas)

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

By: *P.D. Fain*

Sworn and subscribed before me this

12th day of February, 2020.
Leslie Cleveland
NOTARY PUBLIC, State of Florida at Large



My Commission Expires: March 12, 2023

CONE OF SILENCE AFFIDAVIT

STATE OF Florida)
 : SS
COUNTY OF Pinellas)

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

P. J. Fainy
(signature)
February 12, 2020
(date)

Sworn and subscribed before me this

12th Day of February, 2020.

Leslie Cleveland
NOTARY PUBLIC, State of Florida at Large



My Commission Expires: March 12, 2023



THE CITY OF KEY WEST

1300 White Street
Key West, FL 33040

**ADDENDUM NO. 1 – CONSTRUCTION ENGINEERING AND
INSPECTION SERVICES
RFQ 20-003**

This addendum is issued as supplemental information to the bid package for clarification of certain matters of both a general and a technical nature. The referenced bid package is hereby addended in accordance with the following items:

RFQ Questions Submitted:

1. The submission details read: "Qualification packages shall be limited to 20 double sided pages not including PART 3 / FORMS & AFFIDAVITS." **Does "20 double-sided pages" mean the City wants 10 sheets of paper or 20 sheets of paper?**

City Response: To clarify, we are requesting a limit of **20 total sheets of paper**.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1 by submitting the addendum with their proposal. This Addendum does not alter the bid-opening date of February 12, 2020 at 3:00pm. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.


Signature

Cardno, Inc.
Name of Business



THE CITY OF KEY WEST

1300 White Street
Key West, FL 33040

**ADDENDUM NO. 2 – CONSTRUCTION ENGINEERING AND
INSPECTION SERVICES
RFQ 20-003**

This addendum is issued as supplemental information to the bid package for clarification of certain matters of both a general and a technical nature. The referenced bid package is hereby addended in accordance with the following items:

RFQ Questions Submitted:

1. The submission detail requires example of 5 CEI projects and asks for a “design services fee.” Should this be replaced with our construction management fee or the cost of construction of the project?

City Response: To clarify, we are requesting the **consulting fee for construction engineering and inspection services**, not the cost of construction.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 2 by submitting the addendum with their proposal. This Addendum does not alter the bid-opening date of February 12, 2020 at 3:00pm. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.

A handwritten signature in blue ink, appearing to read "Raymond Hoke", is written over a horizontal line. The signature is stylized and cursive.

Signature

Cardno, Inc.

Name of Business



THE CITY OF KEY WEST

1300 White Street
Key West, FL 33040

**ADDENDUM NO. 3 – CONSTRUCTION ENGINEERING AND
INSPECTION SERVICES
RFQ 20-003**

This addendum is issued as supplemental information to the bid package for clarification of certain matters of both a general and a technical nature. The referenced bid package is hereby addended in accordance with the following items:

RFQ Clarification:

City staff received a request to modify Section 7.15.9 of the Draft Consultant Agreement. As stated in RFQ 20-003, the respondents selected by the city will have the opportunity to negotiate the terms of the contract prior to entering into an agreement. Any requested modifications to contract language will be addressed during the negotiation period.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 3 by submitting the addendum with their proposal. This Addendum does not alter the bid-opening date of February 12, 2020 at 3:00pm. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.

A handwritten signature in blue ink, appearing to read "Rayles", is written over a horizontal line. The signature is stylized and cursive.

Signature

Cardno, Inc.

Name of Business



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

December 4, 2019

Lance Lairscey, President, Infrastructure Division
CARDNO, INC.
380 Park Place Boulevard, Suite 300
Clearwater, Florida 33759

Dear Mr. Lairscey:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 2 - Project Development and Environmental (PD&E) Studies
- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
 - 3.3 - Controlled Access Highway Design
- Group 4 - Highway Design - Bridges
 - 4.1.1 - Miscellaneous Structures
 - 4.1.2 - Minor Bridge Design
 - 4.2.2 - Major Bridge Design - Steel
- Group 5 - Bridge Inspection
 - 5.4 - Bridge Load Rating
- Group 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
 - 6.2 - Traffic Signal Timing
 - 6.3.1 - Intelligent Transportation Systems Analysis and Design
 - 6.3.2 - Intelligent Transportation Systems Implementation
 - 6.3.3 - Intelligent Transportation Traffic Engineering Systems Communications
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization

www.fdot.gov

- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI
 - 10.5.1 - Major Bridge CEI - Concrete
 - 10.5.2 - Major Bridge CEI - Steel
 - 10.5.3 - Major Bridge CEI - Segmental

- Group 13 - Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering
 - 13.7 - Transportation Statistics

- Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until December 31, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
184.68%	144.77%	0.474%	Reimbursed	No	22.36%	22.21%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator



