

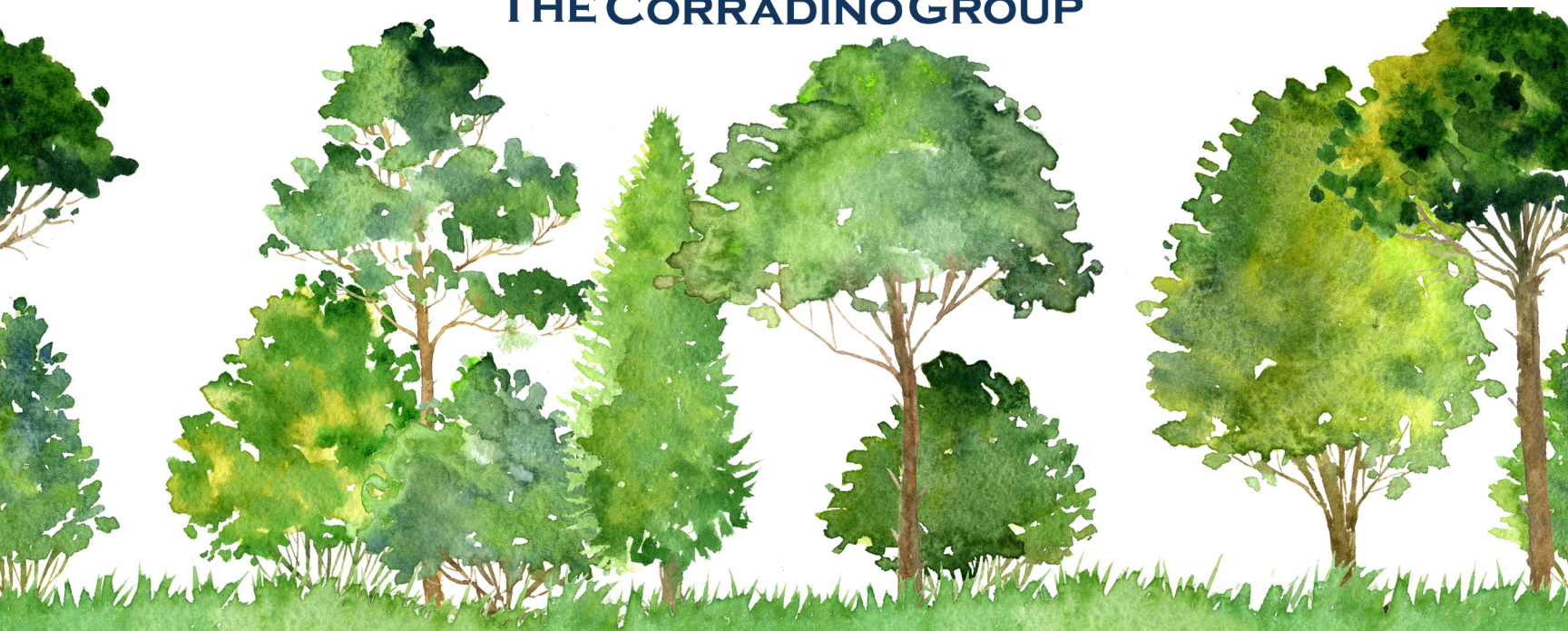


JANUARY 21, 2025

CITY OF COOPER CITY

CONTINUING PROFESSIONAL CONSULTING SERVICES (CCNA) • RFQ #2024-1-PW

THE CORRADINO GROUP





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THE CORRADINO GROUP
RFQ #2024-1-PW



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TAB 2

LETTER OF INTEREST

January 21, 2025

City of Cooper City
Attn: City Clerk's Office
9090 SW 50th Place
Cooper City, FL 33328



RE: RFQ #2024-I-PW

Dear Selection Committee Members:

The Corradino Group, Inc. (Corradino) is pleased to present this Statement of Qualifications in response to the notice released by the City of Cooper City (City) for Continuing Professional Consulting Services. Corradino will serve as the Prime Consultant for this Continuing Professional Services Contract. Corradino has invited CTS Engineering, Inc. (CTS), Miller, Legg & Associates, Inc. (Miller Legg), and Arehna Engineering, Inc. (Arehna) to the Team to support Corradino on this Contract. CTS will provide traffic data collection and support for traffic engineering, transportation planning, and transportation design services. Miller Legg will provide surveying and mapping, subsurface utility exploration, landscape architecture and environmental permitting services. Arehna will provide geotechnical engineering services. Corradino has carefully reviewed the scope of services and fully understands the effort required to provide the city with these Continuing Professional Services. We are confident that we meet all the minimum requirements and special conditions of this request for qualifications.

Corradino submits this statement of qualifications to assist the City of Cooper City with the following Disciplines and Specialized services:

- Civil Engineering
- Transportation/Transit
- Other Services

Corradino understands that the scope of services outlined in RFQ No. 2024-I-PW includes the following anticipated services:

Civil Engineering

- Roadway or Bridge Repairs, Replacement or Construction
- Site Engineering/Planning
- Parking Lots
- Structural Analysis, Design and Reporting

Transportation/Transit

- Traffic/Mobility Studies
- Traffic Calming
- Signage/Pavement Marking
- Parking Analysis
- Signalization

Other Services

- Bridge
- GIS for Engineering, Utilities, and Development Services
- Construction Engineering Inspection Services FDOT Certified
- Construction Engineering Inspection Services Non-FDOT Certified
- Engineering Plan Review

- Project Management
- Owners Representative
- Cost Estimating
- Grant Management

Corradino has extensive experience with these types of professional engineering services and will provide the necessary resources to take on and complete any task this contract may entail on time. The combined strength of everyone on our team is available and ready to serve with excellence – we are proud of our reputation for high-quality work. The Corradino Team also offers a unique approach to serving the City of Cooper City: we will protect your interests and provide high-quality engineering and planning solutions and innovative cost-saving solutions to the city. Our strategy is to work as a valued partner with the city to accomplish your goals and objectives. Our approach is based on achieving success for the city by providing the following:

We are Responsive. The nature of general consulting is such that responsiveness is the key to maintaining a long-term professional relationship. Many consultants claim to be responsive; however, we take great pride in ensuring we are immediately accessible and responsive to our client's needs. This is demonstrated in the over twenty-five (25) General Consulting Contracts we serve throughout Florida. We look forward to continuing the relationship we have fostered in our prior role with the city for similar on-call contracts.

Our team's leadership is a critical component of success. The City of Cooper City's Professional Services Contract requires clear lines of communication and responsive contact points between the Corradino Team and the city. Joseph M. Corradino, AICP, President of Corradino, will be the Principal-in-Charge for this contract and can be contacted at 305-606-2364 with an office address of 4055 NW 97th Avenue, Suite 200, Miami, FL 33178. Eric Czerniejewski, PE, ENV SP, Director of Traffic Engineering, will be the Project Manager and will lead the Corradino Team on all transportation and traffic engineering task work order assignments for this contract. They will each be authorized to make representations for the Corradino Team. Eric has over 27 years of experience in traffic engineering, transportation engineering, and general civil engineering consulting in South Florida, emphasizing project management, design, and construction of infrastructure projects. This multidisciplinary contract requires a project manager who can coordinate the multiple aspects and stakeholders of the requested task work orders. Mr. Czerniejewski has numerous years of local experience working for state agencies, cities, and municipalities across South Florida, including the City of Cooper City. Our approach is to listen, understand what our clients want, and provide options to achieve goals efficiently and effectively.

We have the Technical Expertise. The Corradino Team includes experts in traffic engineering, including traffic studies, development peer review services, complete streets design, roadway design, urban planning and design, drainage design and planning services, quality assurance, construction engineering inspection services, project management, and public involvement. Our team offers the city access to the expertise and experience of a combined Florida-based staff of planners, engineers, construction professionals, and technicians who can readily assist the city with this important contract. Corradino is well-qualified for this project because of our strong background in transportation engineering and municipal services and our history in the South Florida Region. CTS, Arehna and Miller Legg add additional technical expertise and support to Corradino which results in an overall well rounded team of professionals.

Corradino is the preferred consultant for municipalities, possessing a deep understanding of their operations. We have tailored our municipal services department specifically for these contracts. With extensive experience working with numerous communities facing similar transportation infrastructure challenges, our technical expertise in South Florida municipalities enables us to deliver our Professional Engineering Services with a focus on resilience.

Corradino is committed to the City of Cooper City on this Continuing Professional Services contract. The Corradino Fort Lauderdale office, located at 5200 NW 33rd Avenue, Suite 203, Fort Lauderdale, FL 33309, will be the office location that will service this contract. Our office is approximately 15.1 miles away from the City of Cooper City. Corradino maintains a staff of 200+ employees. Corradino acknowledges and confirms that The Corradino Group, Inc. has been in continuous practice for over 50 years, from the date this RFQ is issued, in providing the services requested in this RFQ, and is professionally licensed to practice engineering in the State of Florida, as well as a C Corporation. Our statement of

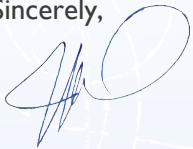
qualifications provides a copy of our relevant licenses and insurance. Corradino agrees to be bound by the requirements of the city's Request and the firm's response.

Corradino has worked with the city staff on peer review of numerous development and redevelopment applications in the past few years, including the Chabad of SW Broward, Brightstar Credit Union, First Baptist Church School Expansion, Kingfisher Reserve, USPS site Townhomes/Lock Up Storage, Nur Islam Expansion and the Hanson Development. Corradino has the expertise to provide these services seamlessly, from the initial traffic study methodology meeting to the land use board meetings, with detailed approval conditions. Corradino focuses almost entirely on public sector clients to avoid conflicts of interest. Corradino continues to not have conflicts of interest with performing these peer review services of these private land development projects. Corradino is also committed to devoting suitable staff to perform the work tasks and submit the peer review deliverables within the specified time outlined by the City Planning and Zoning Division. Corradino will have multiple peer review teams ready to address all consultant service task work orders as assigned.

We appreciate the opportunity to respond to this request and know that, given the chance, the city will benefit from our extensive experience in the Professional Engineering and Planning Services industry. Through the due diligence process of Corradino's provided references, you will find that Corradino's past performance specifically relates to similar Civil Engineering, Transportation and Traffic Engineering, and Transit planning services. Corradino brings significant depth of technical expertise and knowledge. Client satisfaction remains our underlying theme and is the most essential part of any statement on past performance.

Corradino focuses on professionalism, responsiveness, and commitment. Every assignment is approached with services to fit the project's individual needs. Corradino is proud of its reputation as a "can-do" organization that delivers quality projects on time and within budget. Corradino is committed to meeting the City of Cooper City's schedule and budget requirements for all task work orders issued on this contract. We request consideration for selection on this Professional Consultant Services contract and are prepared to continue our working relationship with the city and start work.

Sincerely,



Joseph M. Corradino, AICP - President
The Corradino Group, Inc.



TAB 3

TAB 3

STANDARD FORM 330

THE CORRADINO GROUP
RFQ #2024-1-PW



ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Continuing Professional Consulting Services (CCNA) (Cooper City, FL)

2. PUBLIC NOTICE DATE

October 31, 2024

3. SOLICITATION OR PROJECT NUMBER

RFQ #: 2024-1-PW

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Eric Czerniejewski, PE, ENV SP, Traffic Engineering Division Manager

5. NAME OF FIRM

The Corradino Group, Inc.

6. TELEPHONE NUMBER

305.594.0735

7. FAX NUMBER

305.594.0755

8. E-MAIL ADDRESS

eczerniejewski@corradino.com

C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
a.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The Corradino Group, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	4055 NW 97th Avenue Suite 200 Doral, FL 33178	Civil Engineering; Transportation/Transit; Other Services
b.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Miller Legg & Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	13680 NW 5th Street Suite 200 Sunrise, FL 33325-6234	Surveying & Mapping; Subsurface Utility Exploration; Landscape Architecture; Environmental Permitting
c.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	AREHNA Engineering, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	5389 N Nob Hill Road Sunrise, Florida 33351	Geotechnical Engineering; Materials Testing & Engineering; Pavement Management
d.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CTS Engineering, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	3230 W Commercial Boulevard Suite 220 Fort Lauderdale, FL 33309	Traffic Data Collection; Support for Traffic Engineering; Transportation Planning; Transportation Design
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ (Attached)



ORGANIZATIONAL CHART





E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Eric Czerniejewski, PE, ENV SP	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 27	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) ● BS Civil Engineering, Southern Illinois University, 1997		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) ● Professional Engineer, Florida No. 58002	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ● Licensed Professional Civil Engineer - Florida Board of Professional Engineers: License 58002 ● ENVISION Professional Institute of Sustainable Infrastructure (ISI)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	City of Oakland Park Professional Engineering Services Oakland Park, FL	Ongoing (Task Orders)	Ongoing (Task Orders)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Providing Traffic and Transportation Engineering Services. These services include traffic and transportation engineering, intersection and signalization analysis and design, roundabout design, roadway service analysis, public school traffic analysis, city-wide traffic modeling, corridor signal timing, traffic calming, and neighborhood traffic mitigation. The project also involves responding to citizen inquiries, coordinating with key government agencies.		
b.	City of Cooper City Traffic and Transportation Engineering Services Cooper City, FL	Ongoing (Task Orders)	Ongoing (Task Orders)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Providing various traffic and transportation engineering services to Cooper City under a Continuing Engineering Consultant Services Contract. The work includes intersection and signalization analysis, roundabout design, traffic modeling, traffic calming, and grant submittals for city projects. Provided traffic and plan reviews as part of the Development Review Committee. Prepared grant submittals for City projects for inclusion in the Complete Streets and Other Localized Initiatives Program (CSLIP) and the Broward Mobility Advancement Program (MAP).		
c.	Town of Palm Beach Commercial Areas Traffic and Parking Analysis, Palm Beach, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Reviewed traffic impacts of existing restaurants and parking supply in commercial areas, collected peak hour traffic counts at 24 intersections, and used Big Data for travel pattern analysis. Corradino performed intersection capacity analysis for current and future scenarios and evaluated queuing at bridge openings, coordinating with local authorities on signal timing. Collected morning and afternoon peak hour turning movement counts on a typical weekday (during school) at 24 intersections within the project radius of influence.		
d.	Town of Surfside General Traffic and Transportation Engineering Services, Surfside, FL	Ongoing (Task Order)	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Provided traffic and transportation engineering services, including intersection and signalization analysis, roundabout design, traffic modeling, traffic calming, and grant submittals for town projects and inquiries and coordinated the interests of the Town with the Miami Dade County Department of Transportation and Public Works, FDOT District VI and other key stakeholder government agencies.		
e.	Town of Cutler Bay Traffic Engineering Services Cutler Bay, FL	Ongoing (Task Order)	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager/Traffic Consultant: Provided traffic and transportation engineering services, including intersection analysis, roundabout design, traffic modeling, and grant submittals for town projects, including in-house support and DRC traffic engineering review. Corradino Group also updated the Transportation Element of the Growth Management Plan, the Transportation Master Plan, and the Complete Streets Corridor Analysis.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Joseph M. Corradino, AICP	13. ROLE IN THIS CONTRACT Principal-In-Charge	14. YEARS EXPERIENCE a. TOTAL 31 b. WITH CURRENT FIRM 30	
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) • MA Community Planning, University of Cincinnati, 1992 • BA Geography, Villanova University, Geography, 1990		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • American Institute of Certified Planners (AICP) Florida No. 012032	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) • APA Award for Outstanding Mobility Project: Palmetto Bay Transportation Master Plan • APA Award for Excellence: Miami Beach Municipal Mobility Study Clearwater "One City, One Future" Strategic Plan • APA Award for Outstanding Achievement: Alton Road Traffic Calming Transportation Concurrency Management Areas			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
City of Homestead General Planning Services Homestead, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Development Services Director: Complete Comprehensive Plan Future Land Use Plan Map amendments, rezoning of city-owned properties in downtown Homestead and amending the zoning code to allow for public and retail/entertainment facilities. Mr. Corradino oversees the Business Licensing Division, the Planning and Zoning Division, and the Building Division. This department has a combined budget of nearly \$2 million. This year it issued about 5,000 permits, and over 13,000 inspections, generating almost \$4 million in revenue. The department renews almost 2,500 business licenses and processes nearly 80 public or administrative hearings annually.		
Town of Cutler Bay Comprehensive Plan, Zoning Code Cutler Bay, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Principal-in-Charge: Corradino serves as the Town's General Consultant assisting with transportation, planning and engineering projects. As part of this GES contract, Corradino produced the Transportation Master Plan and completed traffic calming analyses. Corradino led the effort to write the Towns' Comprehensive Plan, which led to a significant intensification and diversification of the land uses in the Southland Mall area. This activity is critical in providing the land use intensity required to support mass transit.		
Miami-Dade County TPO SMART Plan/North Corridor Miami-Dade County, FL	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Project Manager: In 2016, the Miami-Dade TPO Governing Board passed the Strategic Miami Area Rapid Transit (SMART) Plan recognizing the community's long-standing desire to advance a program of rapid transit and supporting projects to address the mobility needs throughout Miami-Dade County. The six SMART Corridors are: North Corridor (NW 27th Avenue); South Dade TransitWay; Tri-Rail Coastal Link (Northeast/FEC Corridor); East-West Corridor (SR-836); Kendall Corridor; and Beach Corridor.		
City of Doral Transportation Master Plan, General Planning & Engineering Services, Doral, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Principal-in-Charge/Project Manager: Doral aligns with the East/West Corridor. The issue here is that Doral's downtown is bursting with growth. Since incorporation, the city has worked diligently to re-land use and "up zone" the community. Corradino developed the city's first transportation master plan and reviewed developments moving through the public hearing process.		
City of Fort Lauderdale, Las Olas Streetscape Corridor Study Fort Lauderdale, FL	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. Principal-in-Charge: The Conceptual Design included a consensus vision that enhances the branding for the Boulevard and the city's as both an international destination and the place for live, work, and play in South Florida. The Conceptual Design created a coordinated, iconic, context-sensitive design for the five distinct character areas. The traffic analysis included a review of the existing and future 2040 conditions.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Mike Ciscar, PE	13. ROLE IN THIS CONTRACT QA/QC Engineering	14. YEARS EXPERIENCE a. TOTAL 32 b. WITH CURRENT FIRM 23	
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) • BS Civil Engineering, University of Florida, 1985		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • Professional Engineer, Florida No. 0043244	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) • FDOT Sustained Superior Accomplishment Award • FDOT Jay W. Brown Award, Manager of the Year • FDOT Ben G. Watts Award Leader of the Year • TEAMFL Chairman's Award for 95 Express Phase 1 and 2			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. Broward Commuter Rail/Tri-Rail Coastal Link PD&E Study Broward County, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Lead: The BCR PD&E Study aims to develop and analyze alternatives to integrate passenger and freight service along the Florida East Coast (FEC) Railway. The study seeks to address congestion issues and support economic and land development policies in the eastern area of Broward County by improving mobility. The BCR is a 27-mile segment from Aventura in Miami-Dade County to Deerfield Beach in Broward County. This commuter rail service will include rail, signaling, safety, communications improvements, and passenger amenities. Up to nine potential stations will be studied and evaluated within the study limits.	2024	N/A
<input checked="" type="checkbox"/> Check if project performed with current firm		
b. PD&E Services for Widening Sawgrass, Florida's Turnpike Enterprise Broward County, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: The purpose of this PD&E Study is to evaluate alternatives for the widening of the Sawgrass Expressway, SR 869, from south of US 441 (SR 7) to Powerline Road and along the Florida's Turnpike (SR 91) approximately one mile north and south of the Sawgrass Expressway Interchange. Close coordination shall be performed with the department's PD&E study for the widening of the Sawgrass Expressway.	Ongoing	N/A
<input checked="" type="checkbox"/> Check if project performed with current firm		
c. FDOT D6 - SR 826/Palmetto Expressway PD&E Study Miami-Dade County, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: The purpose of this PD&E Study is to evaluate alternatives for the widening of the Palmetto Expressway, SR 826, a limited access facility, from US 1/SR 5 to SR 836/Dolphin Expressway, approximately MP 0.0 to MP 7.076 for the inclusion of express lanes along the corridor. This project is intended to complement and support the SR 826/SR 836 Interchange Improvements (Section Five), SR 826.	Ongoing	N/A
<input checked="" type="checkbox"/> Check if project performed with current firm		
d. FDOT D6 - SR 826/Palmetto Expressway East-West Managed Lanes PD&E Study Miami-Dade County, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-in-Charge: Major highway extension between SR 826 and the Florida's Turnpike, including new connection system points, the development of new structures, existing ramp improvements, interchange analysis, environmental studies, extensive public outreach, and ITS technologies implementation.	2017	N/A
<input checked="" type="checkbox"/> Check if project performed with current firm		
e. City of Hialeah General Engineering Services and Roadway Improvement Program Completed Projects, Hialeah, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-In-Charge: Corradino provided roadway design services to the City of Hialeah for the reconstruction and streetscape of several roadways. The scope included complete corridor reconstruction, including travel lanes, parking lanes, drainage improvements, signage and pavement markings, lighting, and landscape enhancements. Drainage reconstruction generally consisted of installing exfiltration trenches to meet DERM's water quality and flood protection criteria.	Ongoing (Task Order)	Ongoing (Task Order)
<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 Srin Varanasi	13. ROLE IN THIS CONTRACT Transportation Modeling	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Fort Lauderdale, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) <ul style="list-style-type: none"> MS Civil Engineering, Louisiana State University, 2003 BS Civil Engineering, Andhra University, India, 2001 		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Innovative Methods (Prime Author) <ul style="list-style-type: none"> WIFI Data Collection and the Effectiveness of Various Survey Expansion Techniques I-295 Truck Corridor Forecasts Development using Streetlight OD data, applications of Big Data Dynamic Traffic Assignment (DTA) Models using Streetlight OD Data Application of Big Data 			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	FDOT D4, Districtwide Urban Models Support with TCRPM 5 Model Development, Martin, St. Lucie, and Indian River Counties, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Corradino was selected by FDOT District 4 to provide Districtwide Urban Models Support, which includes the development of Treasure Coast Regional Planning Model 5 (TCRPM5). Corradino led a team of consultants to develop and implement a Coordinated Travel Regional Activity-Based Modeling Platform (CT-RAMP) model for the Treasure Coast Region of Florida, which included Martin, St. Lucie, and Indian River counties. This model is the successor to the Treasure Coast Regional Planning Model (TCRPM) version 4 and TCRPM 3, the Greater Treasure Coast Model (GTCRM), all developed by Corradino.		
b.	Miami-Dade TPO, Miami-Dade Systemwide STOPS Models (2015, 2019, & 2023), and Multimodal Forecasts Development, Miami, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Performed project management activities in developing Miami-Dade systemwide STOPS models for 2015, 2019, and for the ongoing 2023 base year updates. In addition, provided technical assistance in developing corridor transit ridership forecasts, GTFS network coding, STOPS model skims development, and land use allocation procedures development.		
c.	St. Lucie TPO General Planning Consulting, St. Lucie County, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: On-Call Consultants for the St. Lucie TPO. As part of this contract, the St. Lucie TPO tasked Corradino with performing several modeling and planning services, including the following: micro-mobility study, carbon footprint reduction strategies, scenario testing, sustainable transportation network development and strategies, Land use data updates and travel demand modeling impacts, and long-range transportation planning support (under negotiations).		
d.	Lee County MPO Corridor Congestion Dashboard Lee County, FL	2022	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Corradino assisted Lee County MPO in developing a Dashboard that can interactively display corridor congestion data on its major corridors for the existing and future conditions. The corridor congestion data will include, but not limited to, average speeds, average traffic counts, congested miles traveled, vehicle miles traveled, number of lanes, and functional class/facility type characteristics. Data on the existing conditions will be obtained from FDOT and various other sources.		
e.	Gainesville MTPO, County Model Update, Scenario Forecasts, and Visualization Dashboard Development, Alachua County, FL	2020	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Corradino was responsible for new data development, calibration, and validation of all model components. This task updated TAZ socioeconomic data using the latest ACS/Parcel Data, re-developed the roadway network, adjusted trip rates, calibrated trip distribution parameters by trip purpose, re-calibrated the mode choice model, updated E-I, I-E, and E-E auto trip tables to match the latest traffic counts. The new base model was calibrated to the latest counts, following the FDOT model.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Kenneth D. Kaltenbach, PE	13. ROLE IN THIS CONTRACT Transportation Modeling	14. YEARS EXPERIENCE a. TOTAL 50 b. WITH CURRENT FIRM 47	
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Louisville, KY			
16. EDUCATION (DEGREE AND SPECIALIZATION) • MS Civil Engineering, University of Kentucky, 1972 • BS Civil Engineering, University of Kentucky, 1971		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • Professional Engineer, Florida No. 23921	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) • "FSUTMS/CUBE Tranplan Workshop," Institute of Transportation Engineers, FDOT, 2006 • "Thinking Beyond the Pavement, Context Sensitive Design Workshop," University of Kentucky, 2004 • "Congestion Performance Measures Workshop," Kentucky Transportation Cabinet/TTI, 2003 • "Freight Modeling Workshop," FDOT, 2002 • "Travel Surveys," Kentucky Transportation Cabinet/FHWA, 2002			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. (1) TITLE AND LOCATION (CITY AND STATE) FDOT D4, Districtwide Urban Models Support with TCRPM 5 Model Development, Martin, St. Lucie, and Indian River Counties, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal: Corradino was selected by FDOT District 4 to provide Districtwide Urban Models Support, which includes the development of Treasure Coast Regional Planning Model 5 (TCRPM5). Corradino led a team of consultants to develop and implement a Coordinated Travel Regional Activity-Based Modeling Platform (CT-RAMP) model for the Treasure Coast Region of Florida, which included Martin, St. Lucie, and Indian River counties. This model is the successor to the Treasure Coast Regional Planning Model (TCRPM) version 4 and TCRPM 3, the Greater Treasure Coast Model (GTCRM), all developed by Corradino.	<input checked="" type="checkbox"/> Check if project performed with current firm Ongoing	CONSTRUCTION (If applicable) 2009
b. (1) TITLE AND LOCATION (CITY AND STATE) Miami-Dade TPO, Miami-Dade Systemwide STOPS Models (2015, 2019, & 2023), and Multimodal Forecasts Development, Miami, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal: Performed project management activities in developing Miami-Dade systemwide STOPS models for 2015, 2019, and for the ongoing 2023 base year updates. In addition, provided technical assistance in developing corridor transit ridership forecasts, GTFS network coding, STOPS model skims development, and land use allocation procedures development.	<input checked="" type="checkbox"/> Check if project performed with current firm Ongoing	CONSTRUCTION (If applicable) N/A
c. (1) TITLE AND LOCATION (CITY AND STATE) St. Lucie TPO General Planning Consulting, St. Lucie County, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal: On-Call Consultants for the St. Lucie TPO. As part of this contract, the St. Lucie TPO tasked Corradino with performing several modeling and planning services, including the following: micro-mobility study, carbon footprint reduction strategies, scenario testing, sustainable transportation network development and strategies, Land use data updates and travel demand modeling impacts, and long-range transportation planning support (under negotiations).	<input checked="" type="checkbox"/> Check if project performed with current firm Ongoing	CONSTRUCTION (If applicable) N/A
d. (1) TITLE AND LOCATION (CITY AND STATE) Lee County MPO Corridor Congestion Dashboard Lee County, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal: Corradino assisted Lee County MPO in developing a Dashboard that can interactively display corridor congestion data on its major corridors for the existing and future conditions. The corridor congestion data will include, but not limited to, average speeds, average traffic counts, congested miles traveled, vehicle miles traveled, number of lanes, and functional class/facility type characteristics. Data on the existing conditions will be obtained from FDOT and various other sources	<input checked="" type="checkbox"/> Check if project performed with current firm 2022	CONSTRUCTION (If applicable) N/A
e. (1) TITLE AND LOCATION (CITY AND STATE) Gainesville MTPO, County Model Update, Scenario Forecasts, and Visualization Dashboard Development, Alachua County, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal: Corradino updated TAZ socioeconomic data using the latest ACS/Parcel Data, re-developed the roadway network, adjusted trip rates, calibrated trip distribution parameters by trip purpose, re-calibrated the mode choice model, updated E-I, I-E, and E-E auto trip tables to match the latest traffic counts. The new base model was calibrated to the latest counts.	<input checked="" type="checkbox"/> Check if project performed with current firm 2020	CONSTRUCTION (If applicable) N/A



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Aditya Katragadda, PTP	13. ROLE IN THIS CONTRACT Transportation Modeling	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Fort Lauderdale, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) <ul style="list-style-type: none"> MS, Environmental and Urban System, Florida International University, 2009 BTECH, Planning – Urban & Regional, J.N.T. University, Hyderabad, India, 2006 		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <ul style="list-style-type: none"> Professional Transportation Planner, DC No. 645 	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Innovative Methods (CoAuthor/Contributor) <ul style="list-style-type: none"> WIFI Data Collection and the Effectiveness of Various Survey Expansion Techniques - A Case Study on I-95 Corridor in Palm Beach County, FL I-295 Truck Corridor Forecasts Development, Richmond, VA Dynamic Traffic Assignment (DTA) Models Using Streetlight OD Data Application of Big Data, Richmond, VA 			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	FDOT D4, Districtwide Urban Models Support with TCRPM 5 Model Development, Martin, St. Lucie, and Indian River Counties, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Transportation Modeler: Corradino was selected by FDOT District 4 to provide Districtwide Urban Models Support, which includes the development of Treasure Coast Regional Planning Model 5 (TCRPM5). Corradino led a team of consultants to develop and implement a Coordinated Travel Regional Activity-Based Modeling Platform (CT-RAMP) model for the Treasure Coast Region of Florida, which included Martin, St. Lucie, and Indian River counties.		
b.	Miami-Dade TPO, Miami-Dade Systemwide STOPS Models (2015, 2019, & 2023), and Multimodal Forecasts Development, Miami, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Transportation Modeler: Performed project management activities in developing Miami-Dade systemwide STOPS models for 2015, 2019, and for the ongoing 2023 base year updates. In addition, provided technical assistance in developing corridor transit ridership forecasts, GTFS network coding, STOPS model skims development, and land use allocation procedures development.		
c.	St. Lucie TPO General Planning Consulting, St. Lucie County, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Transportation Modeler: On-Call Consultants for the St. Lucie TPO. As part of this contract, the St. Lucie TPO tasked Corradino with performing several modeling and planning services, including the following: micro-mobility study, carbon footprint reduction strategies, scenario testing, sustainable transportation network development and strategies.		
d.	Lee County MPO Corridor Congestion Dashboard Lee County, FL	2022	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Transportation Modeler: Corradino assisted Lee County MPO in developing a Dashboard that can interactively display corridor congestion data on its major corridors for the existing and future conditions. The corridor congestion data will include, but not limited to, average speeds, average traffic counts, congested miles traveled, vehicle miles traveled, number of lanes, and functional class/facility type characteristics. Data on the existing conditions will be obtained from FDOT and various other source		
e.	Gainesville MTPO, County Model Update, Scenario Forecasts, and Visualization Dashboard Development, Alachua County, FL	2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Transportation Modeler: Corradino TAZ socioeconomic data using the latest ACS/Parcel Data, re-developed the roadway network, adjusted trip rates, calibrated trip distribution parameters by trip purpose, re-calibrated the mode choice model, updated E-I, I-E, and E-E auto trip tables to match the latest traffic counts. The new base model was calibrated to the latest counts.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Diana White, PE, PTOE	13. ROLE IN THIS CONTRACT Traffic/Transportation Engineer	14. YEARS EXPERIENCE a. TOTAL 18 b. WITH CURRENT FIRM 2	
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) • BS, Civil Engineering, Florida Atlantic University, 2006		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • Professional Engineer - Florida No.74567 • Professional Traffic Operations Engineer - No. 5707	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) • Advanced MOT Certification No.76667 • Institute of Transportation Engineers (ITE) • American Society of Civil Engineers (ASCE)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. City of Oakland Park Professional Engineering Services Oakland Park, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Traffic Engineer: Providing Traffic and Transportation Engineering Services. These services include traffic and transportation engineering, intersection and signalization analysis and design, roundabout design, roadway service analysis, public school traffic analysis, city-wide traffic modeling, corridor signal timing, traffic calming, and neighborhood traffic mitigation. The project also involves responding to citizen inquiries, coordinating with key government agencies.	Ongoing (Task Orders)	Ongoing (Task Orders)
b. City of Cooper City Traffic and Transportation Engineering Services Cooper City, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Traffic Engineer: Providing various traffic and transportation engineering services to Cooper City under a Continuing Engineering Consultant Services Contract. The work includes intersection and signalization analysis, roundabout design, traffic modeling, traffic calming, and grant submittals for city projects. Provided traffic and plan reviews as part of the Development Review Committee. Prepared grant submittals for City projects for inclusion in the Complete Streets and Other Localized Initiatives Program (CSLIP) and the Broward Mobility Advancement Program (MAP).	Ongoing (Task Orders)	Ongoing (Task Orders)
c. Town of Palm Beach Commercial Areas Traffic and Parking Analysis, Palm Beach, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Engineer: Reviewed traffic impacts of existing restaurants and parking supply in commercial areas, collected peak hour traffic counts at 24 intersections, and used Big Data for travel pattern analysis. Corradino performed intersection capacity analysis for current and future scenarios and evaluated queuing at bridge openings, coordinating with local authorities on signal timing. Collected morning and afternoon peak hour turning movement counts on a typical weekday (during school) at 24 intersections within the project radius of influence.	Ongoing	N/A
d. City of Miami Beach, General Transportation Planning and Traffic Engineering Services, Miami Beach, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Traffic Engineer: Provided a variety of traffic and transportation engineering services including land use boards traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, valet-parking analysis, signal timing progression analysis, traffic calming and neighborhood traffic mitigation.	Ongoing	N/A
e. Town of Davie, College Avenue Phase 2 Davie, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Engineer of Record. Prepared access management along the corridor segment from SR 84 to Nova Drive along with the signal modifications needed at College Avenue and Nova Drive due to the widening of the College Drive corridor.	2021	N/A



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Vanessa Spatafora, PE	Transportation/Traffic Planning	15	12

15. FIRM NAME AND LOCATION (City and State)
The Corradino Group, Inc. - Doral, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)
● BS Civil Engineering, University of Florida, 2009

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
● Professional Engineer, Florida, No. 77741

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mrs. Spatafora has performed all facets of roadway design and has extensive experience with Florida Department of Transportation (FDOT) procedures, including plans production, preparation of specifications, maintenance of traffic, and cost estimates. In addition, she has considerable highway, intelligent transportation system, crash data analysis and safety evaluation experience.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	City of Homestead, Biscayne Everglades Greenway Traffic Study <i>Homestead, FL</i>	2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer: Conducted a Traffic and Pedestrian Study for the Homestead Biscayne Everglades Greenway. The study focused on the three proposed pedestrian crossings just to the south of Canal C-103 bridges/structures located at SW 162nd Avenue, SW 152nd Avenue, and SW 147th Avenue. The three pedestrian crossings were analyzed for speed data, projected vehicle, pedestrian, and bicycle volumes, operational analysis of roadway segments, sight distance, and crash data.		
b.	City of Aventura, Traffic Engineering Services <i>Aventura, FL</i>	2020	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer: Providing traffic consulting services, acting as Engineer of Record for traffic engineering task work orders for various traffic and transportation engineering services including DRC traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with the Miami-Dade County Department of Transportation and Public Works, FDOT District 6.		
c.	Miami-Dade TPO, SMART Plan General Consultant Services <i>Miami-Dade, FL</i>	Ongoing (Task Order)	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: In-house support staff assisting in developing and administering the Strategic Miami Area Rapid Transit (SMART) Plan studies. Responsibilities include quality control reviews, research, and analysis as required to support the Miami-Dade TPO staff.		
d.	City of Fort Lauderdale, General Traffic and Transportation Planning and Engineering Services, Ft. Lauderdale, FL	Ongoing (Task Order)	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer: Serves as in-house support staff and transportation and mobility liaison to the Department of Sustainable Development for traffic reviews for development projects.		
e.	FDOT District 4, I-95 PD&E Study, Add Express Lanes <i>Broward County, FL</i>	2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Development Engineer: Assisted with preparing material to be incorporated into project development reports, traffic analysis reports, justification reports, special reports, and handout materials. The project included the addition of express lanes to the I-95 corridor. Vanessa assisted with travel demand forecasting, concept development, report development, crash data analysis, and safety analysis.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Edward Ng, MPP, MPL, AICP	Transportation Planning	12	11

15. FIRM NAME AND LOCATION (City and State)
The Corradino Group, Inc. - Miami, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
<ul style="list-style-type: none"> Master Public Policy, University of Southern California, 2012 Master Planning, University of Southern California, 2012 BA Planning and Public Policy, Rutgers University, 2008 	<ul style="list-style-type: none"> American Institute of Certified Planner (AICP) No. 28927

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

- Robert Biller Award for Best Performance in the MPP Practicum
- Outstanding Graduate Student Leader Award
- SPPD Academic Capstone Achievement Award
- LGBT Service Award, USC

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	City of Fort Lauderdale Comprehensive Plan Fort Lauderdale, FL	2021	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: This project revised and replaced the existing comprehensive plan, introduced new elements such as Climate Change, Urban Design, and Economic Development, and built upon public school facilities by expanding the scope of policies in an Education Element geared for all ages. It also conducted an analysis of economic conditions and development, transportation, land use, and urban design.		
b.	City of Fort Lauderdale, Evaluation and Appraisal Report (EAR) Update, Ft. Lauderdale, FL	2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager/Lead Planner: Lead planner for review of major issues as part of EAR update. Analyzed economic conditions, development, transportation, land use, and urban design. Provided support in the provision of all statutorily required maps for the EAR. Project manager for the updates to the report's Data and Analysis (Volume II).		
c.	City of North Miami Beach, General Services North Miami Beach, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Served as the city's Interim Planning Director. Oversight included successful efforts to improve the city's CRS program/rating. Corradino's planning team conducted general planning ranging from affordable housing analysis to upcoming vulnerability assessment, sustainability analysis, and LDR updates.		
d.	Town of Palm Beach, Land Development Regulations Update Palm Beach, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Planner: Currently working with the town to update its land development regulations in its first complete overhaul since the 1970s. Revised standards will include updates to address climate change considerations and urban design, including lot coverage, building heights and freeboard regulations, seawall regulations, and landscaping and drainage.		
e.	Town of Fort Myers Beach, Comprehensive Plan, and LDR Update Fort Myers Beach, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: This project will update the comprehensive plan and land development regulations with new requirements after Hurricane Ian. Corradino's planning team analyzed economic conditions, development, transportation, land use, and urban design.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Mark Alvarez	Transportation Planning	32	6

15. FIRM NAME AND LOCATION (City and State)
The Corradino Group, Inc. - Miami, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
<ul style="list-style-type: none"> MS, Civil Engineering, Ohio State University, 1992 MCRP, Ohio State University, 1992 BS, Business Operations Management, Ohio State University, 1988 	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Certifications: <ul style="list-style-type: none"> Professionalism & Ethics for Lobbyists, Florida International University Pedestrian & ADA Safety Program, Florida Department of Transportation 	Board Appointments: <ul style="list-style-type: none"> Southeast Florida Clean Cities Coalition City of Miami Selection Committee, Miami Midtown Trolley Plan Miami Upper East Side Development Council, Boulevard Oversight Committee
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19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Fort Lauderdale Central City CRA Rezoning <i>Ft. Lauderdale, FL</i>	2024	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Developed new zoning districts to establish a mixed-use core and establish a local activity center (LAC) with transitional edge areas between residential and commercial corridors. The code included artisan light-industrial uses and live-work units in the mixed-use district to increase commercial space viability. Implementation included working with the city to develop a Land Use Plan Amendment and subsequent zoning amendments.		
b.	Town of Palm Beach Commercial Areas Traffic and Parking Analysis, Palm Beach, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Planner: Reviewed traffic impacts of existing restaurants and parking supply in commercial areas, collected peak hour traffic counts at 24 intersections, and used Big Data for travel pattern analysis. Corradino performed intersection capacity analysis for current and future scenarios and evaluated queuing at bridge openings, coordinating with local authorities on signal timing. Collected morning and afternoon peak hour turning movement counts on a typical weekday (during school) at 24 intersections within the project radius of influence.		
c.	City of South Miami Downtown and Commercial District Code Rewrite, South Miami, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Worked with community, developers, elected officials, and administration, rewriting all commercial zoning districts as mixed-use with transitions to residential areas. Implementation included working with the city to develop a Land Use Plan Amendment and subsequent zoning amendments.		
d.	Miami-Dade TPO First-Mile/Last-Mile Mobility Study <i>Miami-Dade County, FL</i>	2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Planner: This study evaluated the state of First Mile/Last Mile (FLM) mobility strategies and infrastructure nationwide. Beyond reviewing best practices for transference to the Miami-Dade area, the study explored basic urban travel demand assumptions, infrastructure characteristics, and mobility delivery models to develop a basis for a ground-up understanding of how and when to implement different FLM strategies based on development contexts and primary corridor transit characteristics.		
e.	Miami-Dade TPO Bicycle & Pedestrian Data Collection <i>Miami-Dade County, FL</i>	2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Planner: Managed and analyzed data collection of seventy-five 4 and 24-hour bicycle and pedestrian count surveys consistent with the National Bicycle & Pedestrian Documentation Project to establish baseline conditions for bike and pedestrian facility investment in Miami-Dade County.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME James Mark Rinehart	13. ROLE IN THIS CONTRACT Transportation Planning	14. YEARS EXPERIENCE a. TOTAL 9 b. WITH CURRENT FIRM 1	
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Indianapolis, IN			
16. EDUCATION (DEGREE AND SPECIALIZATION) • MURP, Ball State University, 2015 • BA, History, Indiana University, 2012		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) James is an experienced transportation/transit planner and GIS analyst with an extensive career working with transit agencies, Department of Transportations (DOTs), and regional planning organizations nationwide. He worked closely with Metropolitan Planning Organizations (MPOs) to maintain their Transportation Improvement Programs, pursue federal discretionary grants, and develop GIS tools to analyze environmental justice, trail studies and track regional performance measures.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
IMPO, Crash Data Cleanup Indianapolis, IN	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. The Crash Data Cleanup contract with the Indianapolis MPO has been renewed with Corradino every year since 2018. Corradino takes the fatal and incapacitating crash data from ARIES and validates that the records are accurately placed along the roadway or intersection reflected in the police report. He developed the award-winning crash data dashboard.		
INDOT, Safety Office On-Call Services Indianapolis, IN	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Corradino has held an on-call contract with the INDOT Safety Office for nearly 10 years, during which they have performed roadway safety audits and crash data cleaning exercises for several of the INDOT Districts. James took over the project management of the contract in May 2023, during which time he assisted the safety office in cleaning and analyzing crash records.		
IMPO, Intersection Safety Studies Indianapolis, IN	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) N/A
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Transportation Planner. Perform Intersection Safety Studies at 19 locations selected from the High Injury Network. Corradino is leading a team to review the intersections, host field visits with stakeholders, and develop a road safety audit with recommendations for each intersection. The road safety audits are compiled into a final report and shared with local municipalities, who can use them in their federal-HSIP grant applications.		
Hamilton County Highway Department, Olio Road Corridor Study Hamilton County, IN	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) N/A
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. The scope of the corridor study was to conduct an alternative analysis at eight different intersections and analyze the possibility of a roadway "diet" that improved safety and bicycle and pedestrian connectivity while maintaining traffic capacity along the corridor. The project team also looked at possibilities to "diet" the roadway in between intersections while maintaining the goals of the study.		
JCHD, CR 144 and Smokey Row Road Roadway Safety Audit Johnson County, IN	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) N/A
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. This intersection is approximately two miles east of the new CR 144 (SR 144) interchange constructed as part of the I-69 south project. Traffic growth along CR 144 has increased significantly, along with the frequency and severity of crashes at the intersection with Smokey Row Road. James managed the roadway safety audit, which included a field visit, crash data analysis, and a traffic capacity analysis to propose a near-term and long-term solution to address traffic and safety concerns. JCHD applied for funding through the IMPO's FY 2024 Call for Projects to construct the near-term recommendation.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE				
				a. TOTAL	b. WITH CURRENT FIRM			
Gerald Bolden, PE, PTOE		Traffic Engineer		28	7			
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Brentwood, TN								
16. EDUCATION (DEGREE AND SPECIALIZATION)			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)					
<ul style="list-style-type: none"> BS Civil Engineering, Auburn University, 1996 			<ul style="list-style-type: none"> Professional Engineer, Florida No. 86930 Professional Engineer, Tennessee No. 106514 Professional Engineer, Alabama No. 24234 Professional Engineer, Georgia No. 37695 Professional Traffic Operations Engineer 					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)								
Memberships/Affiliations								
<ul style="list-style-type: none"> Institute of Transportation Engineers Intelligent Transportation Society of Tennessee 								
19. RELEVANT PROJECTS								
a.	(1) TITLE AND LOCATION (CITY AND STATE)		(2) YEAR COMPLETED					
	Martin County MPO Us-1 at SW Palm City Road Intersection Feasibility Study, Stuart, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)				
			2023	N/A				
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm					
	Project Manager: The study aimed to manage speeds and improve safety at the intersection of US-1 and SW Palm City Road. It involved evaluating design alternatives and gathering public input to replace the free-flowing right turn with a hard right turn lane at the signalized intersection. The scope included traffic data collection, field review, multimodal evaluation, traffic operational analysis, alternatives evaluation, and concept development.							
b.	(1) TITLE AND LOCATION (CITY AND STATE)		(2) YEAR COMPLETED					
	Fort Lauderdale-Hollywood International Airport (FLL) Crosswalk Signalization, Fort Lauderdale, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)				
			2019	2019				
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm					
	Technical Manager: Design signalized crosswalks for arriving flights at three locations within the FLL internal loop road. Includes traffic signal control equipment, wiring, pedestrian signalization, ADA ramps, pedestrian refuge, signal phasing and timing, emergency vehicle preemption, signing, LED lighting, pavement markings, and rumble stripes.							
c.	(1) TITLE AND LOCATION (CITY AND STATE)		(2) YEAR COMPLETED					
	Tennessee Department of Transportation Continuing Traffic Engineering Services (Statewide), Franklin, TN		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)				
			Ongoing	N/A				
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm					
	Client/Project Manager: Complete oversight of the continuing services contract with TDOT. The scopes include traffic signal warrant analysis, traffic signal design, traffic signal phasing and timing, roadway safety analysis, operational analysis, fiber-optic communications design, intersection geometric design, and roadway lighting.							
d.	(1) TITLE AND LOCATION (CITY AND STATE)		(2) YEAR COMPLETED					
	City of Franklin On-Call Traffic Engineering Franklin, TN		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)				
			Ongoing	N/A				
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm					
	Principal-in-Charge/Project Manager: Three-year on-call traffic engineering contract. Tasks include completion and review of traffic impact studies; traffic signal design, timing, operations, and analyses; ITS design; transportation planning; safety studies and design; roadway lighting and construction engineering and inspection.							
e.	(1) TITLE AND LOCATION (CITY AND STATE)		(2) YEAR COMPLETED					
	City of Franklin McEwen Drive and I-65 Franklin, TN		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)				
			2019	N/A				
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm					
	Engineer-of-Record: Responsible for the signal modification design of the interstate off-ramp right turn lane with a Flashing Yellow Arrow layout, dual left turn lanes and dual right turn lanes onto the interstate on-ramp. Tasks included field review of the existing signal and ITS components; preparation of signal modification plans including mast arm poles, radar detection; traffic signal timings; signing and pavement markings.							



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Ryan Solis-Rios, PE, PTOE	13. ROLE IN THIS CONTRACT Traffic Engineer	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 25</td> <td>b. WITH CURRENT FIRM 19</td> </tr> </table>		a. TOTAL 25	b. WITH CURRENT FIRM 19
a. TOTAL 25	b. WITH CURRENT FIRM 19				
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) • BS Civil Engineering, Bradley University, 1998		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • Professional Engineer - Florida No. 63345 • Professional Traffic Operations Engineer No. 2382			

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Ryan has worked and finalized over 35 Planning and Project Development and Environment (PD&E) Studies which included new corridors, express lanes, system-to-system interchanges, service interchanges, interchange reports (IJR, IMR, IOAR), freeway systems, tolled roadways, principal arterial widening projects, FIHS/SIS facilities, and Districtwide contracts. He brings a significant perspective by being involved with the initial project development phases and construction management.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED			
Broward Commuter Rail/Tri-Rail Coastal Link PD&E Study Broward County, FL	PROFESSIONAL SERVICES 2024	CONSTRUCTION (If applicable) N/A		
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Traffic Engineering: The BCR Study aims to develop and analyze alternatives to integrate passenger and freight service along the Florida East Coast (FEC) Railway. The study seeks to address congestion issues and support economic and land development policies in the eastern area of Broward County by improving mobility. The BCR is a 27-mile segment from Aventura in Miami-Dade County to Deerfield Beach in Broward County. This commuter rail service will include rail, signaling, safety, communications improvements, and passenger amenities. Up to nine potential stations will be studied and evaluated within the study limits.				
(1) TITLE AND LOCATION (CITY AND STATE) FTE Sawgrass Expressway PD&E Study, Corridor Widening, and Interchange Improvements, Broward County, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A			
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: PD&E Study and Systems Interchange Modification Report for a section of the Sawgrass Expressway from south of US 441 to Powerline Road. The study aims to evaluate improvements to add highway and interchange capacity, enhance safety, and address future traffic needs for improved travel time reliability and long-term mobility options. Proposed improvements include additional lanes, new collector-distributor roadway systems, and interchange enhancements at several locations.				
(1) TITLE AND LOCATION (CITY AND STATE) FDOT D6, SR 826 PD&E/SIMR Study, Add Express Lanes Miami-Dade County, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2020</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) N/A			
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Deputy Project Manager: The PD&E Study for SR 826 (Palmetto Expressway) from US 1 (SR 5) to SR 836 (Dolphin Expressway) proposed approximately seven (7) miles of corridor improvements, including adding express lanes, interchange improvements, and intersection modifications.				
(1) TITLE AND LOCATION (CITY AND STATE) FDOT D4, Interstate 95 (I-95) PD&E/SIMR Study, Interchange, and Intersection Improvements, Broward County, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A			
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Deputy Project Manager: Conducting a PD&E Study and Systems Interchange Modification Report (SIMR) the study assesses modifying entrance and exit ramps at three interchanges within the project limits, along with evaluating widening and turn lane modifications along Hallandale Beach Boulevard, Pembroke Road, and Hollywood Boulevard to improve access and operation of the corridors.				
(1) TITLE AND LOCATION (CITY AND STATE) I-75 (SR 93) Corridor Planning Study, Feasibility Study Sumter, Marion, Alachua, Columbia, and Suwannee Counties, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2020</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) N/A			
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: A 112-mile Feasibility Study to add corridor and interchange capacity. The PD&E team evaluated express lanes, general-use lanes, and auxiliary lanes. The study focused on three areas: 1) D2 & D5 corridor typical section evaluation; 2) D2 & D5 Truck operations; and 3) 13 Interchange improvements in D2, which involved 1 system-to-system and 12 service interchanges.				