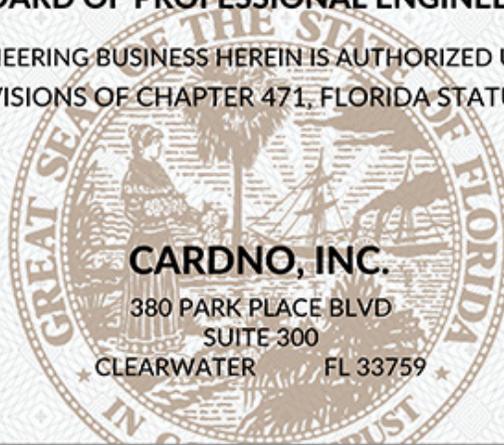
Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES



CARDNO, INC.

380 PARK PLACE BLVD
SUITE 300
CLEARWATER FL 33759

LICENSE NUMBER: CA29915

EXPIRATION DATE: FEBRUARY 28, 2021

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



Detail by FEI/EIN Number

Foreign Profit Corporation
CARDNO, INC.

Filing Information

Document Number F11000004930
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Principal Address

10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124
Changed: 03/20/2019

Mailing Address

10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124
Changed: 03/20/2019

Registered Agent Name & Address

C T CORPORATION SYSTEM
1200 SOUTH PINE ISLAND ROAD
PLANTATION, FL 33324

**Officer/Director Detail
Name & Address**

Title Director, Treasurer
Picard, Jenifer
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title Director
Reisbord, Susan
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title VP
De Hayr, Luke
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title Secretary, VP
Stutz, Julia
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title VP
Howarth, Steve
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title President, Director
Lairscey, Lance
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title VP
Lancioni, Mike
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title VP
Procopio, Joseph
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title VP
Thach, Gretchen
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title Assistant Vice President
Hill, Andrew
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title Assistant Vice President
Ryan, Sally
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title Assistant Vice President
Douglass, James Lloyd
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title Assistant Vice President
O'Connell, Joseph
10004 Park Meadows Drive

Suite 300
Lone Tree, CO 80124

Title Assistant Vice President
Clauson, Sean
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title Asst. Secretary
Richter, Anngie
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title Assistant Vice President
Peck, Stephen
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title Assistant Vice President
Stoker, Douglas
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Title Assistant Vice President
Hudgins, Stephanie
10004 Park Meadows Drive
Suite 300
Lone Tree, CO 80124

Annual Reports

Report Year	Filed Date
2019	03/20/2019
2019	06/07/2019
2019	11/20/2019

**2019 / 2020
MONROE COUNTY BUSINESS TAX RECEIPT
EXPIRES SEPTEMBER 30, 2020**

Business Name: DAVID DOUGLAS ASSOCIATES INC
 Owner Name: L STEVEN HURLEY VP
 Mailing Address: 11400 OVERSEAS HIGHWAY STE 208
 MARATHON, FL 33050
 Business Location: 11400 OVERSEAS HIGHWAY STE 208
 MARATHON, FL 33050
 Business Phone: 239-337-3330
 Business Type: PROFESSIONAL (CIVIL ENG LAND PLANNING
 CONSULTANT)

RECEIPT# 46110-109564

1

STATE LICENSE: 34818

Tax Amount	Transfer Fee	Sub-Total	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	30.00	0.00	0.00	0.00	30.00

Paid 120-18-00002449 09/03/2019 30.00

THIS BECOMES A TAX RECEIPT
WHEN VALIDATED

Danise D. Henriquez, CFC, Tax Collector
PO Box 1129, Key West, FL 33041

THIS IS ONLY A TAX.
YOU MUST MEET ALL
COUNTY AND/OR
MUNICIPALITY PLANNING
AND ZONING REQUIREMENTS.

MONROE COUNTY BUSINESS TAX RECEIPT
P.O. Box 1129, Key West, FL 33041-1129
EXPIRES SEPTEMBER 30, 2020

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Paid 120-18-00002449 09/03/2019 30.00

 RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL GEOLOGISTS

THE GEOLOGY BUSINESS HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

CARDNO, INC
380 PARK PLACE BLVD
SUITE 300
CLEARWATER FL 33759

LICENSE NUMBER: GB768
EXPIRATION DATE: JULY 31, 2020

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 RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
DIVISION OF REAL ESTATE

THE CORPORATION HEREIN HAS REGISTERED UNDER THE PROVISIONS OF CHAPTER 475, FLORIDA STATUTES

CARDNO INC
380 PARK PLACE BLVD
SUITE 300
CLEARWATER FL 33759

LICENSE NUMBER: CQ1046769
EXPIRATION DATE: MARCH 31, 2020

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