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME David Cleveland, PE, PTOE	13. ROLE IN THIS CONTRACT Traffic Engineer	14. YEARS EXPERIENCE a. TOTAL 27 b. WITH CURRENT FIRM 22	
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Indianapolis, IN			
16. EDUCATION (DEGREE AND SPECIALIZATION) <ul style="list-style-type: none"> • MBA, Indiana University, 1996 • BS, Civil Engineering, Rose-Hulman Institute of Technology, 1991 		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <ul style="list-style-type: none"> • Professional Engineer - Florida, No. 62283 • Professional Traffic Operations Engineer 	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <ul style="list-style-type: none"> • Institute of Transportation Engineers (ITE) • American Council of Engineering Companies (ACEC) • Franklin Township Land Use Committee • Highway Capacity Manual (HCM) Short Course, Purdue University • Hazard Analysis Tools (HAT) for Highways Software, Purdue University • Synchro/SimTraffic Training Course, Trafficware 			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
INDOT, Statewide Safety Audits Statewide, IN	2020	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. As the on-call consultant for INDOT's Office of Traffic Safety, Corradino prepared more than 70 feasibility reports analyzing traffic capacity and crash histories and identifying feasible countermeasures for many of the Highway Safety Improvement Program sites falling within the five percent highest crash rate locations statewide. The reports analyzed crash frequency, crash intensity, and crash type, as well as the recommended improvement to mitigate the concerns.		
I-65 at SR-267 and CR550S Boone County, IN	2019	2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Managing all traffic modeling, capacity and safety analysis, IAD and Environmental Assessment (EA) efforts for this interchange modification and new interchange project.		
TDOT, Road Safety Audits Statewide, TN	2014	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. Performed Road Safety Audit Reports for the Tennessee Department of Transportation (TDOT). Each RSAR began with a review of existing conditions involving crash data available for a multi-year period. Historic traffic data were reviewed and, if necessary, new/additional data were collected. The data were summarized, and a determination was made whether certain locations have higher-than-average crash rates. Remedies may address changes in roadway geometry, such as horizontal and vertical curves, clear distances, obstacles, poor sight distance, poor signage, and the like.		
INDOT, SR-61 Boonville Bypass Warrick County, IN	2017	2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. This four-mile, two-lane western bypass of the Town of Boonville goes through heavily wooded rolling coal country and follows existing county roads as well as new open terrain segments. Corradino prepared the Environmental Assessment (EA) and obtained permits such as construction in floodway (CIF), Rule 5 erosion control, and individual 401/404 water quality certifications. Corradino then prepared the field topographic survey, design plans, and right-of-way engineering, as well as four separate sets of construction documents: grading and utility plans, corridor roadway plans, and two sets of bridge plans. Full land acquisition and three new round-a-bouts were included at the three new public road access points along the corridor, as well as a new bridge over Carter Traylor Ditch, and a new bridge over Cypress Creek. Corradino also prepared engineer's estimates for each set of construction documents. This \$14 million project is currently under construction.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Gorky Charpentier, PE, CGC	Lead Roadway Design Engineering	31	13
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) ● BS Civil Engineering, Catholic University of Ecuador, 1987		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) ● Professional Engineer, Florida No. 47523 ● Certified General Contractor, Florida No. CGC061113 ● Standard Inspector, Florida	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Gorky has more than 31 years of experience in design and management of transportation and municipal projects during design and construction stages. His Florida Department of Transportation (FDOT) and Municipal experience includes the management of groups and team.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	City of Hialeah, Roadway Improvement Program Complete Projects <i>Hialeah, FL</i>	Ongoing (Task Order)	Ongoing (Task Order)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: These task-work order-based projects involve helping the city design and prepare documents that outline the complete reconstruction of roadways and drainage systems for multiple streets. Additionally, the projects include improving lighting, signage, and pavement markings within the project limits. Reconstruction involved changing the existing flush shoulder condition to a curb and gutter section, which required raising and lowering the streets to ensure proper drainage. Parallel parking was added, and the latest ADA standards constructed sidewalks and ramps.		
b.	Broward Commuter Rail (BCR)/Tri-Rail Coastal Link PD&E <i>Broward County, FL</i>	2024	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Assistant Project Lead: The study aimed to develop and analyze alternatives for integrating passenger and freight services along the Florida East Coast (FEC) Railway. By improving mobility, it seeks to address congestion issues and support economic and land development policies in the eastern area of Broward County. The BCR is a 27-mile segment from Aventura in north Miami-Dade County to Deerfield Beach in northern Broward County. This commuter rail service will include necessary rail, signaling, safety, communications improvements, and passenger amenities. Up to nine potential stations will be studied and evaluated.		
c.	Golden Glades Interchange – Master TCP Development <i>Miami-Dade County, FL</i>	2024	2030
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Manage the development of a Master TCP design for the Golden Glades Interchange; a \$600M interchange project consisting of a total of nine segments being designed by six different engineering firms for the Florida Department of Transportation District 6. Analyze TCP design alternatives for constructability and feasibility while maximizing safety and minimizing impacts to the traveling public.		
d.	Brightline At-Grade Railroad Crossings <i>Palm Beach, FL</i>	2021	2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Lead: Responsible for modifications to all the intersecting roads with the FEC railroad tracks on Palm Beach County, Martin County and St. Lucie County. The scope included roadway, signing and pavement marking and construction layout plans for 74 railroad crossings.		
e.	NE 203St, Roadway Intersection Improvements between SR 5/US-1 <i>Miami, FL</i>	2021	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: The project consists of the removal of an at-grade vehicle and pedestrian railroad crossing, the construction of two new ramp bridges, widening of an existing bridge and the construction of a pedestrian bridge. In addition, there are multiple signals, lighting, and drainage improvements.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jeffrey Coffin, PE	13. ROLE IN THIS CONTRACT Roadway Design Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 31	b. WITH CURRENT FIRM 16
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Fort Lauderdale, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) • BS, Civil Engineering, University of Massachusetts, 1993		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • Professional Engineer, Florida No. 53147	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Coffin's areas of expertise include nearly all the facets of Roadway Design and Project Development and Environment (PD&E) Studies. Some of this experience includes: Preparing highway plans for PD&E studies, corridor studies, minor highway design projects, major highway design projects and controlled access highway design projects; generating roadway construction cost estimates.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	FTE Sawgrass Expressway PD&E Study, Corridor Widening, and Interchange Improvements, Broward County, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer: The study evaluated potential improvements for a section of the Sawgrass Expressway from south of US 441 to Powerline Road. The goal is to add highway and interchange capacity, improve safety, and address future traffic needs to enhance travel time reliability and long-term mobility options. Proposed improvements include adding lanes, implementing new collector-distributor roadway systems, and enhancing interchanges at several locations.		
b.	FDOT D6, SR 826 PD&E/SIMR Study, Add Express Lanes Miami-Dade County, FL	2020	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer: A PD&E Study was conducted for SR 826 (Palmetto Expressway) from US 1 (SR 5) to SR 836 (Dolphin Expressway), covering approximately seven (7) miles. The study proposed corridor improvements to increase highway and interchange capacity by introducing an express lanes system and improving interchanges. The study evaluated several potential types of improvements, including the implementation of dynamically priced express lanes, access, and ramp connections to and from the express lanes (ingress and egress access points), interchange improvements, modifying existing entrance and exit ramps serving the interchanges within the project limits, intersection improvements, widening and turning lane modifications along the crossing roadways to facilitate the ramp modifications and improve the access and operation of the corridors upstream and downstream from the interchanges.		
c.	I-295 (SR 9A) Western Beltway Corridor Planning Study, Express Lanes Feasibility Study, Duval County, FL	2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer: Responsible for the conceptual design of express lanes, cost estimating (LRE) and the evaluation of the feasibility of several concepts in order to move forward to the PD&E phase(s). Concept development included 3 system-to-system and 15 service interchanges.		
d.	SR 924 West Extension PD&E/SIMR Study, New Corridor Extension, Connection with I-75/SR 826 Express Lanes, Miami-Dade County FL	2015	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Designer: Responsible for the freeway extension design connecting to the SR 826 and I-75 express lanes systems, which included highway design, complex conceptual design, interchange design of three system-to-system interchanges, plans preparation, cost estimating (LRE), alternative selection, typical section package, design exception/variation packages and report generation. Concept development included 2 system-to-system and 2 service interchanges.		
e.	I-95 PD&E Study, Add Express Lanes (Phase 3) Broward and Palm Beach Counties, FL	2013	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Designer: Responsible for the addition of express lanes, which included highway design, complex conceptual design, interchange design, plans preparation, cost estimating (LRE), alternative selection, developing safety improvements, typical section package, design exception/variation packages and report generation.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Francisco J. León, PE	13. ROLE IN THIS CONTRACT Roadway Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 27	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) • BS Civil Engineering, Florida International University, 1997		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • Professional Engineer - Florida, No. 65502	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Leon is a roadway engineer who manages roadway design projects and oversees everything from initial design concepts to design alternatives. His responsibilities included creating initial design concepts and alternatives, managing the design team, developing plans, creating schedules, performing quantity calculations, conducting cost analysis, and assessing feasibility. Additionally, Mr. Leon manages citywide reconstruction projects, ROW permit plan review and coordination, and residents' concerns about ROW permits.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	City of Cooper City, Hiatus Road, and NE Lake Blvd Roundabout Improvements (MAP) Cooper City, FL	2022	2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: The roundabout improvements were part of various traffic and transportation engineering services. These services included intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, corridor signal timing progression analysis, traffic calming, and neighborhood traffic mitigation.		
b.	Broward Commuter Rail (BCR)/Tri-Rail Coastal Link PD&E Broward County, FL	2024	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer: Utility coordination, utility assessment package, and project scheduling to extend commuter rail service on the FEC Railway corridor from the planned passenger station in the City of Aventura north to Fort Lauderdale, 11.5 miles. Stations are recommended in the City of Hollywood, Fort Lauderdale-Hollywood International Airport, and Broward Health Medical Center. The Broward Health Medical Center station provides access to downtown Fort Lauderdale, the Broward County Convention Center, Port Everglades, and the beaches.		
c.	City of Hialeah, Roadway Improvement Program Complete Projects Hialeah, FL	Ongoing (Task Orders)	Ongoing (Task Orders)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Staff Engineer: These task-work order-based projects involve helping the city design and prepare documents that outline the complete reconstruction of roadways and drainage systems for multiple streets. Additionally, the projects include improving lighting, signage, and pavement markings within the project limits. Reconstruction involved changing the existing flush shoulder condition to a curb and gutter section, which required raising and lowering the streets to ensure proper drainage.		
d.	FDOT D6, SR 9A (I-95) from SR 916/Opa-locka Boulevard to Biscayne Canal, Miami, FL	2022	2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Staff Engineer: Responsible for developing Traffic Control Plans for SB SR 9A/ I-95. This interchange was reconstructed, raised, and widened to accommodate managed lane connections between Florida's Turnpike and southbound I-95 express lanes. The project is situated within Miami-Dade County and covers the segment of I-95 from Opa-locka Boulevard to the C-8 Canal (Biscayne Canal).		
e.	FDOT D6, SR934/NW 74th Street Reconstruction and Resurfacing, Restoration, and Rehabilitation (RRR), Medley, FL	Ongoing	TBD
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Roadway Engineer: The roadway upgrades accommodated the planned growth of the FEC Intermodal Yard, regional employment centers, and freight activity centers. Miami-Dade County owns NW 74th Street and NW 69th Avenue, which will continue to be maintained and operated by Miami-Dade County after the completion of this project.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Marvin Guillen	13. ROLE IN THIS CONTRACT Roadway Project Engineer	14. YEARS EXPERIENCE a. TOTAL 37 b. WITH CURRENT FIRM 37	
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) • BS Civil Engineering, University of Miami, 1987		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Marvin has 25 years of experience in the field of Civil Engineering. He has vast experience in highway design and municipal roadway street design. He has prepared Technical Special Provisions and processed all the necessary permits for the construction of several projects. He has been the Design Engineer for several interchanges for the Florida Department of Transportation and the designer of several roadway street projects for the city of Hialeah and Miami-Dade County.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
City of Hialeah, Roadway Improvement Program Complete Projects <i>Hialeah, FL</i>	PROFESSIONAL SERVICES Ongoing (Task Orders)	CONSTRUCTION (If applicable) Ongoing (Task Orders)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Design Engineer: These task-work order-based projects involve helping the city design and prepare documents that outline the complete reconstruction of roadways and drainage systems for multiple streets. Additionally, the projects include improving lighting, signage, and pavement markings within the project limits. Reconstruction involved changing the existing flush shoulder condition to a curb and gutter section, which required raising and lowering the streets to ensure proper drainage. Parallel parking was added, and the latest ADA standards constructed sidewalks and ramps.		
FDOT D6, SR 826/Palmetto Expressway Express Lanes 30% Conceptual Plans for DB, Miami, FL	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) On-Hold
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Design Engineer: Responsible for 30% conceptual plans preparation for DB RFP package to add express lanes along the SR 826/Palmetto Expressway corridor from US 1 to SR 836/Dolphin Expressway. This project provides Direct Connect express lanes flyover ramps into the SR 836 Interchange and Direct Connect express lanes ramps into the DTPW (f/k/a/ MDT) Transitway along US 1.		
FDOT D6, SR 9A (I-95) from SR 916/Opa-locka Boulevard to Biscayne Canal, Miami, FL	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) 2023
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer/TCP & Signal Plans Project Engineer: Development of Traffic Control Plans and signalization for SB SR 9A/ I-95. I-95/SR 9A SB was reconstructed, raised, and widened to accommodate direct managed lane connections between Florida's Turnpike and southbound I-95 Express lanes. The project improvements were necessary to provide a southbound Express Lane Connector.		
FDOT D4, SR 9/I-95 at SR-848/Stirling Road Interim Improvements Broward County, FL	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2021
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer: This project includes capacity improvements at the I-95/SR-9 SB off-ramp from the intersection of SR-848 to the north of the intersection along the ramp. It also includes capacity improvements for the I-95/SR-9 NB on-ramp from the intersection with SR 848 to the north of the intersection running along the ramp. I-95 / SR-9 ramps within the project limits are one-lane ramps that provide access to the mainline I-95 /SR-9.		
FDOT D6, SR 826/Palmetto Expressway RRR Miami, FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2016
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer: Responsible for the design and preparing contract documents detailing the RRR of SR 826/Palmetto Expressway from its southern terminus at SR 5/US 1/S. Dixie Highway to just north of SR 878/Snapper Creek Expressway. The project also included the upgrading of substandard guardrail terminals, replacement of guardrail to bridge railing		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Melvin Pollock, PE	13. ROLE IN THIS CONTRACT Construction Engineering & Inspection	14. YEARS EXPERIENCE a. TOTAL 24 b. WITH CURRENT FIRM 15	
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) • BS, Civil Engineering & Construction Management, North Carolina State University, 1999		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • Professional Engineer - Florida No. 61811	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) • MOT Advanced • Erosion and Sediment Control • QC Manager • FDOT Portland Cement Concrete Testing • FHWA Safety Inspection of In-Service Bridges • ANSI PMBOK Training • Excavation and Trenching • DCE Critical Structures			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
CEI Services for Reconstruction of SR 710 - Beeline Highway from Northlake Boulevard to SR-708/Blue Heron Boulevard <i>Palm Beach County, FL</i>	N/A	Ongoing
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Project Engineer. The scope of this 3-mile, \$150M project includes complete reconstruction from 4-lane rural to 6-lane urban divided typical, including asphalt and intersection geometry improvements, sidewalk, shared use paths, drainage improvements including box culvert construction, canal and pond improvements including sheeted and CIP wall, rip-rap and revetment systems, fencing, signing and pavement markings, signalization, ITS, full lighting, and multiple semi-permanent MOT phases. Additionally, the Florida's Turnpike 4-lane overpass bridge is being replaced with a 10-lane structure to accommodate future Turnpike widening.		
FDOT D4 - Districtwide Community Outreach Contracts <i>FDOT District Four</i>	N/A	Ongoing
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. These Districtwide Contracts provide Community Outreach Services, supporting the District's Operations Centers with public involvement and proactive stakeholder coordination on active and upcoming construction projects. Work closely with the District Communications Office, District Construction, and each Operations Center to ensure timely, accurate messaging, and responsiveness to issues		
CEI Services for SR-91/Florida's Turnpike from M.P. 117.843 to M.P. 138.037 <i>Martin County, FL</i>	N/A	2023
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Project Engineer. Resurfaced Turnpike's mainline for 20 miles in Martin County, including box culvert repairs, deep milling and reconstruction of outside shoulders, guardrail and cable barrier installations and repairs, lighting, and signage improvements.		
CEI Services for Reconstruction of SR-713/Kings Highway between SR- 70 and north of I-95 overpass <i>St. Lucie County, FL</i>	N/A	2023
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Project Engineer. The scope of this 5-mile project included complete reconstruction from 2 lane rural to 4 lane urban divided typical, including asphalt and concrete pavement roadway sections, sidewalk, shared use paths, drainage improvements including box culvert construction over column stabilized embankment, canal improvements including partial relocation, rip-rap and revetment systems, fencing, signing and pavement markings, signalization, ITS, full lighting, landscaping and multiple semi-permanent MOT phases.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Carlos Amador, PE	13. ROLE IN THIS CONTRACT Construction Engineering & Inspection	14. YEARS EXPERIENCE a. TOTAL 15 b. WITH CURRENT FIRM 11	
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) • MS, Civil Engineering, Florida International University, 2017 • BS, Civil Engineering, Florida International University, 2009		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • Professional Engineer, Florida No. 78512	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) • FDOT Critical Structures Construction Issues, Advanced MOT • FDOT Design Guidelines, Standard Specification for Road and Bridge Construction • Qualified Post-Tensioning and Grouting Technician • AASHTO, ACI, Florida Building Code and MATLAB, MathCAD			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
FDOT D4 I-95 Express Lanes Segment 3C Broward County, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Administrator. The project extends 9 miles along I-95, from Hollywood Blvd. to Broward Blvd. in Broward County. It also includes approximately 2 miles of I-595 from SR 7 to I-95, and direct connector ramps to/from the I-95 Express Lanes (EL). The improvements will maintain the existing number of general purpose and auxiliary lanes on I-95, and create 2 continuous ELs in both directions, with additional ingress and egress points. The project will also improve weaving conditions and add lanes on I-595 for the direct connectors to/from the I-95 ELs, paint 17 existing bridges, widen or reconstruct I-95 and I-595, modify or replace SR 84 bridges, and widen the I-595 viaduct. The project will also improve ITS, including ramp signalization and congestion-based tolling using the Turnpike's Sun Pass system. The project includes very complex pier modifications on the Eastbound SR-84 Bridge and ramps which require post-tensioning system for foundations, columns and caps.		
(1) TITLE AND LOCATION (CITY AND STATE) FDOT D4 & D6, I-75 Express Lanes Segments A&B Miami-Dade and Broward County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2019 CONSTRUCTION (If applicable) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Administrator. Project consists of the I-75 Express Lanes Project, which extends from just north of NW 170 th St. in Miami-Dade County at milepost 3.485 (Section 87075) to approximately 2,400 feet south of Miramar Pkwy in Broward County at milepost 1.080 (Section 86075), for a total distance of approximately 3.1 miles. The Project also includes reconstruction, widening, milling, and resurfacing of the Homestead Extension of Florida's Turnpike (HEFT) mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramps and multiple bridges. The project involves the construction of 14 bridges, which involved widening, deck replacement, and new construction. The new construction bridges consist of several flyovers for which the superstructure comprises structural steel girder boxes and steel boxes (straddle bent cap) with a maximum length of 99 ft. All other new bridges consisted of concrete beams and steel I-beams.		
(1) TITLE AND LOCATION (CITY AND STATE) FDOT D6, Districtwide Constructability Review Miami-Dade County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015 CONSTRUCTION (If applicable) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Contract Support Specialist. Provided constructability review to all design packages issued to District 6, verified that the design packages are in compliance with FDOT Design Guidelines and Specifications requirements, monitored design progress for every project from initial submittal (30%) to final completion, attended weekly meetings with design consultants (EOR) and Project Managers to resolve all issues identified during the constructability review phase, design packages consisted of Roadway, Drainage, Traffic Control, Utilities Relocation, Lighting, Intelligent Transportation Systems (ITS), Signalization & Structure Plans.		
(1) TITLE AND LOCATION (CITY AND STATE) FDOT D6, Port of Miami Tunnel Project Miami-Dade County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2013 CONSTRUCTION (If applicable) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Civil Design Manager. The Port of Miami Tunnel Project P3 (PPP) for FDOT consists of four major components, the Tunnel connection between Watson Island and Port of Miami, connections to the Port of Miami Roadway System, widening of MacArthur Causeway Bridge and construction of various buildings, which will support the operations for the Port of Miami Tunnel.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Stacy Griffin, PE	13. ROLE IN THIS CONTRACT Construction Engineering & Inspection	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 13</td> <td>b. WITH CURRENT FIRM 13</td> </tr> </table>		a. TOTAL 13	b. WITH CURRENT FIRM 13
a. TOTAL 13	b. WITH CURRENT FIRM 13				
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) • BS, Civil Engineering, Florida Atlantic University, 2011		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • Professional Engineer, Florida No. 81278			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) • Critical Structures • Florida Stormwater, Erosion, and Sedimentation Control Inspector Cert # 28992 • Hazmat • Nuclear Gauge Safety					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
CEI Services for I-4/SR-400 from SR-35/US-98 to SR-33 Resurfacing <i>Polk County, FL</i>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Contract Support Specialist. This project consists of milling & resurfacing 5.45 miles of I-4 in Polk County to repair deficient asphalt and bring the roadway up to current standards. Other work includes guardrail replacement, Wrong Way Detection System, overhead sign structures, PTMS loops, and pavement markings.		
(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
Widening & Reconstruction of SR-76/Kanner Hwy from south of CR-711/Pratt Whitney Rd to SW Jack James Dr. <i>Martin County, FL</i>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Contract Support Specialist. This project consists of roadway reconstruction, widening, milling and resurfacing, drainage improvements, signalization including fiber optic and strain poles, lighting and utility adjustments. The project will have over 23,000 tons of asphalt placed once complete. Contract support specialist duties include preparing and processing monthly progress payment, estimating cost for contract changes, preparing and processing Supplemental agreements and work orders, updating/uploading documents into PSSP, monthly progress reports, weather letters and progress photos. Tracking and updating release for construction plans and as-builts, preparing and distributing meeting minutes for progress meetings and DRB meetings. Tracking material certifications verify all products not requiring testing incorporated into the project are on the approved products list (APL). Verify complete and timely inputs into MAC.		
(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
I-75 Express Lanes Segments A&B <i>Miami-Dade & Broward County, FL</i>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) N/A
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Contract Support Specialist. Project consists of the I-75 Express Lanes Project, which extends from just north of NW 170 th St. in Miami-Dade County at milepost 3.485 (Section 87075) to approximately 2,400 feet south of Miramar Pkwy in Broward County at milepost 1.080 (Section 86075), for a total distance of approximately 3.1 miles. The Project also includes reconstruction, widening, milling, and resurfacing of the Homestead Extension of Florida's Turnpike (HEFT) mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramps and multiple bridges. The project involves the construction of 14 bridges, which involved widening, deck replacement, and new construction.		
(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
CEI Services for the Bridges of the Isles and Sunrise Key Bridge Replacements <i>Broward County, FL</i>	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 00
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Bridge Inspector. This design build project replaced four existing bridges that traverse over the non-navigable Las Olas and one over the Karen Canal with five new 2-lane fixed low level bridges while maintaining the aesthetic, architectural, and decorative features of these historic bridges. Senior bridge inspector duties include inspecting reinforcing steel, driving pile, utilities, precast concrete pier caps and bridge deck.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Nicole Bryant, PE (Pending Feb. 2025)	13. ROLE IN THIS CONTRACT Construction Engineering & Inspection	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 3.5</td> <td>b. WITH CURRENT FIRM 3.5</td> </tr> </table>		a. TOTAL 3.5	b. WITH CURRENT FIRM 3.5
a. TOTAL 3.5	b. WITH CURRENT FIRM 3.5				
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) • BS, Civil Engineering, University of Florida, 2020		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • Engineering Intern, Florida No. 1100024398			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <table border="1"> <tr> <td> • SSPC Bridge Coating Inspector - L2 • IMSA Traffic Technician 1 • APNGA Portable Nuclear Gauge Safety • US DOT Hazmat Certification </td> <td> • ASI Florida Construction Stormwater Inspector • OSHA Confined Space Certification PTI - L1 Multistrand & Grouted PT Installation • FDOT Critical Structures Construction Issues • Remote Pilot Certification </td> </tr> </table>				• SSPC Bridge Coating Inspector - L2 • IMSA Traffic Technician 1 • APNGA Portable Nuclear Gauge Safety • US DOT Hazmat Certification	• ASI Florida Construction Stormwater Inspector • OSHA Confined Space Certification PTI - L1 Multistrand & Grouted PT Installation • FDOT Critical Structures Construction Issues • Remote Pilot Certification
• SSPC Bridge Coating Inspector - L2 • IMSA Traffic Technician 1 • APNGA Portable Nuclear Gauge Safety • US DOT Hazmat Certification	• ASI Florida Construction Stormwater Inspector • OSHA Confined Space Certification PTI - L1 Multistrand & Grouted PT Installation • FDOT Critical Structures Construction Issues • Remote Pilot Certification				

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE) FDOT D4, I-95 Express Lanes - Phase 3C Broward County, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If applicable) 00</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) 00
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) 00			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</div> <p>a. Senior Inspector. The project extends from south of Hollywood Boulevard to south of Broward Boulevard for a total distance of approximately 9 miles along I-95. The Project also includes improvements along I-595 from SR 7 to I-95 for a total distance of approximately 2 miles, direct connections between northbound and southbound 95 Express Lanes and I-595 to and from the west, and the painting of 17 existing steel bridges within the I-95/SR 84 and I-95/I-595 Interchanges. Over 20 bridges in the three different segments of the project are undergoing construction, with both old and new bridges requiring new coating. Responsibilities include material inspection and verification tests. Project contains steel and concrete bridges of which require rebar, form, and concrete inspection in addition to bolting (interior and exterior), and machinery inspection, following FDOT guidelines. Other responsibilities include verification of beam deliveries and placement, pile deliveries and placement/driving, and structural steel delivery and assembly. Unique operations that are a part of the project include post-tensioning in columns and footings, jacking of bridges, and off-site bridge construction in which the bridge was later moved into place (Advanced Bridge Construction). Major tasks performed are bridge deck rebar verification, overseeing bridge deck pours, verifying mass concrete pours are according to plan, verifying the progression of structural steel bolting and torquing along with bolt testing, and bridge coating activities. Bridge coating activities include interior bridge inspections and reporting, class 5 concrete coating inspection, communicating with subcontracted bridge painting inspectors and multiple crews, and checking worksites, containment, and machinery locations due to weight limitations. Daily responsibilities include tracking progress and quantities of ongoing structural activities to assist with monthly estimates and production rate calculations. Managerial duties include supervision and scheduling of inspection staff, coordinating daily construction operations with prime Contractor and subcontractors, ensuring compliance with contract documents, coordinating the flow of the review process of shop drawings submittals, RFIs, RFMs and others, coordinating and ensuring compliance with sampling and testing requirements, creating and assessing cost estimates for work orders and supplemental agreements. Additionally, reviewing and approving inspectors' daily reports and exercising independent judgment to make technical decisions in regards to the in-office aspect of the project (contract changes, material certification, document tracking and schedule impacts). Recently, planning and coordinating drone flights for documentation of construction progress and major operations considering airspace limitations and proximity to FLL.</p>				



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Russell Thomas	13. ROLE IN THIS CONTRACT Construction Engineering & Inspection	14. YEARS EXPERIENCE a. TOTAL 20 b. WITH CURRENT FIRM 20	
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <ul style="list-style-type: none"> • ACI Concrete Field-Testing Technician • ACI Concrete Transportation Construction Inspector • IMSA Traffic Signal Inspector • Augercast Pile • DEP Stormwater • DCE Critical Structures • FDOT Concrete Field Inspector Specification • Nuclear Gauge Safety • HAZMAT 			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE) FDOT D4 - I-95/ I-595 Phase 3C 95 Express/I-595 Direct Connectors, I-95 from Stirling Road to Broward Boulevard Broward County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES N/A	CONSTRUCTION (If applicable) Ongoing
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Roadway Inspector. Work on this 9-mile 95 Express project includes extending the existing Express Lanes north from just south of Hollywood Boulevard to just south of Broward Boulevard in Broward County. One lane will be added and the High Occupancy Vehicle (HOV) lane will be converted to create two Express Lanes in each direction. The number of General Use lanes will remain the same. Other project improvements include construction of I-95/I-595 Direct Connectors between 95 Express Lanes and I-595, as well as reconstruction, milling, resurfacing and widening of I-595 from SR-7 to I-95 and along I-95 from south of Hollywood Boulevard to south of Broward Boulevard. Additional work includes bridge widening along I-95 at several locations, painting of 17 bridges within project limits, I-95/SR 84 interchange modifications, Integrated Intelligent Transportation System (ITS) Installation, including cameras, detectors and dynamic message signs to optimize traffic operations, tolling/gantry construction, ramp signalization implementation at the interchanges, lighting, signage and drainage installation and construction of shoulder-mounted sound walls and retaining walls.		
(1) TITLE AND LOCATION (CITY AND STATE) FDOT D6 - SR 5/Biscayne Blvd. from SE 2nd St. to NE 21st St. Miami-Dade County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES N/A	CONSTRUCTION (If applicable) 2020
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Inspector. The work includes drainage, ADA improvements, milling and resurfacing, signage (including drilled shafts and overhead span signs), retrofitting of lighting, signalization and pavement markings		
(1) TITLE AND LOCATION (CITY AND STATE) FDOT D6 - SR 997/Krome Ave./SW 177th Ave. from south of SW 232nd ST/Silver Palm Dr. to south of 136th St./Howard Dr. Miami-Dade County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES N/A	CONSTRUCTION (If applicable) 2020
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Inspector. The work includes full roadway construction, drainage, signage, lighting, signalization, guardrail, landscaping and pavement markings.		
(1) TITLE AND LOCATION (CITY AND STATE) FDOT D4 & D6 - I-75 Express Lanes Segments A&B Miami-Dade and Broward County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES N/A	CONSTRUCTION (If applicable) 2019
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Inspector. The work includes full roadway construction, milling and resurfacing, lighting, signalization, ITS, signage, drainage, landscaping and pavement markings. The project also includes reconstruction, widening, and milling and resurfacing of the Homestead Extension of Florida's Turnpike (HEFT) mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramp connections		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Arturo Garcia	13. ROLE IN THIS CONTRACT Construction Engineering & Inspection	14. YEARS EXPERIENCE	
		a. TOTAL 4	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) <ul style="list-style-type: none"> AS, Accounting and Finance, Universidad Santa Maria, Venezuela, 2010 		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <ul style="list-style-type: none"> APNGA Nuclear GS US DOT IMSA Traffic Signal Insp Level 1 IMSA Traffic Signal Tech Level 1 OSHA Awareness 			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	I-95 Express Lanes Segment 3C Broward County, FL	N/A	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Inspector Aide. The project extends nine miles along I-95, from Hollywood Boulevard to Broward Boulevard in Broward County. It also includes approximately two miles of I-595 from SR 7 to I-95, and direct connector ramps to/from the I-95 Express Lanes (EL). The improvements will maintain the existing number of general purpose and auxiliary lanes on I-95, and create two continuous ELs in both directions, with additional ingress and egress points. The project will also improve weaving conditions and add lanes on I-595 for the direct connectors to/from the I-95 ELs, paint 17 existing bridges, widen or reconstruct I-95 and I-595, modify or replace SR 84 bridges, and widen the I-595 viaduct. The project will also improve ITS, including ramp signalization and congestion-based tolling using the Turnpike's Sun Pass system. The project includes very complex pier modifications on the Eastbound Sr-84 Bridge and ramps. It will also include a complete replacement on the SR 84 WB Bridge. Responsible for providing inspection and verification services throughout the construction of the bridges and foundations, following the FDOT construction plans and specifications and design standards, as well as communication with the foreman, field engineers and superintendents. Inspector for pile driving operations and structural drilled shafts, footings, columns, caps, bridge decks, and sheet piles, also concrete verification test, beams placement, SIP placement, girders erection, stockpiles verification, MOT reports and project maintenance reports.		
b.	Arizona Beverages Miami, FL	2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Retail Merchandiser. Updated store planograms in collaboration with management. Highlighted differences between competitor brands and managed product lines through innovative merchandising campaigns. Established and maintained proper high traffic displays, to increased sales. Increased store sales by cross-selling complementary items. Rotated products from stockroom out to department sales floor according to seasonal plans, promotional schedules, and style rotation plan. Reorganized sales floor to promote sales, displaying high demand products in prime locations. Organized engaging front-facing displays to capture customer interest and drive revenue growth. Communicated and coordinated execution of planogram with store management.		
c.	Manning Brothers Pest Control Ft. Lauderdale, FL	2020	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Pest Control Technician. Mixed chemicals based on property and climate conditions to deliver optimal elimination and prevention efficiency. Calculated fumigant and chemical applications requirements based on size of building and exterior footprint. Identified infestations and isolated sources with physical inspections of premises. Set mechanical traps, baits and glue boards to remove pests from interior areas. Used brooms and rakes to remove debris and enhance effectiveness of chemical applications. Estimated costs, collected payments, and issued receipts to keep financial and client account accurate. Detailed every job in well-written report, pointing out sanitation and structural issues that could result in pest activity. Followed all company protocols when applying pesticides on the inside and outside of structures.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Aaron Lauderdale	13. ROLE IN THIS CONTRACT Construction Engineering & Inspection	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 6</td> <td>b. WITH CURRENT FIRM 5</td> </tr> </table>		a. TOTAL 6	b. WITH CURRENT FIRM 5
a. TOTAL 6	b. WITH CURRENT FIRM 5				
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) • BS, Supervision Management with specialization in Project Management, Broward College		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <table border="0"> <tr> <td> • FDOT Concrete Field Specification Drilled Shaft • FDOT Critical Structure • Nuclear Radiation Safety/ Hazmat • IMSA Traffic Signal Inspector - Renewing Jan. 2025 </td> <td> • Auger Cast • MSE Wall • RTA Certification </td> </tr> </table>				• FDOT Concrete Field Specification Drilled Shaft • FDOT Critical Structure • Nuclear Radiation Safety/ Hazmat • IMSA Traffic Signal Inspector - Renewing Jan. 2025	• Auger Cast • MSE Wall • RTA Certification
• FDOT Concrete Field Specification Drilled Shaft • FDOT Critical Structure • Nuclear Radiation Safety/ Hazmat • IMSA Traffic Signal Inspector - Renewing Jan. 2025	• Auger Cast • MSE Wall • RTA Certification				

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. FDOT D4, I-95 Express Lanes - Phase 3C <i>Broward County, FL</i> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Inspector. The project extends from south of Hollywood Boulevard to south of Broward Boulevard for a total distance of approximately 9 miles along I-95. The Project also includes improvements along I-595 from SR 7 to I-95 for a total distance of approximately 2 miles, direct connections between northbound and southbound 95 Express Lanes and I-595 to and from the west, and the painting of 17 existing steel bridges within the I-95/SR 84 and I-95/I-595 Interchanges. Over 20 bridges in the three different segments of the project are undergoing construction, with both old and new bridges requiring new coating. Responsibilities include assisting Senior Inspectors with material inspection and verification tests, as well as overseeing various MSE and drainage operations. The project contains steel and concrete bridges of which require rebar, form, and concrete inspection in addition to bolting (interior and exterior), and machinery inspection, following FDOT guidelines. Additionally, inspecting integrity of concrete structures and appearance, evaluating and performing crack mapping, affirming that the contractor is in compliance with plans, special provisions and FDOT specifications, indexes and manuals. Roadway responsibilities: coordinating schedule and crew coverage with other inspectors, verification of adequate embankment and drainage backfill operations, verification and sampling of concrete, drainage backfill and roadway subgrade and base material/placement verification. Duties include verification of MSE panel deliveries and placement, maintaining correspondence between VT and QC technicians for density logbook information, and ensuring logbook meets standards. Additional responsibilities include inspection of sign structures, including high strength bolt testing, and miscellaneous drilled shaft placement. Also, verifying compliance with construction documents of miscellaneous structures such as retaining wall, gravity wall, barrier wall, drilled shaft, guardrail, and drainage structures, inspecting milling asphalt operations and contributing to monthly maintenance of traffic and environmental reports. And finally, completing takeoffs for various pay items, quantifying and tracking earthwork placement on a monthly basis	N/A	Ongoing
b. CEI Services for I-395/SR-836/I-95 Design-Build Signature Bridge Project <i>Miami-Dade County, FL</i> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Inspector Aide. Responsible for I-395 daily activities such as field inspection of completed drilled shafts, traffic signals, MSE Walls, embankment. Maintain density logbooks, MOT counting and inspection, delivering of materials to Lab, measuring of areas and simple area calculations.	N/A	2022
c. CAB Professional Consulting Services <i>Miami-Dade County, FL</i> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm MRP & Field Technician. nspections of pull boxes per FDOT request based on design standards and MRP requirements. Assist with MRP inspection responsibilities by maintaining FDOT desired conditions by recommended levels of service prepared by maintenance engineers for various highway elements (roadway, roadside, traffic services, drainage, and vegetation). Assistant MRP technician, MRP team leader in training. Assist with Inspection of guardrails, based on FDOT design standards and MRP requirements. Sign and sign reflectivity per safety standards and constructability per FDOT requirements (MRP Handbook, MUTCD, and FDOT Construction Design Standards).	N/A	2019



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Scarlet Hammons, AICP CTP	Senior Planner	30	8
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) • BA Urban Studies and Planning, University of California, 1995		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • American Institute of Certified Planners No. 018949	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) • American Institute of Certified Planners • Certificate in Community Real Estate Development, University of South Florida • Supervisor Apprenticeship course, Broward County			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Town of Palm Beach, Land Development Regulations Update <i>Palm Beach, FL</i>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Scarlet worked with the Town to update its land development regulations in its first complete overhaul since the 1970s. Revised standards included updates to address climate change considerations and urban design, including lot coverage, building heights and freeboard regulations, seawall regulations, and landscaping and drainage. This work led to the Town's contracting with us to help with parking and traffic management.		
b.	City of Fort Lauderdale, Comprehensive Plan Update <i>Ft. Lauderdale, FL</i>	2021	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Assistant Project Manager: The city revised the Comprehensive Plan under six platforms: Infrastructure, Public Places, Neighborhood Enhancement, Business Development, Public Safety, and Internal Support Platform. The Comprehensive Plan was written with conciseness in mind and is a visual document, where applicable, to create a highly accessible document that citizens, businesses, policymakers, and staff can easily read		
c.	City of Homestead, General Planning Services <i>Homestead, FL</i>	2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Planner: Corradino was tasked with completing the Comprehensive Plan Future Land Use Plan Map amendments, rezoning of City-owned properties in Downtown Homestead, and amending the zoning code to allow for certain public and retail/entertainment facilities. In addition, Corradino handles special projects, including annexation analyses, zoning code chapter revisions, a public art master plan, comprehensive plan amendments, and zoning and land use map changes.		
d.	Town of Cutler Bay, Comprehensive Plan <i>Cutler Bay, FL</i>	2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Corradino led the effort to write the Town's Comprehensive Plan, which significantly intensified and diversified the land uses in the Southland Mall area. Corradino also produced the Town's first Land Development Regulations.		
e.	City of North Miami Beach Circulator Route Operational Analysis <i>North Miami Beach, FL</i>	2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Assistant Project Manager: The work entailed reviewing the system's routes, headways, management, and operations. A passenger survey was conducted to understand the system's stop-by-stop performance and ridership preferences. Based on that data, an analysis was performed to modify the routes and provide services and amenities more closely aligned with riders' needs.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Kathryn R. Lyon, MBA, AICP, CFM	Senior Planner	23	5
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Doral, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) <ul style="list-style-type: none"> MBA Environmental Management, Florida Atlantic University, 2004 BA Geography, University of Florida, 2000 		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <ul style="list-style-type: none"> American Institute of Certified Planners No. 026921 Certified Floodplain Manager Florida Licensed Real Estate Agent License No. SL3265451 	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

With 22 years of zoning, land-use and development planning experience in Miami-Dade and Broward Counties, in both the private and public sectors, Kathryn provides invaluable expertise to navigate the land development process, from site evaluation and due diligence through project completion. As a Planner, GIS Analyst, Zoning Coordinator, Certified Floodplain Manager (CFM), Project Manager, and Realtor, Kathryn offers government, commercial and residential property owners, and developers a full range of services, at all phases of construction, from planning to completion.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Town of Cutler Bay Transportation Master Plan Update Cutler Bay, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. This project evaluated the City's 2012 Transportation Master Plan, with updates to local LOS determinations, intersection analyses, truck routing, and planning for transit, pedestrian, and bicycle facilities. The analysis also included reviewing the City's impact fees and a finalized project list that was incorporated into the City's Capital Improvements Program.		
b.	City of North Miami Beach Affordable Housing Study North Miami Beach, FL	2020	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Project Manager. This project addresses the affordable housing issue and needs within the City of North Miami Beach along with recommendations and edits to the Comprehensive Plan and Land Development Regulations.		
c.	Village of Key Biscayne, Evaluation and Appraisal Report (EAR) Key Biscayne, FL	2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Planner. Evaluation and Appraisal Report, periodic analysis of goals, objectives and policies of municipality comprehensive plan required by state law.		
d.	City of Homestead Planning and Development Review Services Homestead, FL	2020	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Planner. Prepare GIS maps depicting zoning and scope of land use and zoning in question for Public Hearings. Develop mapping for Special Projects.		
e.	Community Development Department, Planning and Zoning Division Cutler Bay, FL	2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Planning and Zoning Director. Oversaw complex technical work and created the Comprehensive Growth Management Plan, Land Use Regulations, and other codes related to land use. Supervised department staff and managed professional planning consultants.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Madison Yurubi	13. ROLE IN THIS CONTRACT Planner	14. YEARS EXPERIENCE a. TOTAL 2.5 b. WITH CURRENT FIRM 1.5	
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) • MS Urban and Regional Planning, University of Wisconsin, 2022 • BA English, Florida State University, 2019		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) • Jessica Bullen Community Service Award, UW-Madison Department of Planning and Landscape Architecture (DPLA), 2022			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. (1) TITLE AND LOCATION (CITY AND STATE) City of Homestead, General Planning Services <i>Homestead, FL</i> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planner: Corradino was tasked with completing the Comprehensive Plan Future Land Use Plan Map amendments, rezoning of City-owned properties in Downtown Homestead, and amending the zoning code to allow for certain public and retail/entertainment facilities. In addition, Corradino handles special projects, including annexation analyses, zoning code chapter revisions, a public art master plan, comprehensive plan amendments, and zoning and land use map changes. Ms. Yurubi has assisted with ongoing assignments for municipal development review.	2024	N/A
<input checked="" type="checkbox"/> Check if project performed with current firm		
b. (1) TITLE AND LOCATION (CITY AND STATE) City of Hialeah 2050 Master Plan <i>Hialeah, FL</i> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planner: Existing conditions transportation analysis. City-wide Discovery, Transportation, Mobility & Connectivity Plan. Consider a livable transportation and Complete Streets approach where the character area plans are part of the "city-wide" and the city-wide plan is integrated into the regional county-wide plan. Gateways and streetscape design will be critical components of the Mobility and Connectivity plan and recommendations will be included such as policies for street design, including shade and seating.	Ongoing	N/A
<input checked="" type="checkbox"/> Check if project performed with current firm		
c. (1) TITLE AND LOCATION (CITY AND STATE) City of Tamarac Comprehensive Plan Update <i>Tamarac, FL</i> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planner: Assisted in the facilitation of five (5) public workshops to better understand development needs, challenges, and opportunities throughout the City of Tamarac. In doing so, we were able to develop both short and long-range goals that serve useful toward the fulfillment of the community vision. In this endeavor, we also created visual materials (posters, mapping, infographics) to prompt meaningful discussion and to educate the community on standards that are feasible.	Ongoing	N/A
<input checked="" type="checkbox"/> Check if project performed with current firm		
d. (1) TITLE AND LOCATION (CITY AND STATE) Village of Palmetto, Bay Bicycle and Pedestrian Plan Update <i>Palmetto Bay, FL</i> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planner: Completed an overall bicycle and pedestrian master plan update with a primary sidewalk network linking the existing Village generators with the overall county The Greenway system borders both East and West boundaries. A multi-level bicycle and pedestrian network focused on servicing multiple user groups was developed, and a hierarchy facility was developed that included a primary pedestrian network, local connectivity, commuter access, greenways, commercial connectors, and policy.	2024	N/A
<input checked="" type="checkbox"/> Check if project performed with current firm		
e. (1) TITLE AND LOCATION (CITY AND STATE) City of West Melbourne Comprehensive Plan Update <i>West Melbourne, FL</i> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planner: * Updated existing data and analysis on population projections, land use data, housing data, transportation data, and infrastructure and capacity. Performed a comprehensive review of the Comprehensive Plan Elements for Education, Infrastructure and Capital Improvements, Conservation, and Intergovernmental Coordination. Used GIS mapping to update maps as a resource for policy modification as necessary.	2024	N/A
<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 Christian S. Gonzalez	13. ROLE IN THIS CONTRACT Public Engagement/Outreach	14. YEARS EXPERIENCE	
		a. TOTAL 9	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) ● BA, Media Communications, Thiel College, 2015		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ● Temporary Traffic Control (TTC) Intermediate Course ● FEMA Basic Public Information Course			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	FDOT D6, Districtwide Public Communications Consulting Services for Miscellaneous Construction Projects <i>Miami, FL</i>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Oversees all marketing and communications efforts in Miami-Dade and Monroe County. Provides QA/QC and support on various communication contracts. Conducts administrative management tasks, assists with managing the company's social media accounts and helps manage company events. Mr. Gonzalez also serves as the lead point of contact when organizing and delivering current and future marketing pursuits to various potential clients throughout South Florida.		
b.	Miami-Dade County Transportation Planning Organization (TPO), SMART Plan General Consultant Public Information Services <i>Miami, FL</i>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Provides QA/QC for all contract collaterals and deliverables. Develops project fact sheets for the proposed TPO SMART Street Transportation Enhancements Program (SMART STEP). Provides communication coordination efforts between project team and client to help create webpage development graphics, uniform program theme concepts and general project collateral overview. Performs field visits to document project site(s) progression photos and videos. Helps create and distribute project social media and newsletter content. Tracks staff hours and creates invoice/billing packets. Reviews and revises documents prior to submission.		
c.	FDOT D6, Districtwide Public Communications Consulting Services for Miscellaneous Construction Projects, <i>Miami, FL</i>	2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Community Outreach Specialist. As the in-house Community Outreach Specialist, he is the main contact for construction related projects throughout Miami-Dade County. Tasked with developing and maintaining project collaterals that include a Community Awareness Plan (CAP), project factsheet, dear neighbor letter, elected official letter, project press release and translating website content for projects preparing to enter construction in English and Spanish. Distributes information to the impacted community by performing door-to-door outreach, sending weekly project updates via email campaigns as well as other outreach methods. Develops and maintains project databases, addresses stakeholder concerns, handles media inquiries, performs general website updates and meets with elected officials as needed.		
d.	FDOT, I-395/SR 836/I-95 Design-Build Project <i>Miami, FL</i>	2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Scheduling Assistant. Working as a consultant for the Florida Department of Transportation (FDOT) on the I-395/SR 836/I-95 Reconstruction Project, maintains a project database that includes all major stakeholders, elected officials and special event venues in both the project area and regionally. Maintains a master calendar of all the special events in the area, where he provides the project team with an extensive three-week look ahead with specific events that are identified in the 'Request For Proposal' (RFP). Has an open line of communication with various community representatives and special event venues to ensure that all events are taken into consideration during the construction process.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Zed Zachary Hott, PE, SE	13. ROLE IN THIS CONTRACT Bridge Design Engineer	14. YEARS EXPERIENCE a. TOTAL 12 b. WITH CURRENT FIRM 8	
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Indianapolis, IN			
16. EDUCATION (DEGREE AND SPECIALIZATION) • MS, Architectural Engineering, Pennsylvania State University, 2012 • BS, Civil Engineering, Purdue University, 2011		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • Professional Engineer - Florida No. 81855 • Structural Engineer - Illinois No. 081008096	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Hott has spent his entire career in the transportation industry honing and developing his skills as a structural engineer. He has served as the lead designer for multiple transportation agencies small structure replacement projects, bridge rehabilitation projects, and bridge replacement projects. Mr. Hott has spent time as a construction engineer. Through these unique experiences, has gained a firm grasp on bridge design, inspection, and constructability.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
Superstructure Replacements over I-70 and I-74 <i>Montgomery and Morgan Counties, IN</i>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Project Manager. Managing a team of engineers, environmental scientists, and drafting technicians on two superstructure replacements over Interstate 70 and Interstate 74 in Montgomery and Morgan Counties, Indiana. The existing steel beams have fatigue prone details and need to be replaced before welds begin to deteriorate over the natural cyclic motions. Zed is guiding the team through multiple replacement options, ensuring the most economical solution is presented in the engineering assessment and taken through final design.		
(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
SR-1 over Butlers Run Bridge Replacement, <i>Franklin County, IN</i>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Project Manager and Lead Designer. Leading the design efforts for this bridge replacement in Franklin County. The existing reinforced concrete arch, nearing 70 years old, was initially scoped as a structure rehabilitation. Due to the deteriorating condition of the arch and poor alignment of the stream, Zed proposed an alternate solution: a complete structure replacement. Zed worked hand in hand with the INDOT District to comfortably revise the scope. Through his concentrated efforts and cost saving ideas, the replacement option is not expected to exceed the costs of the complete replacement.		
(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
SR-59 over Conneley Ditch Bridge Deck Replacement <i>Clay County, IN</i>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Project Manager and Lead Design Engineer. The Conneley Ditch crossing is a continuous, rolled steel girder, in Clay County Indiana. The superstructure, nearly 600 feet long, was in good shape; except for the concrete driving surface. The deck has spalled concrete, efflorescence, and exposed rebar. Zed is leading the design efforts of the deck replacement and verifying the portions of the structure to remain for the new loads. To accommodate, the new deck will be made composite with the existing beams. This structure provides a unique challenge due to its geological location – it is located in Seismic Zone 2. The existing substructure units needed to be verified with a time-history analysis performance of the bridge under the design earthquake motions.		
(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
SR-641 Bridge Thin Deck Overlays <i>Vigo County, IN</i>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Project Manager. Managing a team of engineers on a series of preventative maintenance projects in Vigo County, Indiana. These types of projects are growing more and more popular in the transportation industry to extend the life of newer structures. These thin deck overlays are typically placed on structures around 10 years old, in an effort to reseal the deck before roadway salts can penetrate and corrode rebar. One of these structures has an endangered species, the Indiana Bat (myotis sodalists), living underneath the structure. Zed worked with environmental staff to develop unique project specifications so the work can be completed, and the bat will not be disturbed.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME John Leff-Kelapire, PMP	13. ROLE IN THIS CONTRACT Program Controls Manager	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 36</td> <td>b. WITH CURRENT FIRM 13</td> </tr> </table>		a. TOTAL 36	b. WITH CURRENT FIRM 13
a. TOTAL 36	b. WITH CURRENT FIRM 13				
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Miami, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) <ul style="list-style-type: none"> MBA, Business Administration, St. Mary's College of California BS, Industrial Engineering, University of Arizona 		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <ul style="list-style-type: none"> Program Management Professional No. 2217097 			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <ul style="list-style-type: none"> Six Sigma Champion, Six Sigma Qualtec/Bechtel Bechtel Certificate for Performance Based Leadership (PBL) Training FrontLine Leadership; Elements of Contracts Management Proficient in Excel, PowerPoint, Word, Visio, MS Project, Primavera, Oracle, Prolog, Timberline, and Minitab 					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. FLL Terminal 5, Fort Lauderdale-Hollywood International Airport <i>Fort Lauderdale, FL</i> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Program Controls Manager. Manages a 4-member Program Controls Department that establishes, monitors, and reports on all schedules, budgets, commitments, expenditures, cash flow, and document control activities on the \$400 million Terminal 5 Program. His work involved performing a validation review of the Project Development Document (PDD) to evaluate the effects of recent construction price escalation, supply chain issues, and political events on scope, cost, schedule, and risks. He provides diligent and transparent review of project changes and mitigation strategies and identifies cost and schedule variances through effective Key Performance Indicators (KPIs).	2021	N/A
b. Ft. Lauderdale/Hollywood International Airport, Airport Expansion Program <i>Fort Lauderdale, FL</i> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Program Manager. Managed the eleven-member Program Controls Department that administers all scope, cost, schedule, document control, and information technology functions on the \$1.5 billion Airport Expansion Program. Managed the transparent Change Management program for all design and construction changes, as well as allowance account work authorizations. Prepared the AEP's Program Management Plan (PMP) and all stakeholder reporting and Key Performance Indicators (KPIs). The new \$826 million runway opened on time and on budget.	2011 - 2020	2020
c. Miami International Airport, Capital Improvement Program <i>Miami, FL</i> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Program Manager. Managed the six-member Cost Department that established, monitored, and reported on all operating and capital budgets, commitments, and expenditures on the \$6.2 billion Capital Improvement Program. Duties included managing the Change Management Program and preparing all stakeholder reporting and KPIs.	2006	2006
d. Santa Clara County Traffic Authority, Capital Improvement Program <i>Santa Clara County, CA</i> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Program Manager. Managed the eight-member Project Controls department on a ten-year, \$1.2 billion capital improvement program that provided traffic congestion relief for the citizens of Santa Clara County, CA. This 10-year program was completed in seven years (three years early) and under budget.	1997	1997



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Bruce J. Mahlie, PE	13. ROLE IN THIS CONTRACT Structural Engineer	14. YEARS EXPERIENCE a. TOTAL 14 b. WITH CURRENT FIRM 9	
15. FIRM NAME AND LOCATION (City and State) The Corradino Group, Inc. - Indianapolis, IN			
16. EDUCATION (DEGREE AND SPECIALIZATION) • MS, Structural Engineering, Purdue University, 2011 • BS, Civil Engineering, Purdue University, 2010		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) • Professional Engineer - Indiana No. 11600690 • Professional Engineer - Illinois No. 062.072994 • Professional Engineer - Florida No. 82854	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Mahlie has provided structural engineering design, structural analysis, and project coordination services for many value engineering, large design-build, rehab, and structural analysis projects. He was responsible for fast-paced bridge design, post failure analysis, structural and stability analysis during shipping, and plan development. He has also been responsible for project coordination between multiple consultants and the client.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	
City of Hollywood Johnson Street Bridge Replacement Hollywood, FL	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) Ongoing
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Bridge Engineer. Provided various traffic and transportation engineering services, including the Johnson Street Bridge Widening/Replacement Project. Corradino completed a feasibility study to evaluate design options for the bridge widening/replacement. Final design plans and permitting services included for the Johnsons Street bridge between N. 31st Avenue and N. 30th Road. The consultant also provided utility relocation design services related to the required utility relocation of three public utilities in Hollywood		
INDOT, Seymour District Bridge Rehabilitations Jackson County, IN	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) 2024
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Manager for two superstructure replacements and one bridge rehabilitation in Jackson County Indiana. Lead a team of engineers providing services from engineering assessment to environmental permitting to final plan development. Responsible for scour, roadway design, and bridge design.		
INDOT, Seymour District Small Structure Replacements Jackson County, IN	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) 2024
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Manager for four small structure replacement projects all over southeastern Indiana. Aided a team of engineers providing services from engineering assessment to environmental permitting to final plan development. Responsible for hydraulic and roadway design.		
INDOT, SR 1 over Duck and Little Duck Creek Franklin County, IN	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) 2024
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Lead Design Engineer. Lead Design Engineer on two bridge replacements in Franklin County Indiana. Mr. Mahlie is heading up the design and plan development of these two arch replacements. He is responsible for the hydraulic, roadway, and structural designs.		
INDOT, LaPorte District Small Structure Replacements LaPorte County, IN	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) 2023
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Lead for 13 small structure replacement projects located in northwestern Indiana. Leading a group of engineers, drafters, and scientists to provide complete project development services for the state of Indiana. Responsible for hydraulic, roadway, and structural design, including overall project management.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Michael Kroll, RLA, FASLA	13. ROLE IN THIS CONTRACT Principal-In-Charge / Senior Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 38	b. WITH CURRENT FIRM 36
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Sunrise, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Landscape Architecture / Graduate Studies / Urban and Regional Planning		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Registered Landscape Architect; NV / Registered Landscape Architect; KY / Registered Landscape Architect SC / Registered Landscape Architect; TX / Registered Landscape Architect	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) During his extensive career, Mr. Kroll, President of Miller Legg, has been actively involved in projects ranging from campus-wide educational facilities to international urban redevelopment projects. Mr. Kroll's diverse professional experience has led to projects that successfully integrate engineering, environmental, planning and landscape architectural services. Under his leadership, Miller Legg develops project solutions that respond to the natural environment, respect the social fabric and create sustainable aesthetic spaces.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	City of Cooper City Parks and Recreation Master Plan (PRMP) (Cooper City, FL)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-In-Charge / Senior Landscape Architect: Development of the City's first Parks and Recreation Master Plan to address current and future needs for parks, recreation, and open spaces in the 8.34-square-mile community of 35,000 residents in western Broward County. The plan will evaluate all parks, facilities, and future expansion opportunities for the next 10 years.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	City of Oakland Park Wag Dog Park (Oakland Park, FL)	2024	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-In-Charge / Senior Landscape Architect: Under our Continuing Services Contract, developed a grant-funded 1-acre Dog Park at Richard Giusti Heart Par Cours Park. Services included surveying, SUE, engineering, landscape design, cost estimates, and schematics for layout, trees, fencing, amenities, and pathways.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	20th Street & Sunset Drive Pocket Park (Miami Beach, FL)	2020	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-In-Charge / Senior Landscape Architect: Under our Continuing Services Contract, provided survey, civil, geotechnical, electrical, structural, and landscape architecture services for a new ADA-accessible 0.33-acre pocket park. The project featured public input, incorporation of an arts theme, raised site elevation, hurricane-rated play equipment, and full design-to-construction support.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Poinciana/Bougainvillea Roadway and Parking Improvements (Lauderdale By-The-Sea, FL)	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-In-Charge / Senior Landscape Architect: Under our Continuing Services Contract, provided design and permitting for parking, roadway, and landscape improvements on Poinciana St. and Bougainvillea Dr. to ease congestion near SR A1A. Services included design, lighting, utility coordination, permitting, landscaping, and construction observation.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Monterra Development (Waldrep/TOUSA Homes Parcel) (Cooper City, FL)	2015	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-In-Charge / Senior Landscape Architect: This 526-acre parcel is one of the last large remaining tracts of vacant unincorporated land in southwest Broward County. The project involves the development of a residential community that includes apartments, townhomes, and single family units. In addition, the development includes a Town Center that will provide limited commercial, restaurant and retail uses.	<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 Brian Shore, RLA	13. ROLE IN THIS CONTRACT Project Manager / Senior Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 24
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Sunrise, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Landscape Architecture		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Registered Landscape Architect FL / FDOT Intermediate Maintenance of Traffic	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Senior Landscape Architect with significant experience in landscape architectural design and landscape construction services for a variety of public and private projects. Specialties include landscape, hardscape, and irrigation design services for streetscape and roadway projects including the Florida Department of Transportation (FDOT), all aspects of active and passive park design, healthcare campuses, and environmental wetland habitat creation. Other experience includes various residential and commercial projects.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	(1) TITLE AND LOCATION (City and State) City of Coconut Creek Oak Trails Park Improvements (Coconut Creek, FL)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager / Senior Landscape Architect: Providing landscape architecture, arboriculture, irrigation, civil engineering, permitting and surveying services for the expansion of the existing park to a passive park while renovating an existing 2,000 SF building for classroom and restroom facilities. The design shall provide LEED certification while adhering to a \$2.5 million project budget, partially funded by The Florida Communities Trust (FCT) grant requirements.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) City of Cooper City Parks and Recreation Master Plan (PRMP) (Cooper City, FL)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager / Senior Landscape Architect: Development of the City's first Parks and Recreation Master Plan to address current and future needs for parks, recreation, and open spaces in the 8.34-square-mile community of 35,000 residents in western Broward County. The plan will evaluate all parks, facilities, and future expansion opportunities for the next 10 years.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) City of Oakland Park Wag Dog Park (Oakland Park, FL)	PROFESSIONAL SERVICES 2024	CONSTRUCTION (If Applicable) 2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager / Senior Landscape Architect: Under our Continuing Services Contract, developed a grant-funded 1-acre Dog Park at Richard Giusti Heart Par Cours Park. Services included surveying, SUE, engineering, landscape design, cost estimates, and schematics for layout, trees, fencing, amenities, and pathways.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) City of Lauderhill Sports Park (Lauderhill, FL)	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager / Senior Landscape Architect: Provided civil engineering, stormwater permitting, landscape architecture, and irrigation design for 12-acre park improvements. Completed synthetic turf for the baseball field, cricket pitch, and playground, replaced the football scoreboard, and designed upgrades to the fitness trail and equipment.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) Monterra Development (Waldrep/TOUSA Homes Parcel) (Cooper City, FL)	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable) 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager / Senior Landscape Architect: This 526-acre parcel is one of the last large remaining tracts of vacant unincorporated land in southwest Broward County. The project involves the development of a residential community that includes apartments, townhomes, and single family units. In addition, the development includes a Town Center that will provide limited commercial, restaurant and retail uses.	<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 Martin Rossi, PSM	13. ROLE IN THIS CONTRACT Project Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 45	b. WITH CURRENT FIRM 39
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Sunrise, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Registered Professional Surveyor & Mapper	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Senior Project Surveyor with more than four decades of surveying and subsurface utility engineering (SUE) experience. His principal areas of experience include surveys such as boundary, topographic, ALTA/ACSM land title surveys, quantity, environmental and wetland, condominium, construction layout, as-built, right-of-way, specific purpose and subdivisions and platting, as well as subsurface utility engineering (SUE). He currently manages the South Florida survey department and field crews.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	(1) School Board of Broward County (SBBC) Cooper City High School Fire Loop Main (Cooper City, FL)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor: Providing civil and surveying services for the improvement of an existing fire loop main. Surveying services consist of topographic and underground utility location designation. The civil scope covers fire main site work to serve four campus buildings and includes agency approvals, bidding assistance and final engineering plan development including associated restoration details. The firm is also providing construction administration.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) City of Pembroke Pines Master Lift Station 4 Survey (Pembroke Pines, FL)	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor: Performed a series of 3D scans in a Master Lift Station (Wet and Dry Well) utilizing the LIDAR scanner in order to provide a specific purpose survey to show items such as structure linework and dimensions and cross section views, bottom elevation or depth, clearances, slab thickness, scrubber slab, inverts, pipe materials and ladder.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) City of Oakland Park Wag Dog Park (Oakland Park, FL)	PROFESSIONAL SERVICES 2024	CONSTRUCTION (If Applicable) 2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor: Under our Continuing Services Contract, developed a grant-funded 1-acre Dog Park at Richard Giusti Heart Par Cours Park. Services included surveying, SUE, engineering, landscape design, cost estimates, and schematics for layout, trees, fencing, amenities, and pathways.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) City of Plantation Police Department Firing Range (Plantation, FL)	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) 2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor: Provided survey, civil and construction administration. Project scope included topographic and tree survey, civil engineering construction documentation preparation, regulatory agency construction document permitting, as well as bidding assistance and contract administration for this approximately 1/2 acre project. The scope included regulatory agency construction document permitting for drainage improvements, sanitary sewer, potable water and fire protection service line and building department review as necessary.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) Monterra Development (Waldrep/TOUSA Homes Parcel) (Cooper City, FL)	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable) 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor: This 526-acre parcel was one of the last large remaining tracts of vacant unincorporated land in southwest Broward County. The project involved the development of a residential community and a Town Center that provides commercial, restaurant and retail uses. Miller Legg provided a variety of design and consulting services which included, but were not limited to: land surveying, planning services, platting, environmental services, permitting, construction services, traffic engineering, civil engineering services, and construction assistance.	<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 Sandro Elvir, CST I	13. ROLE IN THIS CONTRACT Senior CAD Technician	14. YEARS EXPERIENCE	
		a. TOTAL 27	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Sunrise, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Associate of Science / Drafting/CAD		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Remote Pilot Certification FL / Certified Survey Technician Level I	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Sandro has almost 30 years of professional surveying experience ranging from a field crew chief to survey manager overseeing survey crews. His areas of expertise include land surveying, boundary, topographic, ALTA, control surveys, utility surveys, 3D Radar Tomography, GPS, route surveys, legal descriptions, laser scanning, and construction layout calculations. He is experienced in AutoCAD, Civil 3D, Cyclone and CloudWorx, and Trimble Geomatics Office. Prior to joining Miller Legg, Sandro was Survey Coordinator Manager with another South Florida surveying firm for 15 years.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
a.	(1) TITLE AND LOCATION (City and State) City of Lauderhill Lift Station 5 Upgrade (Lauderhill, FL)	PROFESSIONAL SERVICES 2024	CONSTRUCTION (If Applicable) 2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior CAD Technician: Under our continuing services contract, provided civil engineering and surveying services. Along with preparation of a boundary and topographic survey, the surveying scope included use of a 3D Lidar scanner for a specific purpose survey to secure wet and dry well measurements and a 360 degree inspection capability for client. The firm performed a due diligence investigation related to feasibility and design to connect the existing Lift Station #5 to an existing 16" force main. The scope also includes construction documents, bidding assistance and construction administration		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) City of Miami Gardens Rolling Oaks Regional Park (Miami Gardens, FL)	PROFESSIONAL SERVICES 2024	CONSTRUCTION (If Applicable) 2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior CAD Technician: Providing civil engineering, landscape architecture, surveying and SUE services for renovation of Rolling Oaks Regional Park including a recreation building, renovated restroom facilities, expansion of walking trail with lighting, distance marker, and exercise stations, new pavilions, new parking lot, refurbished basketball and tennis courts, new fencing, new shaded playgrounds, new landscaping and irrigation, addition of horseshoe pits, sand volleyball, mini golf and splashpad.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) City of Hollywood Boulevard Route Survey (Hollywood, FL)	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior CAD Technician: For the Hollywood Community Redevelopment Agency, Miller Legg provided topographic and tree survey and underground utility designation and mapping between 19th Avenue and 21st Avenue, and between Tyler Street and Harrison Street.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) City of Pembroke Pines Master Lift Station 4 Survey (Pembroke Pines, FL)	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior CAD Technician: Miller Legg performed a series of 3D scans in a Master Lift Station (Wet and Dry Well) utilizing the LIDAR scanner in order to provide a specific purpose survey to show items such as structure linework and dimensions and cross section views, bottom elevation or depth, clearances, slab thickness, scrubber slab, inverts, pipe materials and ladder.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) City of Miramar Historic Public Safety Complex (Miramar, FL)	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) 2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior CAD Technician: The City of Miramar replaced the Civic Center and Child Care building with a new one-story 24,000 SF building to accommodate its police substation, storage, administrative and other law enforcement and public safety facilities, in addition to a surface parking lot for safety vehicles. The new building received LEED Gold certification. Miller Legg provided civil engineering design, permitting and construction administration services as part of the Architects Design Group team. Government permitting included the City of Miramar, Broward County and FDEP. The firm also provided LEED certification and value engineering review services.		
	<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 Joaquin Mojica, PE	13. ROLE IN THIS CONTRACT Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION (City and State) Miller Legg, Sunrise, FL

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Registered Professional Engineer
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Mojica has extensive project management, design and permitting experience in Florida and the Caribbean. He has provided civil engineering design and management services to both private and public sector clients. As Regional Engineering Manager, Mr. Mojica's responsibilities include preparation of proposals, negotiation of engineering contracts, client relations, project reporting, scheduling, budgeting, management of technical staff and subconsultants, design, and permitting. He is highly skilled in CAD/Civil 3D, ICPR and POND software.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	2024	2024
	Project Engineer: Under our Continuing Services Contract, developed a grant-funded 1-acre Dog Park at Richard Giusti Heart Par Cours Park. Services included surveying, SUE, engineering, landscape design, cost estimates, and schematics for layout, trees, fencing, amenities, and pathways.	[X] Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State)	2021	2021
	City of Miramar Historic Public Safety Complex (Miramar, FL)	[X] Check if project performed with current firm	
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	2017	2019
	Project Engineer: Replacement of the old Civic Center building with a new one-story 24,000 SF building to accommodate its police substation, storage, administrative, other law enforcement and public safety facilities, and parking lot for safety vehicles. For this LEED Gold project, provided civil engineering design, permitting, construction administration LEED certification and value engineering services. Permitting included the City of Miramar, Broward County and FDEP.	[X] Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State)	2022	2022
	City of Miami Museum Park Baywalk Phase 3 (Miami, FL)	[X] Check if project performed with current firm	
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	2022	2022
	Project Engineer: Provided landscape architecture, civil engineering, lighting/electrical engineering, surveying, SUE, permitting and limited construction administration services for the Miami Baywalk Phase 3 Project. Permitting of the project improvements was provided through the City of Miami, Miami-Dade County and South Florida Water Management District. This project was performed under our Miscellaneous Landscape Architectural Services contract.	[X] Check if project performed with current firm	
f.	(1) TITLE AND LOCATION (City and State)	2022	2022
	Town of Davie Judy Paul Farm Park at Governor Leroy Collins Grounds (Davie, FL)	[X] Check if project performed with current firm	
g.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	2022	2022
	Project Engineer: 20-acres of development which will include an educational center, riding arena, stables, farmers market and playground. The park will provide volunteer opportunities, farm tours, field trips, summer camps, community gardens, and equestrian programs for the special needs population. Providing civil engineering, surveying, landscape architecture, and environmental services.	[X] 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 Martin Grinbank	13. ROLE IN THIS CONTRACT Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Sunrise, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Local Technical Assistance Program	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) With a 28+ year civil engineering career in South Florida, Mr. Grinbank has led a range of multi-discipline, multi-office teams through the development and execution of a wide array of public and private sector projects. He is experienced in all aspects of land development civil engineering facets and is highly proficient in all relevant industry software.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	(1) City of Coconut Creek Oak Trails Park Improvements (Coconut Creek, FL)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer: Providing landscape architecture, arboriculture, irrigation, civil engineering, permitting and surveying services for the expansion of the existing park to a passive park while renovating an existing 2,000 SF building for classroom and restroom facilities. The design shall provide LEED certification while adhering to a \$2.5 million project budget, partially funded by The Florida Communities Trust (FCT) grant requirements.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) City of Oakland Park NE 13th Avenue Improvements (Oakland Park, FL)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer: Under our Continuing Services Contract providing survey and civil engineering services for the proposed stormwater management and sidewalk improvements along the NE 13th Avenue 3-mile corridor which entails providing sidewalks, new driveway connections and stormwater system improvements to connect the various streets east and west of NE 13th Avenue to the existing 72-inch drainage pipeline in NE 13th Avenue.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) School Board of Broward County (SBBC) Cooper City ES Sidewalk (Cooper City, FL)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer: Project Manager Miller Legg is reviewing existing stormwater permits, meeting with regulatory agencies, preparing a concept plan to extend an existing sidewalk to the right-of-way and installing a pedestrian gate at the south corner of the school property.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) Greater Boca Raton Beach and Parks District North Park (f/k/a Ocean Breeze) Phase I Traffic Impact Study (Boca Raton, FL)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer: Providing traffic engineering services for North Park Phase I as required by the City of Boca Raton.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) Broward County Sheriff's Office New Training Center Garage D/B (Fort Lauderdale, FL)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer: A new 80,000 SF 7-story structure, 2 stories for training and 5 stories for 700+ parking spaces. Scope of services included site surveying, site civil and utility infrastructure engineering, landscape architecture, arborist and permitting assistance and for construction observation. This project is being pursued for LEED Silver Certification.	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If Applicable) 2023



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME William Mohler, CA, TRAQ, PWS, CLI	13. ROLE IN THIS CONTRACT Certified Arborist Environmental Scientist	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Sunrise, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Ecology, Minor in Geography Certificate / Environmental Studies		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / FDEP Stormwater, Erosion & Sedimentation Inspector FL / FDOT Intermediate Maintenance of Traffic ISA Tree Risk Assessment Qualification Professional Wetland Scientist	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Mohler is experienced in environmental document preparation, ecological monitoring and assessment, compliance monitoring, and geographic information systems (GIS). He has a comprehensive knowledge of Florida floral and faunal communities and their interactions. His training and practical experience includes lab and field experimentation, biological sample			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City of Port St. Lucie Crosstown Landscape Inventory (Port St. Lucie, FL)		PROFESSIONAL SERVICES 2024	CONSTRUCTION (If Applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Certified Arborist: Under the firm's Continuing Services contract, Miller Legg provided arborist services for the City of Port St. Lucie in St. Lucie County. The project scope included an inventory collection and data update for 8,653 trees and landscape beds throughout the City.		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City of Sunny Isles Beach Landscape Architecture Services Contract (Sunny Isles Beach, FL)		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Certified Arborist: Collaborating with the City of Sunny Isles Beach to provide a variety of landscape architecture services under the firm's multi-year Continuing Services Contract for Landscape Architecture Services (2022 – 2027).		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City of Tamarac Commercial Boulevard Landscaping Improvements (Tamarac, FL)		PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) 2022
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Certified Arborist: The City of Tamarac engaged Miller Legg to provide landscape architectural and survey services for the existing medians along 1.70 miles of West Commercial Boulevard in Broward County between North Pine Island Road and Sawgrass Expressway. In addition to landscape architecture, a certified arborist report and survey (including vacuum excavations) services, the Miller Legg team provided lighting and electrical services, irrigation design, permitting, and construction administrative services. Coordination efforts with multiple agencies, such as the Florida Turnpike Authority (FTE) and the South Florida Water Management District (SFWMD), is included in the project scope. Specific services for these roadway improvements entailed providing a specific purpose survey showing only above-ground improvements, compiling a 30% conceptual landscape and lighting plan, and providing 100% construction documents for irrigation, landscape, hardscape, lighting and electrical, and an arborist assessment.		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City of Miami Beach South Beach Tree and Dune Inventory (Miami Beach, FL)		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If Applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Certified Arborist: Conducted a comprehensive tree and dune vegetation inventory on a section of South Beach east of the pedestrian walk from 3rd to 5th Streets. All 300 tree species found within the area were inventoried as point locations with associated attributes and all dominant shrub and ground cover species were collected as polygon data with associated percent coverage and species data. The information was then displayed on a digital map and the data was provided to the client in .shp file format.		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Delray Beach Germantown Road Complete Streets Improvements (Delray Beach, FL)		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Certified Arborist: Provided landscape architecture and certified arborist services. The City's vision was to enhance Complete Streets environments for all road users, including motorists, cyclists, and pedestrians. Project improvements included multi-use paths and pedestrian-scale lighting on both sides of Germantown Road while preserving/restoring existing pavement, and minor landscape enhancements along the corridor from Old Germantown Road to South Congress Avenue. The City was awarded a federally funded grant under its Local Area Program (LAP).		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT


(Complete one Section E for each key person.)

12. NAME Matthew Dancho, MS, CA	13. ROLE IN THIS CONTRACT Environmental Specialist	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Sunrise, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Biology Master of Science / Marine Biology		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FDEP Qualified Stormwater Management Inspector FL / Registered Burrowing Owl Agent FL / Certified Arborist Certificate of Personal Watercraft Operation FL / FDOT Intermediate Maintenance of Traffic	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Dancho is an Environmental Specialist, Registered Burrowing Owl Agent and Certified Arborist responsible for performing investigations on biological and ecological impacts as well as tree surveys affecting the firm's public and private sector projects. Specific responsibilities include: wetland determinations and delineations, wetland mitigation design and monitoring, environmental permitting, threatened and endangered species surveys and assessments, habitat mapping and tree inventories and arborist services.			


19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	City of Oakland Park Wag Dog Park (Oakland Park, FL)	2024	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental Specialist: Under our Continuing Services Contract, developed a grant-funded 1-acre Dog Park at Richard Giusti Heart Par Cours Park. Services included surveying, SUE, engineering, landscape design, cost estimates, and schematics for layout, trees, fencing, amenities, and pathways.	[X] Check if project performed with current firm	
b.	City of Homestead Biscayne-Everglades Greenway Trail (Homestead, FL)	2023	2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental Specialist: Services provided for this 3.2 mile, 12-foot-wide shared-use trail project were landscape architectural, engineering, surveying and environmental service including preparation of FDOT-approved construction documents, design of regulatory and wayfinding signs, pavement markings, safe pedestrian push button crossing and necessary drainage within the C-103 Canal right-of-way from East Mowry Drive to SW 137th Avenue in Homestead. The scope of services was based upon a 2017 Florida Shared-use Non-Motorized Trail Agreement between the City and FDOT.	[X] Check if project performed with current firm	
c.	City of Miami Beach Chase Avenue and 34th Street Shared Path (Miami Beach, FL)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental Specialist: Provided surveying, civil engineering and landscape architecture services related to the new Chase Avenue and 34th Street shared path and roadway improvements project. The scope of services included topographic surveying, tree inventory, disposition and permitting; irrigation, landscape, hardscape and amenities design, site civil design development, permitting coordination, bidding assistance/contract administration and construction phase tasks including construction observation.	[X] Check if project performed with current firm	
d.	Town of Davie Judy Paul Farm Park at Governor Leroy Collins Grounds (Davie, FL)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental Specialist: 20-acres of development which will include an educational center, riding arena, stables, farmers market and playground. The park will provide volunteer opportunities, farm tours, field trips, summer camps, community gardens, and equestrian programs for the special needs population. Providing civil engineering, surveying, landscape architecture, and environmental services.	[X] Check if project performed with current firm	
e.	Broward County Sheriff's Office New Training Center Garage D/B (Fort Lauderdale, FL)	2023	2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental Specialist: A new 80,000 SF 7-story structure, 2 stories for training and 5 stories for 700+ parking spaces. Scope of services included site surveying, site civil and utility infrastructure engineering, landscape architecture, arborist and permitting assistance and for construction observation. This project is being pursued for LEED Silver Certification.	[X] Check if project performed with current firm	



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT			
	12. NAME Angela L. Alba, PE	13. ROLE ON THIS CONTRACT Chief Geotechnical Engineer	14. YEARS EXPERIENCE a. Total 26 b. With Current Firm 10
	15. FIRM NAME AND LOCATION (City and State) AREHNA Engineering, Inc., Sunrise, Florida		
16. EDUCATION (Degree and Specialization) Master of Science, Civil Engineering, Geotechnical Focus Massachusetts Institute of Technology, 1998 Bachelor of Science, Civil Engineering University of Puerto Rico, 1995		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) Professional Engineer, Florida Registration No. 58538, 2002	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Ms. Alba has provided geotechnical engineering services on numerous geotechnical explorations over the past 26 years, including serving as the Geotechnical Discipline Lead for the I-595 Corridor Improvement project in Broward County, Florida, which is the first Public-Private-Partnership (P3) projects ever awarded by FDOT. Ms. Alba has been involved in the planning, analysis, execution, and review of geotechnical projects ranging from roadway and railways to complex roadway bridge and tunnel projects to commercial high-rise buildings, school projects, parks and trails, and other local municipality projects.			
19. RELEVANT PROJECTS			
A	(1) TITLE AND LOCATION (City and State) Geotechnical Engineering and Testing Continuing Services Contract (Prime) Sunrise, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021 - Ongoing CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Chief Geotechnical Engineer: The scope of work has included a variety of projects, including Sunrise Department of Utilities Wastewater Treatment Plant (MW1A) and Sawgrass Headworks Influent Line Improvements. Ms. Alba provided oversight.		
B	(1) TITLE AND LOCATION (City and State) Professional Engineering Continuing Services Civil Engineering Roadway Projects Several (Broward County), Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2022 - Ongoing CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Geotechnical Engineer: Ms. Alba provides geotechnical engineering and materials testing services for this design and roadway improvements continuing services contract. Projects have included bridge replacement over C-10 canal, milling and resurfacing, and drainage improvements.		
C	(1) TITLE AND LOCATION (City and State) City of Oakland Park Mast Arm Traffic Signals Oakland Park, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2022 CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Geotechnical Engineer: This project consists of new mast arm foundations at 19 intersections throughout the City of Oakland Park. Ms. Alba's responsibilities included project oversight for the geotechnical engineering services, including field and utility coordination, report preparation, and recommendations.		
D	(1) TITLE AND LOCATION (City and State) Port Everglades Bulkhead Replacement Project, Group 1 Ft. Lauderdale, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2020 - Ongoing CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Chief Geotechnical Engineer: AREHNA provides geotechnical engineering and materials testing services for this project, which consists of bulkhead wall replacements at Berths 1 through 3 and North Entrance Channel. Ms. Alba provided project oversight for field and utility coordination, geotechnical analysis, report preparation, and recommendations.		
E	(1) TITLE AND LOCATION (City and State) City of West Park, Consultant Services (Prime) West Park, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2023 - Ongoing CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Chief Geotechnical Engineer: AREHNA provides geotechnical engineering services directly for the City of West Park. Projects have included Countyline Road reconstruction and drainage improvements, miscellaneous structures and Saunders Park Monument Wall Reconstruction. Ms. Alba provides project oversight for field and laboratory coordination, geotechnical analysis, report preparation, and recommendations.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT			
	12. NAME Jessica A. McRory, PE, LEED AP	13. ROLE ON THIS CONTRACT Senior Geotechnical Engineer	14. YEARS EXPERIENCE a. Total 21 b. With Current Firm 15
	15. FIRM NAME AND LOCATION (City and State) AREHNA Engineering, Inc., Tampa, Florida		
	16. EDUCATION (Degree and Specialization) Master of Science, Civil Engineering, Geotechnical Focus University of South Florida, 2004 Bachelor of Science, Civil Engineering University of South Florida, 2003		
		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) Professional Engineer, Florida Registration No. 68440, 2008 LEED Accredited Professional	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Ms. McRory has managed the geotechnical aspects of testing, design and construction for over a thousand engineering projects. Her involvement has included analysis and evaluation of soil conditions pertaining to new construction design, as well as ongoing construction projects. Project experience has ranged from large FDOT contracts to large commercial projects. Evaluations have included soil and groundwater conditions, determining soil bearing capacity and consolidation characteristics and analyzing the performance of various types of foundation systems. Ms. McRory is active in several professional organizations including, FES, SAME, ABC and is the past Branch President for ASCE.			
19. RELEVANT PROJECTS			
A	(1) TITLE AND LOCATION (City and State) Geotechnical Engineering and Testing Continuing Services Contract (Prime) Sunrise, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Contract Manager: AREHNA serves as the Prime consultant and supports geotechnical engineering and materials testing on this task-order contract. Ms. McRory's responsibilities include project oversight, field and laboratory coordination, analysis and recommendations. The scope of work has included a variety of projects, including Sunrise Department of Utilities Wastewater Treatment Plant (MW1A) and Sawgrass Headworks Influent Line Improvements.		
B	(1) TITLE AND LOCATION (City and State) County-Wide Continuing Engineering Services for Traffic, Roadway, and Civil Projects, Broward County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2020 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Geotechnical Contract Manager: AREHNA supports this county-wide task-order contract on an as-needed basis providing geotechnical engineering. Project tasks to include design, engineering, study, analysis and evaluation, implementation, construction, and construction management of various projects. Ms. McRory's responsibilities include project oversight.		
C	(1) TITLE AND LOCATION (City and State) Continuing Construction Engineering and Inspection (CEI) and Design Services Broward County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Geotechnical Contract Manager: AREHNA is providing geotechnical and materials testing services for design and roadway studies and traffic projects on this continuing services contract. Scope includes roadway improvement projects, bridge design and replacement, miscellaneous structures, traffic safety, signing, subarea/corridor planning, signalization and drainage systems. Ms. McRory's responsibilities include project oversight.		
D	(1) TITLE AND LOCATION (City and State) City of Weston Roadway and Corridor Improvements Weston, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Contract Manager: AREHNA provides geotechnical engineering services for multiple city projects that include roadway widening and drainage improvements, new mast arms and milling and resurfacing. Ms. McRory provided quality control/quality assurance for the project.		
E	(1) TITLE AND LOCATION (City and State) District-Wide Geotechnical and Materials Testing Contract District Six, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2019 - 2022	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Contract Manager: Ms. McRory provided geotechnical engineering services for this task-order contract. Scope of work has included pavement coring and geotechnical support of in-house design projects.		



E. Resumes of Key Personnel Proposed for this Contract (Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Jessica Reyes, P.E., IMSA II	Senior Engineer I - Data Collection	a. Total	b. With Current Firm
		22	10

15. FIRM NAME AND LOCATION (City and State)

CTS Engineering, Inc. - Ft. Lauderdale, FL

16. EDUCATION (Degree and Specialization)

BSCE, ASCE

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

Florida P.E. # 77542, 2014

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

IMSA II, 2019

Among her work experience, she prepares traffic engineering and operational studies which include LOS Analyses, Safety Analyses and Qualitative Assessment. Her traffic and planning study experiences also include field observations, traffic data collection, traffic data analysis, roadway data collection, PTMS design and inspection, safety analysis, and crash data analysis.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Planning RCI Data Collection and Analysis, FDOT District 7	Professional Services	Construction (If Applicable)
		2021-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Project Manager. Provided the Department with RCI and HPMS professional services support for providing required statistical highway data. This support includes data collection and data entry, plans review, geographic information system (GIS) mapping, graphics preparation, SLD preparation utilizing MicroStation and AutoCADD and FDOT's Auto Diagrammer software, conducting public hearings, and other tasks to support Roadway Characteristics Inventory (RCI), Straight Line Diagrams (SLD's), Linear Referencing System (LRS) mapping, and Highway Performance Monitoring System (HPMS) functions within District 7.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Districtwide Traffic Data Collection Project, FDOT District 4	Professional Services	Construction (If Applicable)
		2009-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Task Manager for the Traffic Characteristics Inventory (TCI) tasks. Implemented GIS applications to provide field maps and inventory tracking. Used SPS (MS2), currently using SPS and Counts Check applications to process the field information and to verify count sites. Performed PTMS design and inspections.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Districtwide RCI Data Collection, FDOT District 4 & 6	Professional Services	Construction (If Applicable)
		2010-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Project Engineer. Provide planning services to support the Department's Districtwide routine RCI and HPMS data collection efforts, in-house support, roadway functional classification updates, traffic data collection and support, innovative data collection methodology development, project specific data collection, basemap package, and GIS support.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	BCT Fixed Route Ride-Check-Data Collection, Broward County Transit	Professional Services	Construction (If Applicable)
		2021-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Task Lead. Responsible for managing crews of surveyors which includes the supervision of the on-board ride check team and for ensuring full and accurate reporting on all sampled trips including specific details of the buses number, route number, block number, and other information.		



E. Resumes of Key Personnel Proposed for this Contract
(Complete one Section E for each key person.)

12. NAME Nelson Fernandez	13. ROLE IN THIS CONTRACT Sr. Engineering Technician	14. YEARS EXPERIENCE	
		a. Total 18	b. With Current Firm
15. FIRM NAME AND LOCATION (City and State) Ft. Lauderdale, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Districtwide Statistics Contract, FDOT District 6 Senior Technician	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2010-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Provided planning services to support the Department's Districtwide routine RCI and HPMS data collection efforts, roadway functional classification updates, traffic data collection and support, innovative data collection methodology development, project specific data collection, in-house support, and GIS support.		
vb.	(1) TITLE AND LOCATION (City and State) Districtwide Miscellaneous Traffic Studies & RCI Data Collection, FDOT District 6 - Senior Technician	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2009-2011	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Performed Roadway Characteristics Inventory (RCI) data collection and data entry for Traffic Features collected for this contract. He also assisted office work for field data collection prior to inventory using Google, Iview, and RCI mainframe information. Mr. Fernandez developed a target schedule to complete the work assignments on time. He also updated file systems as segments were inventoried. He provided office support for electronic submittals for all data files in the format requested by FDOT.		
c.	(1) TITLE AND LOCATION (City and State) Districtwide Roadway Data Collection, FDOT District 4 Senior Technician	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2011- Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	This project involved Mr. Fernandez in several tasks from pre-field inventory until the submittal process. He performed RCI field data collection, data input into the RCI database, running edits for the data input, preparation of SLD's, and submittal based on timeliness.		
d.	(1) TITLE AND LOCATION (City and State) Planning RCI Data Collection and Analysis, FDOT District 7 Senior Technician	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2021-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	Mr. Fernandez supports District 7 by offering the latest data collection methods and innovative ideas for RCI, HPMS and Construction Notices. He keeps records of schedules and mapping routes. Mr. Fernandez performs all the data collection from pre-office inventory to post-office inventory leading to effective submittals. He is also responsible for his assigned schedule of section and responsible for meeting its deadlines. He collects all new roadway alignments using GPS coordinates. He is also aware whenever there has been a realignment due to his prior work before heading to the field. Extremely familiar using the DMI, MicroStation and all FDOT applications needed to complete his assignments.		
e.	(1) TITLE AND LOCATION (City and State) I-95 PD&E Study, FDOT District 4 Senior Technician	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		9/2013-11/2013	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	Under this project, Mr. Fernandez performed various tasks such as field traffic data collection, office data processing, and assisted with preparation of the project submittal.		



E. Resumes of Key Personnel Proposed for this Contract
(Complete one Section E for each key person.)

12. NAME Steve Hughes, P.E.	13. ROLE IN THIS CONTRACT Senior Engineer I	14. YEARS EXPERIENCE	
		a. Total 23	b. With Current Firm 11
15. FIRM NAME AND LOCATION (City and State) CTS Engineering, Inc. - Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science in Civil Engineering, University of Florida, 2001		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida P.E. # 64740, 2006 Georgia P.E. # 048976, 2022	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Advance MOT Certification; FDOT Supervisor Academy; FDOT Management Academy; FDOT Specifications Training; 3D Modeling Roadway Design - FDOT

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
a.	Continuing Services Minor Project Design, FDOT District 4 Project Manager and Engineer of Record	2020-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Includes supporting the District 4 Design Office with comprehensive design services to produce construction contract plans for a variety of projects. Typical projects include RRRs, Safety Improvements, Corridor Lighting, Bridge Rehabilitations, and Off-System Mobility Projects. All project plan sets are developed in CADD utilizing 3D modeling and include utility designates, test holes, utility coordination, and utility relocations. Primary responsibilities include serving as Engineer of Record on various individual task work orders, utility coordination, and quality control reviews of all construction plans, calculations, and technical aspects of the project.		
b.	US-27 Safety Projects, FDOT District 4 Project Manager and Engineer of Record	2018-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project includes safety improvements along US-27 in Broward County from just N of I-75 to the Broward/Palm Beach County line. Improvements include shoulder widening, auxiliary lanes, internally illuminated RPM's, ITS enhancements, and other signing and pavement marking enhancements. The project also included SFWMD and USACE permitting, wetland mitigation, utility coordination, and drainage modifications.		
c.	SR-80 Lighting, FDOT District 4 Senior Utility Coordinator and Survey/SUE Oversight	2021-2023	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project included 18 miles of continuous lighting along SR-80 from SR-15 to CR-880. CTS' role included survey, designates/test holes throughout the corridor limits, and utility coordination. Primary responsibilities included utility coordination and clearance of conflicts with ten utility agencies.		
d.	Hollywood/Pines Blvd. Multimodal Corridor Study, FDOT District 4 Project Manager	2014-2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Task included analysis and cost estimates for numerous corridor improvements including bike lanes, sidewalk, bus stops and shelters as recommended by the Broward MPO. The improvements were packaged for final design and construction by FDOT.		
d.	Oakland Park Blvd. and NW 94th Ave, Broward County HCED Project Manager and Engineer of Record	2019-2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project included four new mast arms, upgraded pedestrian features (including curb ramps), milling & resurfacing of the intersection, overbuild for ponding removal, and enhanced signing & pavement markings.		



E. Resumes of Key Personnel Proposed for this Contract
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Brent Lee Shue Ling, P.E.	Project Manager - Civil Engineering	a. Total	b. With Current Firm
		19	6
15. FIRM NAME AND LOCATION (City and State)			
CTS Engineering, Inc. - Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
B.E. in Civil Engineering, Magna Cum Laude The City College of New York, 2005		Florida P.E. # 71453, 5010	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Advance MOT Certification; FDOT Supervisor Academy; FDOT Management Academy; FDOT Leadership Academy

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Continuing Services Minor Project Design, FDOT District 4.	Professional Services	Construction (If Applicable)
		2020-Present	
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	
		<input checked="" type="checkbox"/> Check if performed with current firm.	
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	SR 7 Mobility & Transit Improvements, FDOT District 4.	Professional Services	Construction (If Applicable)
		2015-2018	
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	
		<input type="checkbox"/> Check if performed with current firm.	
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Miramar Blvd. Park and Ride Lot, FDOT District 4.	Professional Services	Construction (If Applicable)
		2015-2018	
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	
		<input type="checkbox"/> Check if performed with current firm.	
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Old Dixie Highway Complete Streets (FPID 432949-1), FDOT District 4.	Professional Services	Construction (If Applicable)
		2015-2018	
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	
		<input checked="" type="checkbox"/> Check if performed with current firm.	



E. Resumes of Key Personnel Proposed for this Contract
(Complete one Section E for each key person.)

12. NAME Michael Melendez, P.E.	13. ROLE IN THIS CONTRACT Senior Engineer I	14. YEARS EXPERIENCE	
		a. Total 26	b. With Current Firm 1.5
15. FIRM NAME AND LOCATION (City and State) CTS Engineering, Inc. - Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) B. Sc. in Civil Engineering University of Florida, 1996		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida P.E. # 58698, 2002	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Maintenance of Traffic (Advanced); Stormwater, Erosion, and Sedimentation Control Inspector. Certified Public Manager (Level 1 thru 4)			

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Interim Bicycle, Pedestrian, and Complete Streets Coordinator and In-house Support FDOT District 4, Office of Modal Development	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2022-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Responsible for Context Classification determinations, complete streets advocacy, master planning, advisory committees, design reviews, project management, Target Zero initiatives, walking/safety audits, and Vulnerable Road User analysis.		
b.	(1) TITLE AND LOCATION (City and State) Broadview Park Drainage Infrastructure Improvement Study and Master Plan, Broward County - Project Manager	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2023-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	The scope of work included survey, geotechnical testing, project management, stakeholder coordination, drainage analysis, cost estimating, public outreach, grant support, and technical reporting. Geotechnical data was used to develop a drainage model of the existing conditions. The project deliverables include survey data, geotechnical report, recommended alternatives, cost estimates, drainage models (existing and proposed conditions), interim/final drainage report, and public comments.		
b.	(1) TITLE AND LOCATION (City and State) Modal Support Contract, FDOT District 4 In-House Consultant	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2022-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Responsible for supporting the Office of Modal Development with various roles such as Interim Bicycle, Pedestrian and Complete Streets Coordinator as well as serving as primary point of contact for County's Intermodal Center project.		
c.	(1) TITLE AND LOCATION (City and State) SR A1A Resurfacing, Restoration, and Rehabilitation, FDOT District 4 Project Manager and Engineer of Record	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2013-2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	The project included the RRR of SR A1A from Oakland Park Boulevard to Palm Avenue. The project proposed lane repurposing to accommodate buffered bike lanes, while also ensuring the existing bus stops were preserved and improved. Included production of roadway, signing, and pavement marking plans. Other responsibilities included, but were not limited to team management, client coordination, public involvement, and utility coordination.		
d.	(1) TITLE AND LOCATION (City and State) Architecture & Engineering (A/E) Services, Broward County Civil Engineering Lead and Engineer of Record	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2012-2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	Responsible for working closely with the architect team to provide civil engineering services for the installation or replacement of bus shelters throughout Broward County. This involved civil engineering related tasks over multiple work orders, including but not limited to existing site assessments, project scoping, utility coordination, ADA compliance, custom shelter site integration, civil plans production, local agency permitting, bidding, construction support.		



E. Resumes of Key Personnel Proposed for this Contract
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Eva Campello, P.E.	Engineer II	a. Total	b. With Current Firm
		16	9
15. FIRM NAME AND LOCATION (City and State) CTS Engineering, Inc. – Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science in Civil Engineering, Florida Atlantic University, 2007		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida P.E. # 78516, 2015	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Advanced MOT Certification, AGi32 Certification, FDOT Supervisor Academy, Certified Public Manager Levels 1-3.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
a.	SR-25 (US-27) Shoulder Widening and Auxiliary Lane, FDOT District 4.	2018-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Lead Engineer. Project involved the addition of inside/outside shoulder from north of the I-75 Interchange to Broward/Palm Beach County Line (13 miles) Line in Broward County, FL; addition/extension of auxiliary lanes to improve access to two boat ramps; and installations of internally illuminated raised pavement markings (IIRPMs). Primary responsibilities include Lead Design Engineer for Roadway Plans.		
b.	I-95 Safety, FDOT District 4.	2017-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Lead Engineer. Project includes new lighting from SR-706 interchange to the CR-708 interchange. Project also includes extension of the northbound inside general-purpose lane, extension of the SR-706 exit ramps, advanced guide signs, and curve warning signs. Primary responsibilities include Roadway and Signing & Pavement Marking Plans.		
c.	Districtwide SIS Program Support, FDOT District 4.	2014-2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Lead Engineer. Provide comprehensive planning and engineering services to FDOT District 4 Strategic Intermodal System (SIS). Lead the tasks of performing project needs identification, concept development feasibility, design plans, cost estimates, field reviews, and permit connection reviews on SIS corridors. As part of the contract, Ms. Campello recently assisted FDOT with plans and estimate for: SR-80 at Lyons Road, SR-838/Sunrise Blvd. at US-1 roundabout design, and Hollywood Blvd./Pines Blvd Corridor Study.		
d.	NW 19th Street Bike Lanes, FDOT District 4.	2014-2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Lead Engineer. Project includes widening, restriping, and/or repurposing of the outside through lanes to create 4' bike lanes. Initial tasks required close coordination with the Broward MPO, FDOT, County, and City staff to finalize the project scope. Project also includes milling & resurfacing, ADA upgrades (including curb ramps, sidewalk, bus stop locations, and a bus shelter relocation and pad replacement), enhanced signing & pavement markings, signalization, lighting retrofits, and drainage improvements.		
d.	SR-932/NW 103rd Street RRR and Safety, FDOT District 6.	2019-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Lead Engineer. Project includes milling and resurfacing, minor widening, and signalization/signing improvements to enhance traffic maneuvers. Project also includes ADA upgrades (including curb ramps, sidewalk, and bus stop locations), enhanced signing & pavement markings, and drainage improvements. Primary responsibilities include Lead Design Engineer for Roadway Plans.		



E. Resumes of Key Personnel Proposed for this Contract
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Lissy La Paix Puello, P.E., PhD	Senior Transportation Engineer	a. Total	b. With Current Firm
		18	2
15. FIRM NAME AND LOCATION (City and State)			
CTS Engineering, Inc. - Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Ph.D., Civil Engineering Transport		Florida P.E. # 92210, 2021	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Certified University Teacher; Project Management Training; SPSS; Agi32

Ms. La Paix Puello's expertise covers travel behavior, discrete choice models, intelligent transport systems, traffic safety improvements and traffic analysis, quantitative and qualitative methods for integrated public transport systems and data collection. She has presented more than 40 conference papers in high standing conferences around the world. Her thesis titled "Modelling the impact of built environment, geographical scales and latent constructs on individual travel behavior" was awarded cum laude by the Universidad Politécnica de Madrid. She is currently the EOR of numerous ITS/traffic projects for multiple Districts in Florida.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
a.	SR 100 Safety Improvements from Belle Terre to Old Kings, District 5	2022-2023	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Engineer of Record. This project involves pavement restoration, milling and resurfacing with the interaction of several roadway elements such as signalization, lighting and ITS. Among other tasks for this project, the following are accomplished: analysis of traffic improvements and signalization, pedestrian improvements, smart signal design, ITS wrong way driving detection system, safety improvements on roadway lighting and smart signal detection including intersection movement counts.		
b.	St. Lucie Gatlin Blvd I-95, FDOT District 4	2021-2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	Engineer of Record. This project involves the design of Dynamic Curve Warning System (DCWS), a Road Weather Information System, Dynamic Message System (DMS) and a CCTV camera. The design included a preparation of a concept of operations report according to the FDOT guidelines, concept layout, estimation of quantities, and final plans of each subsystem and connectivity to existing systems. Selection of systems requirements and analysis of alternatives is included. Major challenges include the design of an integrated system available 24/7 under high serviceability scenarios.		
c.	SR 9/I-95 Various Interchange Improvement Locations, St. Lucie and Palm Beach Counties, FDOT District 4.	2020-2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	Intelligent Transport Systems for various interchange improvements for roadway, lighting, signing, and pavement marking, signalization and intelligent transportation systems (ITS) design. Dr. La Paix is the ITS Engineer of Record for wrong way vehicle detection system (WWVDS) at system off ramps on I-95/Belvedere Blvd. and I-95/Midway Blvd. interchanges. Design requirements for the WWVDS included fiber optic communications design and power connectivity for integration with the FDOT District 4 Transportation Management Center (TMC).		
d.	Resurfacing, Restoration and Rehabilitation of SR-5/US-1 from NE 17th way to NE 33rd CT, FDOT District 4	2021-2023	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Engineer of Record. The scope included milling and resurfacing the existing pavement and regrading the curb return to avoid ponding at NE corner of NE 19th St. Upgraded existing pedestrian curb ramps, installed detectable warning surfaces at substandard sidewalk extensions and where sidewalk crosses commercial driveways with stop signs or traffic signals to meet ADA standards. Upgraded pedestrian signal heads to countdown type and install new pedestrian signals, pedestals, and push buttons at all signalized intersections. Implemented LED lighting retrofits and installed new light poles as needed at all intersections and signal locations. Replaced pull boxes (traffic signal and lighting) impacted by the reconstruction of sidewalk at pedestrian ramps.		



E. Resumes of Key Personnel Proposed for this Contract
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
MarQuellus Bennett, MBA, P.E.	Engineer II - Drainage Lead	a. Total	b. With Current Firm
		14	10
15. FIRM NAME AND LOCATION (City and State) CTS Engineering, Inc. - Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) BSCE, MBA		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida P.E. # 77954, 2014; Georgia P.E. # 048005, 2021	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Advanced MOT Certification, FDEP Stormwater Erosion and Sedimentation Control Inspector Training, FDOT Supervisor Academy, Certificate in Supervisory Management, AGi32 Certification, ICPR Training, HEC-RAS Training, OpenRoads 3D Modeling Roadway/Drainage Design Training.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
a.	SR-817 (University Drive) RRR & Sidewalk Widening, FDOT District 4 Drainage Engineer Of Record	2022-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	This project included the redesign of drainage swales, hydrologic analysis, hydraulic analysis, and Environmental Permitting. Utilized 3D Modeling software to develop and analyze the terrain model of the proposed RRR design and sidewalk widening. In addition, analyzed and designed modifications to drainage system, developed drainage maps, drainage report, storm sewer system models, and completed environmental permitting with CBWCD.		
b.	Broadview Park Drainage Infrastructure Improvement Study and Master Plan, Broward County - Engineer of Record	2023-2024	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	This project included the evaluation and analysis of the future of drainage improvements within Broadview Park, a 577-acre Broward County Municipal Service District, to develop alternatives for stormwater management systems that prioritize green infrastructure improvements. This project included full hydrologic analysis and modeling of the existing storm sewer system, modeling of the future conditions no-build scenario, and modeling of 4 future conditions scenarios incorporating a combination of different proposed drainage improvements. Project included the modeling and analysis of Constructed Wetlands, Bioretention Ponds, Drainage Injection Wells, Subsurface Storm Chambers, Berm/Walls, and Conceptual Pump Stations. Additionally provided study report, developed drainage maps, and recommendations.		
c.	SR-729 RRR & Shoulder Widening Project, FDOT District 4 Lead Design Engineer and Drainage Engineer of Record	2021-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Project involved milling and resurfacing and shoulder widening along SR-729 in Palm Beach County. This project also included the design of drainage ditches, hydrologic analysis, and Environmental Permitting. Utilized 3D Modeling software to analyze and develop a model of the proposed RRR design and shoulder widening. In addition, analyzed and designed modifications to drainage system, developed drainage maps, drainage report, storm sewer system models, and permitted with EBWCD.		
d.	SR-5 (US-1) RRR & Sidewalks Project, FDOT District 4 Drainage Engineer Of Record	2020-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Project involved milling and resurfacing and the addition of missing sidewalk gaps along SR-5 in Indian River County. This project included the redesign of drainage swales, hydrologic analysis, hydraulic analysis, and Environmental Permitting. Utilized 3D Modeling software to analyze and design modifications to drainage system, developed drainage maps, drainage structure sheets, drainage report, storm sewer system models, and coordinated environmental permitting with SJWMD.		
e.	SR-25 (US-27) Shoulder Widening and Auxiliary Lane, FDOT District 4 Drainage Engineer Of Record	2018-2024	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Project involved the addition of inside/outside shoulder, the addition/extension of auxiliary lanes and the redesign 30 median drainage ditches for 13 miles south of the Broward/Palm Beach County Line in Broward County, FL. This project included the design of drainage median ditches, hydrologic analysis, hydraulic analysis, and Environmental Permitting. Served as the Drainage Engineer of Record. Analyzed and designed drainage system, drainage maps, drainage structure sheets, drainage report, storm sewer system model, water quality calculations, and environmental permitting with SFWMD.		



E. Resumes of Key Personnel Proposed for this Contract
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Lis R. Tolstoy, PSM	Project Manager - Survey	a. Total	b. With Current Firm
		30	4
15. FIRM NAME AND LOCATION (City and State) CTS Engineering, Inc. - Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) BS, Land Surveying Engineering UDELAR University, Uruguay		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Surveyor & Mapper, Florida PSM #6759, 2009	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
a.	Continuing Services for Surveying, Mapping and SUE, FDOT District 4.	2018-2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	Project Manager. The services provided included LIDAR, field surveys, historical baseline and existing right-of-way determination, GPS Surveys, topographic surveys and DTM, general land and aerial photography survey support, monumentation surveys, bathymetric surveys, utility designation and excavation including GIS files, tree surveys, maintenance of traffic, right-of-way control survey maps, right-of-way maps, maintenance maps, right-of-way monumentation maps, boundary surveys, quality assurance reviews, title search plotting maps, sketches, parcel staking, and legal descriptions.		
b.	DW Construction Engineering Inspection Consultant Surveys, FDOT District 6.	2017-2020	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	Senior Project Surveyor. The purpose of this multi-task CEI contract was to provide services to verify both existing pre-construction and post-construction conditions, to ensure design criteria was met by the contractors. As a Prime consultant, F.R. Aleman provided survey and mapping support to the District. This task work order contract involved field surveys for construction projects, including re-establishment of survey baselines, control points, benchmarks, drainage surveys and bridge data, original and final cross-sections, and mast arm bearings, among other scopes.		
c.	Mobility Improvements at Dykes Road; 196th Avenue & NW 10th Street, FDOT District 4.	2019-2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	Senior Surveyor. The project consisted of 6 miles of milling, resurfacing, and restriping two existing 12-feet lanes and 4-feet paved shoulder to provide two 11-feet lanes and a 4-feet bike lane (with 2-feet buffer) in both directions along an off-system road. The project also consisted of providing appropriate signing according to MUTCD. Services provided were Horizontal & Vertical control, XYZ for 140 aerial targets, 3D Topographic and DTM along obscure areas, cross sections check, collect drainage structures, RW and Baseline analysis, 45 VVHs including the verified utility table.		
d.	Design Services for SR 15 from S of Morgan Road to S of Shirley Drive Project, FDOT District 4.	2017-2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	Right-of-Way Specialist/ Survey Leader. Ms. Tolstoy served as the Right-of-Way Specialist and Survey Leader for this complete design survey that combined ground survey with aerial photography. Survey included recovering the historical baseline and determining the right-of-way lines along the entire corridor. 35 Vacuum Excavation Test Holes (VVHs) were performed to confirm the Horizontal and Vertical Locations of underground utilities in conflict with proposed improvements in Pahokee, Palm Beach County		
d.	Broward Mobility Project, Miramar/Hollywood, FDOT District 4.	2017-2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	Right-of-Way Specialist and Survey Leader. Ms. Tolstoy served as the Right-of-Way Specialist and Survey Leader for this 6-mile design project providing ground survey support, including obtaining right-of-way lines for two corridors. The scope included establishing horizontal and vertical control, re-establishing the historical baseline of survey, preparing PNC sheets, providing ground survey for the topographic/DTM survey, and providing underground utility survey.		



E. Resumes of Key Personnel Proposed for this Contract
(Complete one Section E for each key person.)

12. NAME Dennis Stanton	13. ROLE IN THIS CONTRACT SUE Services Manager	14. YEARS EXPERIENCE	
		a. Total 37	b. With Current Firm 4
15. FIRM NAME AND LOCATION (City and State) CTS Engineering, Inc. - Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) BA, Liberal Arts, Old Westbury		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Florida Intermediate Training - ATSSA, Red Vector's Understanding Subsurface Utility Engineering, Work Zone Traffic Control Intermediate Level, Confined Space Entry Training Program

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
a.	Continuing Services for Surveying, Mapping and SUE; FDOT District 4		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	SUE Manager. Provided as-needed surveying, mapping, and SUE support to the FDOT District 4 on this 5-year, \$5 million districtwide contract. Services provided included static and mobile LiDAR, historical baseline and existing R/W determination, GPS surveys, topographic surveys and DTM, general land and aerial photography survey, monumentation surveys, bathymetric surveys, utility designation and excavation including GIS files, tree surveys, R/W control survey maps, R/W maps, maintenance maps, R/W monumentation maps, boundary surveys and quality assurance reviews.		
b.	Districtwide Utility Location Services; FDOT District 6		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	Project Manager. Provided all the necessary management services to designate, locate by excavating, survey, and map the existing surface and subsurface utilities to support the design of construction plans on projects selected by the Department. SUE provides exact horizontal and vertical locations of the existing underground utilities by way of electromagnetic and other geophysical location techniques including vacuum excavation. The client benefits by receiving SUE data which enables them to identify, address and remedy potential utility conflicts during the project's design phase. The project length is 1,500 miles.		
c.	Districtwide Utility Location Services & Districtwide Underground Utility Services Contract; FDOT District 4		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	Project Manager. Provided all the necessary services to designate, locate by excavation, survey, and map existing surface and subsurface utilities to support the design of construction plans on projects selected by the Department. Exact horizontal and vertical locations of existing underground utilities were provided by way of electromagnetic, sonic, and other geophysical location techniques including vacuum excavation.		
d.	I-595 Corridor Roadway Improvements, Design-Build; FDOT District 4		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	SUE Project Manager. This project was the winner of the People's Choice Award in the 2015 America's Transportation Awards competition. This \$1.2 billion project relieved traffic congestion and created a multimodal transportation network along I-595 in South Florida. The area of this project extended from the I-75/Sawgrass Expressway interchange to the I-595/I-95 interchange in central Broward County, for a total project length of 10.5 miles. The project consisted of the reconstruction, addition of auxiliary lanes and resurfacing of the I-595 mainline (including associated improvements to frontage roads and ramps), and a new reversible express lanes system in the I-595 median.		
e.	Districtwide Survey & Mapping Services Support; FDOT District 4		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if performed with current firm.	
	Mr. Stanton served as the SUE Task Leader, and responsibilities included preparing the initial estimate, coordinating with utility owners, scheduling the field crew, leading the CADD portion of the scope and performing the initial QC of the designation and location part of the scope. Under this contract, Mr. Stanton provided miscellaneous surveying services throughout District 4. The underground component was significant, with more than 20 of the total 70 task work orders involving some type of underground utility investigation.		



E. Resumes of Key Personnel Proposed for this Contract (Complete one Section E for each key person.)

12. NAME Phani Allu, P.E., PTOE, RSP2I	13. ROLE IN THIS CONTRACT Project Manager - Traffic Engineering	14. YEARS EXPERIENCE	
		a. Total 23	b. With Current Firm 11
15. FIRM NAME AND LOCATION (City and State) CTS Engineering, Inc. - Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) M.S. in Civil Engineering, University of Connecticut, 2001 B. Tech, Civil Engineering, Indian Institute of Technology, 1999		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida P.E. # 68069, 2008 PTOE ; RSP2I	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
a.	Districtwide Traffic Operations Safety Reviews and Studies, FDOT District 4 Project Manager and Lead Traffic Engineer	2015-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Responsible for traffic operational/safety studies and safety reviews that include crash analyses, intersection/corridor operational analyses, and field reviews to identify site-specific issues related to high crash study locations. Developed reports with recommendations to reduce the crash potential at the study locations. Some examples of completed assignments include safety study/lighting analysis for SR 25/US 27, I-95 in Palm Beach, Hallandale Beach Blvd, Forest Hill Blvd; 3R safety reviews for I-95, Broward Blvd, Sample Rd, and SR 5; safety studies on Sunrise Blvd, Griffin Rd, and Powerline Rd, pedestrian mid-block evaluation and safety assessment on Indiantown Road; road safety audit for Merrill Barber Bridge; pedestrian studies along Pembroke Rd, Oakland Park Blvd, and Lake Worth Rd.		
b.	Traffic Operations and Safety Studies, Miami-Dade County DTPW Project Manager	2023-2028	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Provide support to the Traffic Engineering Division traffic operations and safety studies in performing various traffic operations, safety and calming studies to provide solutions to traffic engineering problems on a day-to-day basis. These include roadway capacity analysis, traffic signal and all-way stop control warrants, speed, travel time and delay, gap, parking, accidents and other traffic operational studies. Conducts traffic safety and crash analysis studies. Conducts site reviews and evaluates roadway segments and intersections, collects traffic data, and provides viable solutions to traffic concerns.		
c.	Broward County Intersection Improvements Prioritization Study Project Manager	2022-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	CTS is assisting Broward County in identifying and prioritizing the top 100 intersection locations based on their needs. The next stage of assessment will study these top locations using detailed crash analysis, operational analyses, field reviews, and conduct engineering feasibility assessment to develop improvement concepts and cost estimates. The identified improvements will be programmed as projects for implementation utilizing the Broward County Surtax Funding.		
d.	Districtwide Traffic Operations Safety Studies, FDOT District 6 Project Manager and Lead Traffic Engineer	2017-2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Responsible for traffic operational/safety studies and safety reviews that included crash analyses, intersection/corridor operational analyses, and field reviews to identify site-specific issues related to high crash study locations. Developed reports with recommendations to reduce the crash potential at the study locations. Studies included Key West Crosswalks Evaluation, Alton Rd between NW 44 St and NW 47 St; ped studies on SR 9 and SR 944; CO identified ped priority corridor studies along NW 27 Ave and NW 103 St.		
e.	Districtwide Signal Retiming, FDOT District 6 Project Manager	2018-2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Signal retiming studies on several corridors involving 60 traffic signals in Miami-Dade County. The tasks involved evaluating existing signal timing and proposing signal timing adjustments aimed at improving travel times and reducing delays. The corridors included SR 934 from NE 7th Ave to Abbott Ave, SR 922 from Broadview Blvd to Collins Ave, SR 925 from NW 8th St to NW 1st St, SR 112 from Alton Rd to Collins Ave, and SR 25 from SR 997 to SR 932.		



E. Resumes of Key Personnel Proposed for this Contract
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Sheng Yang, P.E., PTOE	Principal-In-Charge	a. Total	b. With Current Firm
		23	15
15. FIRM NAME AND LOCATION (City and State)			
CTS Engineering, Inc. - Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
MSCE; BSCE		Florida P.E. # 64802, 2006; PTOE	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Transit and Multimodal Development Continuing Services; FDOT District 4 Principal-In-Charge / Project Manager	Professional Services	Construction (If Applicable)
		2016-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
Performed transit, rail, freight, and multimodal system program administration and engineering support. Perform Districtwide grants (FTA, FRA, FHWA, and state) administration and application process for multimodal system. Performed safety and security review and vehicle inventory review for transit and rail system. Led the planning and engineering support for FEC/CSX Rail Crossing Delay Study, Hialeah Rail Yard Master Plan Scoping, Park & Ride Facility Planning, Engineering, and Design, High Crash Rail Crossing Safety Study and Design, Crossing Trespassing Design, Conceptual Design for Multimodal Development, Sample Road Multimodal Improvement Study, University Drive Alternative Analysis, and SR-7 South Transit Improvement Study.			
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	SIS Program and Concept Development Support Principal-In-Charge / Project Manager	Professional Services	Construction (If Applicable)
		2010-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
Provided comprehensive planning and engineering services for FDOT District 4 Strategic Intermodal System (SIS). Lead the tasks of performing SIS facility LOS evaluation, developing SIS corridor action plan/master plan, Interchange access documents development and reviews (IJR/IMR/IOAR), SIS Cost Feasible Plan Development, LRTP development, DRI and Sub-DRI reviews, Comp Plan Review and growth management documentation reviews, ITS and other technology review for SIS operation improvements, SIS management database and program development, and concurrency and development plan reviews. Assist the Department in preparing and participating at public meetings, coordination with local governments.			
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Oakland Park Boulevard Alternative Analysis, FDOT District 4 Principal-In-Charge / Project Manager for Traffic Analysis	Professional Services	Construction (If Applicable)
		2012-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
Provide planning and traffic analysis services for an Alternatives Analysis (AA) to investigate and evaluate premium transit improvements in the Oakland Park Boulevard corridor. Mr. Yang led the Team traffic data collection and analysis effort to identify a Locally Preferred Alternative (LPA) for the study corridor. He performed data collection for both traffic and transit along the corridor, studied traffic patterns and market using advanced Dynamic Traffic Assignment (DTA) tool, and conducted micro-simulation analysis for all 45 signalized intersections along the corridor using VISSIM tool.			
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Districtwide General Planning Consultant, FDOT District 4 Principal-In-Charge / Project Manager	Professional Services	Construction (If Applicable)
		2010-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
Provided planning and engineering services to supplement the Department's System Planning, Statistics and PD&E Staff. Assisted the Department in producing Design Traffic Report for PD&E studies, 18-Kip Reports, comprehensive GIS support, FSUTMS Model (SERPM and GTCRPM) Development and Application Support, Interchange access proposals and reviews (IJR/IMR/IOAR), Q/LOS Support, Traffic Analyses Review, Socioeconomic Data Development, Interchange Operation/Modification/Justification study and reviews, LRTP development, DRI and Sub-DRI reviews, growth management documentation reviews, and on-site Support.			



E. Resumes of Key Personnel Proposed for this Contract
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Yongqiang Wu, P.E.	Senior Engineer I	a. Total	b. With Current Firm
		24	7
15. FIRM NAME AND LOCATION (City and State) CTS Engineering, Inc. - Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) MSCE; BSCE		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida P.E. # 64707, 2006	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
a.	Mobility Trends, Performance, Data and Analysis Consultant Services, FDOT Central Office	2021-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Task Manager responsible for providing support to the Forecasting and Trends Office (FTO) in making demographic and travel pattern analyses and reporting the results needed to support the FDOT's work products and plans. Tasks also include evaluating the impacts of demographics on the state's transportation system, identifying future demographic data analysis needs, and transforming the data to simplify and automate analysis processes.		
b.	General Planning Consultant Services for Systems Management Division, FDOT Central Office.	2022-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Task Manager responsible for supporting the Department's SIO Systems Management section in the update of the 2019 FDOT Project Traffic Forecasting Handbook (PTFH), updating of the traffic analysis tools, along with developing a quick reference process to ensure consistent usage of the traffic forecasting tools to support district and consultant staff.		
c.	Mobility Performance and Data Support Consultant, FDOT Forecasting and Trends Office.	2016-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Task Manager responsible for conducting population and employment projections at city, county, and state level; analyzing worker commuting pattern between counties and urbanized areas; supporting statewide multimodal corridor planning studies; developing visualization tools to support travel demand analysis; and performing gap analysis for statewide trail network.		
d.	Districtwide Demand Forecast Model Data Development, FDOT District 4.	2010-2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Project Manager responsible for a wide range of tasks involving data analysis, travel characteristics survey, model development and application support. Responsibilities included analysis of census and demographic data such as American Community Survey and Longitudinal Employee-Household Dynamics data (LEHD), local and national travel characteristics survey data, technical assistance to SERPM and GTCRPM model users.		
e.	PortMiami Tunnel Freight Mobility Evaluation Study, FDOT District 6.	2017-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Project Manager responsible for the development of modeling tool to monitor the operation of freight and passenger movement in and around PortMiami via the PortMiami Tunnel. Tasks involve stakeholders coordination, data collection and analysis, GIS mapping and visualization, macro- and micro-simulation model development, and economic and environmental analysis.		



E. Resumes of Key Personnel Proposed for this Contract
(Complete one Section E for each key person.)

12. NAME Hui Zhao, P.E.	13. ROLE IN THIS CONTRACT Senior Engineer I	14. YEARS EXPERIENCE	
		a. Total 17	b. With Current Firm 11
15. FIRM NAME AND LOCATION (City and State) CTS Engineering, Inc. - Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) M.S. in Civil Engineering, Florida International University, 2007		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida P.E. # 73916, 2012	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Countywide Intersection Improvements Prioritization Study, Broward County	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2022-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Lead Traffic Engineer responsible for development of longlist and shortlist out of 1,461 signalized intersections to be included in the County's implementation plan. Developed the methodology to evaluate and prioritize all intersections using readily available safety, mobility, multimodal and socioeconomic data.		
b.	(1) TITLE AND LOCATION (City and State) Districtwide Traffic Operations Signal Retiming Support, FDOT District 4	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2019-2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Task Manager responsible for development and implementation of the new signal timing plans that enhance mobility on arterial roadways. Led the development of a thorough and repeatable methodology to identify and prioritize corridors for updated signal timing and prioritization matrix template including definitions, scoring and formulas, data collection and process for the prioritization matrix.		
c.	(1) TITLE AND LOCATION (City and State) Central Broward Transit Study, FDOT District 4	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2020-2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Task Manager responsible for traffic forecasting task. Developed the traffic projections for potential extensions of the future WAVE streetcar in downtown Fort Lauderdale to the intersection of Broward Blvd/SR 7. Included AADT projections by alternative using SERPM 8 and future peak hour turning movements utilizing TMTTool for 20 signalized intersections along Broward Blvd. between Broward Transit Terminal and SR 7.		
d.	(1) TITLE AND LOCATION (City and State) South Florida Commuter PNR Model Development, FDOT District 4	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2019-2020	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Task Manager for developing a transit specific commuter park-n-ride (PNR) model for FDOT District 4 and analyzing potential express bus short-term service plans which covers six counties in South Florida. Managed technical support and developed models in CUBE and ArcMap to merge networks, skim files, trip tables, transit line files, and TAZ shapefiles from SERPM8 and TCRPM5. Calibrated the model using the latest I-95 Express Bus on-board surveys and validated/tested with the newly proposed Express Bus routes. Prepared the User's Guide and Model Calibration and Validation Report.		
e.	(1) TITLE AND LOCATION (City and State) Districtwide Traffic Forecasting and Analysis Support, FDOT District 4	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
		2016-2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Project Manager responsible for professional planning and engineering services of traffic forecast and analysis to support the FDOT's projects of Planning, PD&E, Design, IAR, and Concept Development. Supervised traffic data collection, traffic forecast and capacity analysis, IAR development, conceptual design preparation, feasibility studies, and documentation reviews. Prepared/reviewed data collection and traffic forecasting/analysis as pre-work for PD&E studies and design projects. Prepared scope of services and negotiated fee estimate for job cost accounted work orders, coordinated with Design project managers for funding, schedule and deliverables, produced and reviewed project traffic and deliverables.		



E. Resumes of Key Personnel Proposed for this Contract
(Complete one Section E for each key person.)

12. NAME Suresh Allu, P.E.	13. ROLE IN THIS CONTRACT Engineer II	14. YEARS EXPERIENCE	
		a. Total 16	b. With Current Firm 12
15. FIRM NAME AND LOCATION (City and State) CTS Engineering, Inc. - Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) M. Sc. in Civil Engineering, Florida International University, Miami, FL, 2003 B. Tech in Civil Engineering, Jawaharlal Nehru Technological University, 2001		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida P.E. # 85951, 2018	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (If Applicable)
a.	Districtwide Traffic Operations and Safety Studies, FDOT District 6.	2017-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Included crash analyses, intersection/corridor operational analyses, and field reviews to identify site-specific issues related to high crash study locations. Assisted the FDOT on network screening using the Highway Safety Manual methodology for identification of top locations for each emphasis area in the Florida Strategic Highway Safety Plan. Conducted preliminary safety studies for several intersections identified under the Safe Strides 2 Zero program. Conducted pedestrian/bicycle assessment along pedestrian/bicycle priority corridors.		
b.	Districtwide Traffic Operations Safety Review, FDOT District 4.		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Conducted several traffic operations, safety studies, and 3R safety reviews. Review of 200 crash reviews and responsible for crash analysis, intersection/corridor operational analysis, field reviews, developing reports with recommendations to reduce the crash potential at study locations. Some of the studies include qualitative assessment at SR 80 and Hatton Highway, safety study along SR 858 from SR 7 to SW 44 Avenue, 3R safety review along SR 704 from Tamarind Ave to Lakeview Ave.		
c.	Districtwide SIS Program Support, FDOT District 4.	2006-2009	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Project Engineer. Districtwide contract for Strategic Intermodal System (SIS) connector studies that included multi-modal level of service analysis, safety analysis, and preparation of engineering reports. Conducted field reviews, crash data reviews, and LOS analyses using LOSPLAN and Synchro along SIS connectors and drafting reports for 23 SIS connectors located within Broward and Palm Beach Counties. Other tasks included preparing LOS maps, truck volume maps, FEC park-n-ride facilities and Amtrak station (potential locations) maps for all counties in District 4. Also, developed the SIS brochure for District 4 using ArcGIS.		
d.	Districtwide GIS General Consultant, FDOT District 4.	2007-2010	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Project Engineer. Assisted in development of the Roadway Atlas using ArcGIS for all counties in District 4 for years 2007 through 2010. The compilation of Atlas included preparation of individual maps for each of the assigned series (LOS, SERPM/GTCRPM, SIS, and SHS) for all counties in District 4. The maps were published in Adobe Acrobat (PDF) format and Arc Publisher (PMF) format. The GIS data was also converted to Keyhole Markup Language (KML) files for graphically displaying the spatial data in the Google Earth application.		
e.	Districtwide General Planning & Environmental Support, FDOT District 4.	2008-2012	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if performed with current firm.	
	Project Engineer. Responsible for creating maps for the US 27 Rail Corridor Feasibility Study using ArcGIS which included the existing rail alignment, 1920's planned FEC rail alignment and the proposed initial rail alternatives. Other tasks included review of traffic forecasts and LOS analyses for Kings Highway PD&E Study, traffic forecasts for Interchange Operational Analysis Report for I-95 at Lantana Road, and development of KML files to display the LOS and 2035 Cost Feasible Plans for District 4 Counties in the Google Earth application.		


F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (City and State)

Professional Engineering Services
Oakland Park, FL

22. YEAR COMPLETED
PROFESSIONAL SERVICES

2020

CONSTRUCTION (If applicable)

N/A

23. PROJECT OWNER'S INFORMATION
A. PROJECT OWNER

City of Oakland Park

B. POINT OF CONTACT NAME

Sierra Marrero
Director of Engineering and
Community Development

C. POINT OF CONTACT TELEPHONE NUMBER
Phone: 954.630.4479

E-mail: sierra.marrero@oaklandparkfl.gov

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


The Corradino Group provides Traffic and Transportation Engineering Services to Oakland Park as part of the Continuing Professional Consultant Services Contract. Provided a variety of traffic and transportation engineering services including intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with Broward County Traffic Engineering Division, FDOT District IV and other key stakeholder government agencies. Provided traffic and plan reviews as part of the Development Review Committee. Prepared grant submittals for City projects for inclusion in the Complete Streets and Other Localized Initiatives Program (CSLIP), the Broward Mobility Advancement Program (MAP) and the Broward MPO MTP Route to 2050. The following task work orders have been completed thus far by the Consultant under this Contract:

- Andrews Avenue Complete Streets Corridor Study
- OP3D Design Services
- NE 11th Street One Way Traffic Analysis/Corridor Study
- NE 6th Avenue Traffic Analysis/Corridor Study
- Broward Surtax Resurfacing Program Design Services
- Broward MAP Surtax Support Services
- Broward MPO CSLIP/MTP Support Services
- DRC Traffic Study Review Services including the following development projects:
 - Oakland Park Square
 - Central Park
 - Ram Development
 - BBX Oakland Logistics
 - Urban League of Broward
 - Cypress Crossing

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. The Corradino Group, Inc.	Miami, FL	Prime



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 2
21. TITLE AND LOCATION (City and State) Traffic and Transportation Engineering Services Cooper City, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Cooper City	B. POINT OF CONTACT NAME Carlos Vega Community Development Director	C. POINT OF CONTACT TELEPHONE NUMBER Phone: 954.434.2300 Ext. 294 E-mail: cvega@coopercity.gov
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

**CITY OF COOPER CITY
TRAFFIC AND TRANSPORTATION ENGINEERING SERVICES**

Corradino provides Traffic and Transportation Engineering Services to Cooper City as part of the Continuing Engineering Consultant Services Contract. Provided a variety of traffic and transportation engineering services including intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with Broward County Traffic Engineering Division, FDOT D4 and other key stakeholder government agencies. Provided traffic and plan reviews as part of the Development Review Committee. Prepared grant submittals for City projects for inclusion in the Complete Streets and Other Localized Initiatives Program (CSLIP) and the Broward Mobility Advancement Program (MAP). The following task work orders have been completed thus far by the Consultant under this Contract:

- Citywide Traffic Calming Study
- SW 90th Avenue Safety and Mobility Improvements (CSLIP)
- Hiatus Road and NE Lake Blvd Roundabout Improvements (MAP)
- Broward County Surtax Support Services
- SW 49th Street Culvert Rehabilitation Technical Peer Review and Hydraulic Analysis
- DRC Traffic Study Review Services including the following development projects:
 - Chabad of SW Broward
 - Brightstar Credit Union
 - First Baptist Church School Expansion
 - Kingfisher Reserve
 - Lock-up Storage
 - USPS site Townhomes
 - Nur Islam Expansion

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	The Corradino Group, Inc.	Miami, FL	Prime



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 3
21. TITLE AND LOCATION (City and State) General Engineering Services and Roadway Improvement Program Hialeah, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
23. PROJECT OWNER'S INFORMATION		
A. PROJECT OWNER City of Hialeah	B. POINT OF CONTACT NAME Jose Sanchez Streets Director	C. POINT OF CONTACT TELEPHONE NUMBER Phone: 305.687.2611 E-mail: josesanchez@hialeahfl.gov

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

**CITY OF HIALEAH
 GENERAL ENGINEERING SERVICES AND ROADWAY
 IMPROVEMENT PROGRAM**


Corradino provided roadway design services to the City of Hialeah for the reconstruction and streetscape of several roadways. The scope included complete reconstruction of the corridor, including travel lanes, parking lanes, drainage improvements, signage and pavement markings, lighting, and landscape enhancements.

Drainage reconstruction generally consisted of installation of exfiltration trenches to meet DERM's water quality and flood protection criteria. All projects were permitted with the Department of Environmental Resource Management.

A few selected projects illustrating our experience of similar scope with the City of Hialeah include:

- West 18th Avenue from West 60th Street to West 65th Street
- East 6th Avenue from East 37th Street to East 41st Street
- East 6th Avenue from East 32nd Street to East 37th Street
- East 29th Street, East 30th Street and East 31st Street, from East 6th Avenue to East 8th Avenue
- East 43rd Street and East 42nd Street from East 5th Avenue to East 7th Avenue
- West 14th Lane from West 60th Street to West 68th Street
- West 23rd Street: West 12th Avenue to West 8th Avenue
- East 10th Avenue: East 25th Street to East 41st Street
- West 41st Street: West 4th Avenue to Palm Avenue
- East 41st Street: East 4th Avenue to East 8th Avenue
- East 32nd Street: East 4th Avenue to East 8th Avenue
- West 30th Street from West 12th Avenue to West 8th Avenue

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	The Corradino Group, Inc.	Miami, FL	Prime

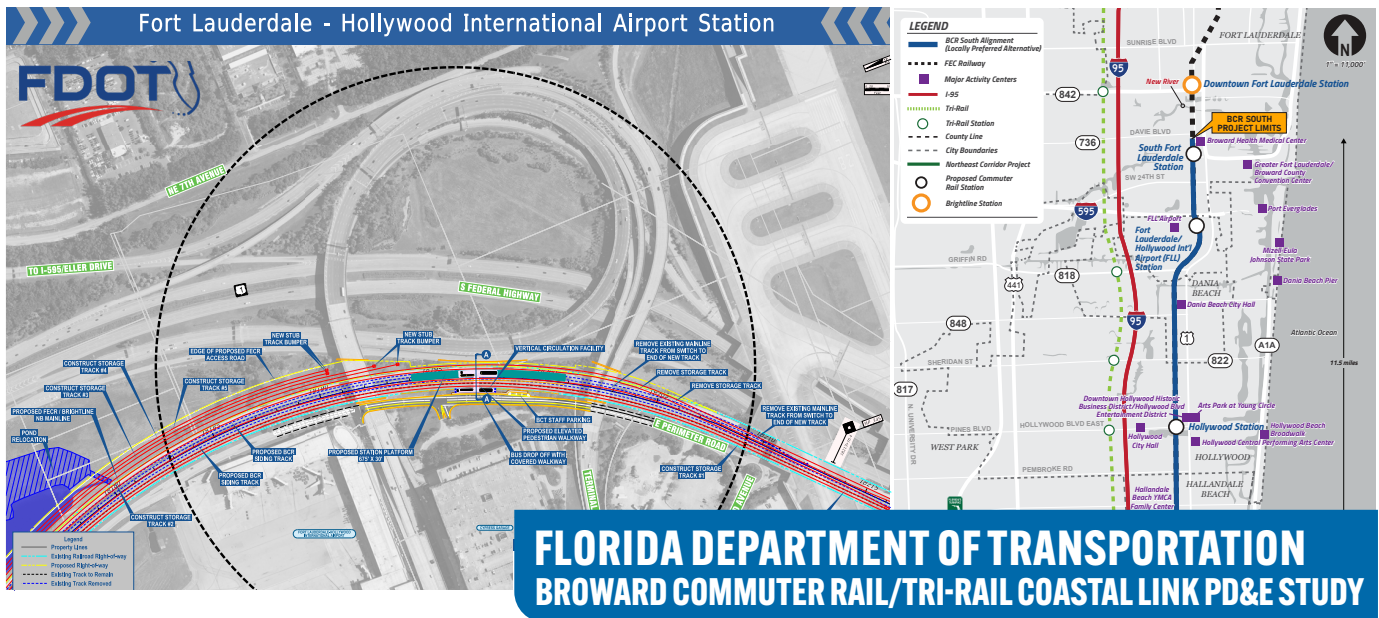


F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4		
21. TITLE AND LOCATION (City and State) Broward Commuter Rail / Tri-Rail Coastal Link PD&E Study Broward County, FL	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2023</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) N/A			

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER Florida Department of Transportation	B. POINT OF CONTACT NAME Phil Schwab, PE Project Manager	C. POINT OF CONTACT TELEPHONE NUMBER Phone: 954.777.4090 E-mail: phil.schwab@dot.state.fl.us
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)



FDOT D4 and Broward County have entered a Memorandum of Understanding to continue efforts to improve mobility in the southeast Florida region. The objective of the Broward Commuter Rail (BCR) PD&E Study is to develop and analyze alternatives that integrate passenger and freight service along the Florida East Coast (FEC) Railway. The purpose of the study is to address congestion issues and to support economic as well as land development policies in the eastern area of Broward County by improving mobility. The BCR is a 27-mile segment from Aventura in north Miami-Dade County to Deerfield Beach in northern Broward County. This commuter rail service will include the necessary rail, signaling, safety and communications improvements, and passenger amenities. Up to nine potential stations will be studied and evaluated within the study limits. The BCR PD&E Study will include a new rail crossing at the New River for passenger service through Downtown Fort Lauderdale. The existing railroad bridge will remain in place for exclusive use by freight rail.

A traffic methodology memorandum was approved which identified

the parameters, tools, assumptions, approach, and primary areas of focus for preparing the traffic analysis. It defined the level and method for analyses required to prepare and execute the traffic operational analysis. The traffic operational analysis was conducted at two types of locations throughout the study limits: At-grade railroad crossings and station areas.

The traffic operational analysis was performed for the existing, opening and design years to compare the results and document any potential cross-street impacts with the proposed train traffic demand and stations used in this project. This analysis determined if any significant queues and/or delays from additional gate closures and new station parking lots will impact the east/west and north/south arterial corridor operations. The project included traffic data collection, travel demand forecasting, microsimulation traffic modeling using Synchro and Vissim and traffic operational calibration. The traffic analysis was summarized with key performance indicators established for arterial

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. The Corradino Group, Inc.	Miami, FL	Prime



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 5
21. TITLE AND LOCATION (City and State) Traffic Engineering Services Cutler Bay, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
23. PROJECT OWNER'S INFORMATION		
A. PROJECT OWNER Town of Cutler Bay	B. POINT OF CONTACT NAME Rafael G. Casals, ICMA-CM, CFM Town Manager	C. POINT OF CONTACT TELEPHONE NUMBER Phone: 786.573.5518 E-mail: RCasals@cutlerbay-fl.gov

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

**TOWN OF CUTLER BAY
TRAFFIC ENGINEERING SERVICES**

Traffic Consultant on the Continuing Services Contract serving as Engineer of Record for traffic engineering task work orders. Provided a variety of traffic and transportation engineering services including in house support, DRC traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with the Miami Dade County Department of Transportation and Public Works, Florida Department of Transportation District VI (FDOT D6) and other key stakeholder government agencies. Corradino also completed the updates to the Transportation Element of the Growth Management Plan, the Transportation Master Plan and the Complete Streets Corridor Analysis. Corradino assisted the Town in modifying their

Land Development Code to create new criteria for the completion of Development Traffic Studies by the Town's General Engineering Consultants. The Corradino has completed traffic impact studies for the Town for the following development projects:

- Cutler Gate
- Century at Cutler Bay
- ARQ 211
- Saga Bay
- Cutler Bay Emergency Room
- Caribbean Breeze
- Raising Canes
- The Contemporary at Cutler Bay
- Alorica Mixed Use
- Southland Mall Redevelopment

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	The Corradino Group, Inc.	Miami, FL	Prime

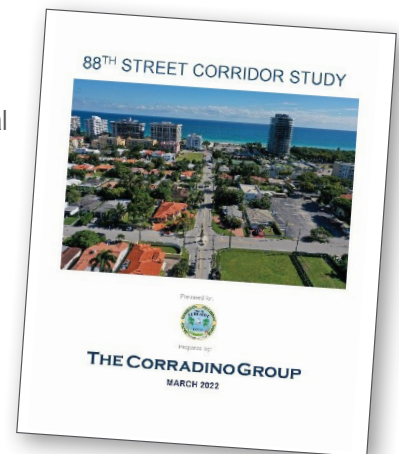


F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION (City and State) General Traffic & Transportation Engineering Services Surfside, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
23. PROJECT OWNER'S INFORMATION		
A. PROJECT OWNER Town of Surfside	B. POINT OF CONTACT NAME Randy Stokes Public Works Director	C. POINT OF CONTACT TELEPHONE NUMBER Phone: 786.778.1728 E-mail: rstokes@townofsurfsidefl.gov

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


Consultant on the Continuing Services Contract serving as Engineer of Record for traffic and transportation engineering task work orders. Provided a variety of traffic and transportation engineering services including DRC traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the Town with the Miami Dade County Department of Transportation and Public Works, FDOT D6 and other key stakeholder government agencies. The consultant completed a variety of traffic and transportation engineering and transportation planning services including the following task work order assignments:

- Townwide Traffic Study
- SR A1A Collins Avenue Traffic Signal Warrant Analysis
- One-Way Pilot Program
- Speed/Volume Traffic Study
- 88th Street Corridor Study
- Surfside Tennis Center Improvements


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	The Corradino Group, Inc.	Miami, FL	Prime



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 7
21. TITLE AND LOCATION (City and State) Commercial Areas Traffic & Parking Analysis Palm Beach, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) N/A

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER Town of Palm Beach	B. POINT OF CONTACT NAME Wayne Bergman, MCP, LEED AP Director of Planning, Zoning and Building	C. POINT OF CONTACT TELEPHONE NUMBER Phone: 561.227.6426 E-mail: wbergman@townofpalmbeach.com
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)



Provided traffic engineering review services related to a review of the traffic impact of the existing restaurants in the commercial areas, evaluation of the existing parking supply in the commercial areas and a review of the origin and destination of the traffic traveling into the commercial area daily. The Consultant collected morning and afternoon peak hour turning movement counts on a typical weekday (during school) at 23 intersections within the project radius of influence. The Consultant utilized Big Data via Streetlight InSight platform to measure multimodal vehicle travel movements and patterns between zones.

Performed an Intersection capacity analysis for the subject intersections using software based on the Highway Capacity Manual (HCM) methodology. The analysis was performed for

morning and afternoon peak-hour conditions using Synchro 11 software. The analysis scenarios included the existing year (2022) and the future year (2027) with alternative commercial uses. The Consultant evaluated the travel time and delay of the intersection network using Synchro 11 software. The Intersection capacity analysis included a queueing evaluation of the bridge openings over the Lake Worth Lagoon at the Southern Boulevard Bridge, Royal Palm Way Bridge and Royal Poinciana Way Bridge. The queueing evaluation determined if there is an impact to the nearest signalized intersection to the east of each bridge crossing in the Town of Palm Beach. Coordination with Palm Beach County and FDOT occurred regarding signal timing, coordination at the Royal Palm Way Bridge and adjacent traffic signals both in the Town of Palm Beach and the City of West Palm Beach.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	The Corradino Group, Inc.	Miami, FL	Prime



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 8		
21. TITLE AND LOCATION <i>(City and State)</i> General Engineering and Planning Services North Miami Beach, FL	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION <i>(If applicable)</i> N/A</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A			

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of North Miami Beach	B. POINT OF CONTACT NAME Samuel Zamacona, EI	C. POINT OF CONTACT TELEPHONE NUMBER Phone: 305.948.2932 Ext. 2576 E-mail: Samuel.Zamacona@citynmb.com
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



CITY OF NORTH MIAMI BEACH GENERAL ENGINEERING AND PLANNING SERVICES

Corradino provides general planning and engineering services, and transportation planning as needed. Corradino staff served as in-house staff for the Community Services department and attended TRAD meetings for development review as required. Additionally, Corradino serves as a peer reviewer for traffic impact analyses. Corradino staff has served as Interim Community Development Director and in-house staff. The city also calls upon Corradino staff to assist with other studies, such as ADA reviews, and serve on study advisory committees for the city's transportation master plan and parking analyses. The recent traffic engineering and transportation planning peer review services included the following recent mixed-use developments: Riverwalk, Riverwalk South, Soleste on the Bay, Skygarden, NMB Venus, Uptown Harbor, Yeshiva Toras Chaim School Expansion.

Corradino has provided, through this contract, comprehensive plan amendments, including water supply plan policies and recommendations for further changes. We have also offered revisions for the land development code, such as for fences, on other items.

Corradino has also done the Comprehensive Operational Analysis of the City of North Miami Beach's transit system. We evaluated their transit system and introduced a plan incorporating new transit lines. The analysis included investigating connections with Sunny Isles Beach's circulator. The project reviewed the system's financial structure and projected demands for the circulator to determine funding for the system. Three new routes were recommended to expand service to underserved neighborhoods within the City. After the report's adoption, assisted with Phase 2 implementation of two of the new routes to take place in 2017. The implementation increased local ridership from 17,000 to 85,000 in the first year, to 185,000 in the second year, and to 223,000 in the third year.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	The Corradino Group, Inc.	Miami, FL	Prime



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 9
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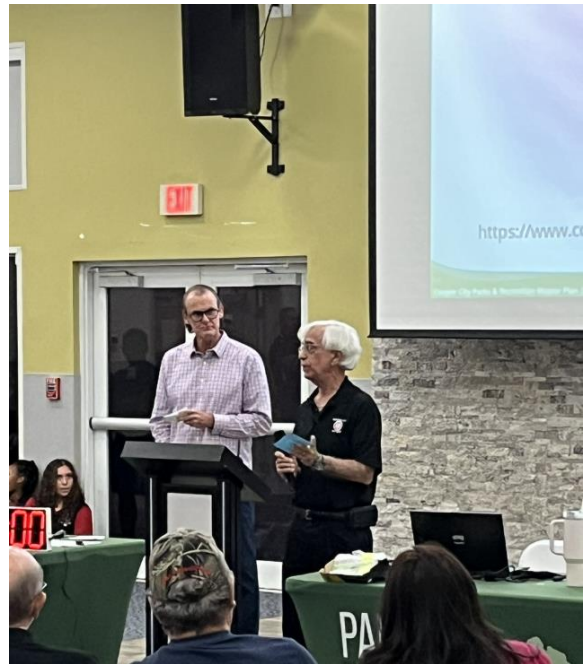
21. TITLE AND LOCATION (City and State) City of Cooper City Parks and Recreation Master Plan (PRMP) (Cooper City, FL)	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td><td>CONSTRUCTION (if Applicable)</td></tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)		

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Cooper City	b. POINT OF CONTACT NAME Stacie Weiss	c. POINT OF CONTACT TELEPHONE NUMBER 954.434.4300 ext 295

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

Miller Legg is preparing the City of Cooper City's first Parks and Recreation Master Plan. The Master Plan will aid the City to meet the current and future parks, recreation, and open space needs of the 8.34 square mile community of 35,000 residents in western Broward County. The resident-driven Plan serves as a source of applicable decision-making information. It establishes clear goals and actionable objectives to guide staff, advisory committees, and City Council in their work to maintain and enhance Cooper City's system of 21 neighborhood parks and 3 sports complexes.

The Master Plan will be based on research of existing facilities and programs, recreation opportunities, and needs analyses specific to Cooper City's demographics and slogan, reinforcing the City as "Someplace Special." To effectively gather and disseminate information during the planning phase, public outreach will be an essential focus of the project. Public workshops and public online survey will assist in determining community recreation needs and desires. All parks and facilities will be reviewed, along with future expansion opportunities to accommodate program requirements over the next 10 years.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Miller Legg	(2) FIRM LOCATION (City and State) Sunrise, FL	(3) ROLE Prime
b. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE


F. Example Projects Which Best Illustrate Proposed Team's Qualifications for this Contract
 (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NO.

10

21. TITLE AND LOCATION (City and State)

Broward County Intersection Improvements Prioritization Study

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2022-Present

CONSTRUCTION (if appl.)

23. PROJECT OWNER'S INFORMATION

a. Project Owner

Broward County

b. Point of Contact Name

Manuel Fontan, P.E.

c. Point of Contact Telephone No.

954-577-4654

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

The project involved starting with the 1,400+ signalized intersections within Broward County and narrowing them to 100 priority intersections using multiple criteria, including crash data, traffic associated metrics, multimodal information, population growth and employment. It also involved extensive coordination with the local agency partners. CTS developed a comprehensive process to assist Broward County in identifying and prioritizing the top 100 intersection locations based on their needs. The next stage of assessment will study these top locations using detailed crash analysis, operational analyses, field reviews, and conduct engineering feasibility assessment to develop improvement concepts along with cost estimates. The identified improvements will be programmed as projects for implementation utilizing the Broward County Surtax Funding.

SCOPE RELEVANCE

- Planning
- Traffic Engineering
- Concept Design
- Cost Estimates
- Scheduling
- Project Prioritization
- Crash Analysis

NOTABLE RESULTS:

CTS developed a ranked list of signalized intersections for further study to identify improvement projects. Several big data sources such as INRIX, HERE, and Replica were reviewed in addition to traditional FDOT count stations and Signal Four Analytics (for Crash Data) to identify top priority intersections. No single data source results in an anticipated list. In addition to the review of various data sources, anecdotal information from visual Google based traffic information was also utilized in ranking the signalized intersections.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) Name	(2) Firm Location (City, State)	(3) Role
a	CTS Engineering, Inc.	Fort Lauderdale, FL	Prime



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
Eric Czerniejewski, PE, ENV SP	Project Manager	X	X		X	X	X	X			X
Joseph M. Corradino, AICP	Principal-In-Charge	X				X		X	X		
Mike Ciscar, PE	QA/QC/Engineering	X	X	X	X		X				
Edward Ng, MPP, MPL, AICP	QA/QC Transportation Planning								X		
Diana White, PE, PTOE	Traffic/Transportation Engineer	X	X			X	X	X			X
Ryan Solis-Rios, PE, PTOE	Traffic Engineer				X						
Mark Alvarez	Transportation Planning							X			
Gorky Charpentier, PE, CGC	Lead Roadway Design Engineering			X	X						X
Marvin Guillen	Roadway Project Engineer			X							X
Francisco J. León, PE	Roadway Engineer		X	X	X						
Michael Wills, PE	Stormwater Project Engineer			X							
Michael Kroll, RLA, FASLA	Senior Landscape Architect									X	
Brian Shore, RLA	Senior Landscape Architect									X	
Phani Allu, P.E., PTOE, RSP2I	Traffic Engineer										X

29. EXAMPLE PROJECTS KEY

No	TITLE OF EXAMPLE PROJECT (From Section F)	No	TITLE OF EXAMPLE PROJECT (From Section F)
1	City of Oakland Park Professional Engineering Services	6	Town of Surfside General Traffic & Transportation Engineering Services
2	City of Cooper City Traffic and Transportation Engineering Services	7	Town of Palm Beach Commercial Areas Traffic & Parking Analysis
3	City of Hialeah General Engineering Services and Roadway Improvement Program	8	City of North Miami Beach General Engineering and Planning Services
4	FDOT District Four Broward Commuter Rail / Tri-Rail Coastal Link PD&E Study	9	City of Cooper City Parks and Recreation Master Plan (PRMP)
5	Town of Cutler Bay Traffic Engineering Services	10	Broward County Intersection Improvements Prioritization Study



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

THE CORRADINO GROUP AWARDS

Corradino has received numerous awards on groundbreaking efforts. The following provides a sample of our awards:

- 2023 - Doral Legacy Award
- 2022 - Excellence Award as the Number One Family-Owned Businesses of 2022, - ChamberSOUTH and the Mayor of Miami-Dade County
- 2022 - Award of Excellence - Best Plan, Report or Study for West Grove Affordable Housing Blueprint (APA FL, Florida Chapter Gold Coast)
- 2022 - Excellence Award as the Number One Family-Owned Business from Chamber SOUTH and Miami-Dade County
- 2020 - Environmental Social & Government Performance of the Year. Winner: Windsor Detroit Bridge Authority and the Gordie Howe Int. Bridge
- 2020 - Best Operational Transport Project. Winner: 1-595 Corridor Improvements Project, USA
- 2020 - Best Road Project. Finalist: I-95 Express Lanes Extension, USA
- 2019 - ACEC-FL | FDOT Outstanding Project Award, Design-Build Project I-75 Express Lanes
- 2014 - Outstanding Design Award of Excellence North Miami Downtown Concept Plan (APA Gold Coast Section)
- 2012 - INDOT's Business Practices Major Engineering Awards, I-69 Table Kitchen Meetings
- 2011 - Construction tech 2011 Vision Awards Engineering Silver Awarded to The Corradino Group
- 2009 - American Association of State Highway and Transportation Officials (AASHTO)'s People Choice Award for I-95 Express Lanes
- 2009 - Outstanding Smart Growth Project Award of Excellence for the City of Hialeah Automated Concurrency Management System (APA, Gold Coast Section)
- 2009 - Outstanding Transportation Study Award of Excellence Palmetto Bay Bicycle and Pedestrian Master Plan (APA Gold Coast Section)
- 2009 - TEAMFL Chairman's Award (most innovative and creative transportation project in the state of Florida) for I-95 Express Lanes Project
- 2006 - Florida Transportation Monthly (magazine), "Top 20 Consulting Firms in Florida". Corradino ranked 3rd in PD&E Contracts, and 1st in CEI Contracts
- 2004 - Florida's Best in Construction Bridge Project, Krome Avenue and Tamiami Trail in Miami-Dade County
- 2004 - Roy Kenzie Award Management Programs & Creative Partnerships Hialeah Concurrency Management Plan (Florida Redevelopment Association)
- 2004 - Outstanding Transportation Study First Place Village of Palmetto Bay (APA Gold Coast Section)
- 2002 - Phoenix Award, Recognition of Excellence in Brownfield Development, A Riverfront Reclaimed
- 2001 - Award for Outstanding Mobility Planning Project, Alton Road Traffic Calming Study for the City of Miami Beach (APA Gold Coast Section)
- 2001 - Planning Award for Outstanding Strategic Planning Project for the Miami Beach, Transportation Concurrency Management Areas to the City of Miami Beach (APA, Gold Coast Section)
- 2000 - Award of Excellence for Clearwater, "One City One Future" (APA, Florida Chapter)
- 2000 - Award of Excellence for Miami Beach, Municipal Mobility Plan to City of Miami Beach (APA, Florida Chapter)

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

12/06/2024

33. NAME AND TITLE

Joseph M. Corradino, AICP - President



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

SUBCONSULTANTS

The Corradino Team has all the required FDOT technical certifications, and each of the assigned professionals is appropriately licensed and qualified and will comply with all relevant professional regulations and industry laws. Below is a summary profile of each sub-consultant firm and an overall summary of the Corradino Team FDOT technical certifications.



CTS Engineering, Inc. (CTS) - CTS was founded in 2010 and began serving the Southeast Florida market with the belief and understanding that the transportation industry's future requires creative thinking and diverse solutions. The company's rapid growth has led to the development of offices in Miami, Fort Lauderdale, Treasure Coast, Orlando, and Tallahassee. Our services have expanded statewide with South Florida municipalities and counties, such as the City of Miami Beach, City of Coral Gables, City of Doral, City of Fort Lauderdale, City of Weston, City of Miami, Miami-Dade County and TPO, Broward County and MPO, Palm Beach County and TPA, Martin County and MPO, St. Lucie County and TPO, and Indian River County and MPO. CTS Engineering, Inc. offers extensive experience working with state agencies, especially with FDOT. We also provide transportation consultant services to private developers and clients. CTS Engineering, Inc. offers a wide array of services to our clients, including transportation planning, traffic engineering, public transit support, roadway design, policy planning, advanced technology support, data collection, statistical analysis, PD&E studies, Transportation Demand Management (TDM), multimodal improvements, economic analysis, market analysis, and return on investment management. CTS Engineering, Inc. is proud of its strong research and development capabilities. It closely monitors progressive research efforts to provide our clients with the most advanced and effective technology-oriented services. Our Mission is to provide creative, comprehensive, and cost-effective solutions to our clients and community, working diligently to satisfy the needs of our public and private sector clients.

Mr. Sheng Yang, PE, PTOE, is the company's chief executive officer and principal. Mr. Yang has over 20 years of engineering experience, focusing on traffic data collection,

traffic engineering, transportation planning, demand modeling, concept development, Geographic Information System (GIS) application, and data analysis. Mr. Yang has unique expertise in developing feasible transportation projects from the inception of planning concepts to cost estimates and prioritizing the projects based on predefined ranking criteria. Throughout his professional career, Mr. Yang has served FDOT and many other local governments, such as Broward County, Broward Metropolitan Planning Organization (MPO), Miami-Dade County and Transportation Planning Organization (TPO), City of Fort Lauderdale, City of Boca Raton, and Palm Beach Transportation Planning Agency (TPA). He has provided professional services in traffic analyses and managed lane feasibility studies, transit corridor studies, traffic simulation, travel demand modeling, interchange operational analyses and minor design, PD&E studies, corridor action plan/master plan development, ITS planning and technology implementation, traffic impact analyses and reviews, traffic data collection, long-range travel demand forecasts, school zone studies, and local government transportation system master plan development.

Key staff proposed on this contract include Mr. Phani Allu, PE, PTOE (for traffic engineering/safety studies), Steve Hughes, PE (roadway design), and Danny Iglesias, PE (QA/QC officer) as the lead supervisory staff. The brief bios/experience have been provided below.

Technical Contract Roles - Traffic Data Collection, Traffic Engineering, Transportation Planning, Roadway Design, Signing and Pavement Marking, Lighting, CEI, PD&E studies and Signalization



AREHNA | Engineering, Inc.

Arehna Engineering, Inc. (AREHNA) - AREHNA is a geotechnical engineering and materials testing firm with an experienced staff of engineers who work closely with clients and project design teams, carefully consider project information, and provide the most cost-effective solutions to the challenges faced on each project. We are familiar with the geologic conditions in Broward County and have extensive experience designing stabilization programs both pre and post-construction. AREHNA has successfully provided geotechnical engineering services on contracts for various public and private sector clients.



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Project experience includes roadway improvements, bridge replacements, complete streets, water, wastewater, stormwater and drainage, parks and trails, safety and bike and pedestrian improvements, projects for Broward County, FDOT, FDEP, SWFWMD, as well as other Counties and Cities throughout the State. AREHNA has successfully provided engineering services on several contracts for Broward County, District Four, and currently supports multiple Districtwide contracts for Design, Minor Design, Minor Bridge Repair, Drainage, and Landscape, as well as Geotechnical and Materials Testing contracts for FDOT. AREHNA Engineering, Inc. (AREHNA) is a certified (CBE) Certified Business Enterprise with Broward County, FDOT Disadvantage Business Enterprise (DBE) and Small Business Enterprise (SBE) that provides innovative and comprehensive geotechnical and materials testing and inspection services throughout the State of Florida. AREHNA, prequalified in FDOT Work Groups 9.1, 9.2, 9.3, 9.4.1, 9.4.2, 9.5, and 10.3, has a full-service geotechnical and construction materials testing laboratory, which is AASHTO accredited, USACE validated, and FDOT approved.

Technical Contract Roles - Geotechnical Engineering and Testing



Miller Legg & Associates, Inc. (Miller Legg) - Miller Legg is a statewide award-winning consulting firm that combines the elements of engineering, planning, landscape architecture, urban design, surveying, subsurface utility engineering (SUE), environmental wetlands consulting, and geographic information systems services. Miller Legg works successfully to improve communities and create environments for various clients. Client sectors include municipal and county government, transportation, healthcare, education, federal and international. This offers their clients a firm of seasoned professionals who are leaders in the Florida consulting industry. Established in 1965, Miller Legg employs approximately 60 professionals and technicians and is wholly owned by its employees. The firm has Sunrise, Miami, Port St. Lucie, and Tampa locations. The firm has completed numerous municipal, county, state, and federal projects ranging from neighborhood improvement and redevelopment projects, regional water and sewer utilities, educational facilities site planning, cemeteries, neighborhood parks, and golf course designs to aviation facilities, complete street projects, streetscapes, and streets and highways.

Additionally, the firm has completed several thousand private sector projects, including residential developments from two to 7,000 acres, industrial and office sites, hotels and theme park facilities, hospitals and medical office complexes, commercial properties, retail shopping centers, and franchise properties. The firm has been involved with more than 200,000 acres of project design development in Florida. Miller Legg's approach to each project is best characterized by a "partnering relationship." Miller Legg has dedicated itself to learning their client's culture and specific concerns, desires, and needs, much like an extension of their offices. Miller Legg consistently strives to maintain time schedules and to provide factual and frequent communication.

Miller Legg prides itself on its team approach to the interdisciplinary needs unique to the project and client. They provide responsive, personalized, quality service to value-conscious private clients and select government agencies who desire the best in planning and design. Miller Legg's surveying services include land surveying such as boundary, land title, route, right-of-way, platting, design and control, topographic, Subsurface Utility Engineering (SUE), as-built, tree, and hydrographic surveys, construction layout, Construction Engineering Inspection (CEI) surveys, field monumentation, sketches and descriptions for acquisitions and easements, and GPS data collection. In addition, they provide quantity (earthwork) surveys, condominium surveys, title document analysis, plot plans, and expert witness testimony. Miller Legg's landscape architecture services include planting, hardscape, irrigation, urban design, complete street design, recreational and commercial planning, project theming, signage design, graphic design, contract administration, construction observation services, plan review, horticultural consulting, and arboriculture. In addition, the firm has inventoried more than 40,000 trees, ranging from 28 to 20,000 trees per project.


Technical Contract Roles - Topographic Survey, Right-of-Way, SUE, Landscape Architecture and Environmental Services.



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

The Corradino Group, Inc. is certified in numerous FDOT Type of Work qualifications as depicted in our FDOT Prequalification matrix and documented in our FDOT prequalification letter. This matrix and the provided organizational chart establish that we have the expertise and the depth of professional staff that can work on multiple task work order assignments under this Continuing Services Contract. The primary focus of the Corradino Team is to provide a comprehensive and practical approach to solving current and future transportation challenges. The firm supplies professional transportation engineering, traffic engineering, civil engineering, structural engineering, general planning, Construction Engineering, and Inspection services that are cost-effective and responsive to a wide range of clients, primarily in the public sector. Corradino is proud of its ability to develop safe and effective transportation systems. We strive to foster economic growth and prosperity while providing safe, efficient, and environmentally sound transportation solutions. Our staff offers professional consulting expertise to numerous municipalities and agencies, including multiple FDOT Districts. As you can see in the attached organizational chart and the complete list of provided resumes that include detailed previous experience and proficiency with similar projects, our team is prepared to service the City of Cooper City under this Continuing Services Contract.

 THE CORRADINO GROUP <small>Engineers • Planners • Program Managers • Environmental Scientists</small> <small>Helping communities since 1970</small>		Team Members			
Request for Qualifications for Continuing Professional Consulting Services (CCNA)- City of Cooper City (RFQ #2024-1-PW)		The Corradino Group, Inc. (Prime)	CTS Engineering, Inc.	Arehna Engineering, Inc.	Miller Legg & Associates, Inc.
FDOT Work Groups/ Services					
2.0	Project Development & Environmental Studies	✓	✓		✓
3.1	Minor Highway Design	✓	✓		✓
3.2	Major Highway Design	✓	✓		
3.3	Controlled Access Highway Design	✓	✓		
4.1.1	Miscellaneous Structures	✓			
4.1.2	Minor Bridge Design	✓			
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 Systems Communications	✓			
6.3.4	Intelligent Transportation Systems Software Development		✓		
7.1	Signing, Pavement Marking, and Channelization	✓	✓		
7.2	Lighting	✓	✓		
7.3	Signalization	✓	✓		
8.1	Control Surveying		✓		✓
8.2	Design, Right of Way, and Construction Surveying		✓		✓
8.3	Photogrammetric Mapping		✓		
8.4	Right of Way Mapping		✓		
9.1	Soil Exploration			✓	
9.2	Geotechnical Classification Lab Testing			✓	
9.3	Highway Materials Testing			✓	
9.4.1	Standard Foundation Studies			✓	
9.4.2	Non-Redundant Drilled Shaft Bridge Foundation Studies			✓	
9.5	Geotechnical Specialty Laboratory Testing			✓	
10.1	Roadway Construction, Engineering and Inspection (CEI)	✓			
10.3	Construction Materials Inspection	✓		✓	
10.4	Minor Bridge and Miscellaneous Structures CEI	✓			
10.5.1	Major Bridge CEI- Concrete	✓			
10.5.2	Major Bridge CEI- Steel	✓			
10.5.3	Major Bridge CEI- Segmental	✓			
13.3	Policy Planning		✓		
13.4	Systems Planning	✓	✓		
13.5	Subarea/Corridor Planning	✓	✓		
13.6	Land Planning/Engineering	✓	✓		✓
13.7	Transportation Statistics		✓		
15	Landscape Architect				✓
	Public Outreach/Public Relations	✓			



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

*Florida Department of Transportation*

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 27, 2024

Frederick P'Pool, Chief Operating Officer
THE CORRADINO GROUP, INC.
4055 NW 97th Avenue, Suite 200
Miami, Florida 33178

Dear Mr. P'Pool:

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 professional services types of work per Rule 14-75, F.A.C.:

- 2.0 Project Development and Environmental (PD&E) Studies
 - 3.1 Minor Highway Design
 - 3.2 Major Highway Design
 - 3.3 Controlled Access Highway Design
- 4.1.1 Miscellaneous Structures
- 4.1.2 Minor Bridge Design
- 6.1 Traffic Engineering Studies
- 6.2 Traffic Signal Timing
- 6.3.1 Intelligent Transportation Systems Analysis and Design
- 6.3.3 Intelligent Transportation Traffic Engineering Systems Communications
- 7.1 Signing, Pavement Marking and Channelization
- 7.3 Signalization
- 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
- 13.3 Policy Planning
- 13.4 Systems Planning
- 13.5 Subarea/Corridor Planning
- 13.6 Land Planning/Engineering



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

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 June 30, 2025, for contracting purposes.

Approved Rates

Home Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Home Direct Expense	Field Direct Expense
144.50%	114.82%	0.203%	Reimbursed	1.43%	6.68%*

*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



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

*Florida Department of Transportation*

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 13, 2024

Sheng Yang, President
CTS ENGINEERING, INC.
3230 West Commercial Boulevard, Suite 220
Fort Lauderdale, Florida 33309

Dear Mr. Yang:

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 professional services types of work per Rule 14-75, F.A.C.:

- 2.0 Project Development and Environmental (PD&E) Studies
 - 3.1 Minor Highway Design
 - 3.2 Major Highway Design
 - 3.3 Controlled Access Highway Design
- 6.1 Traffic Engineering Studies
 - 6.2 Traffic Signal Timing
 - 6.3.1 Intelligent Transportation Systems Analysis and Design
 - 6.3.4 Intelligent Transportation Systems Software Development
- 7.1 Signing, Pavement Marking and Channelization
 - 7.2 Lighting
 - 7.3 Signalization
- 8.1 Control Surveying
 - 8.2 Design, Right of Way & Construction Surveying
 - 8.3 Photogrammetric Mapping
 - 8.4 Right of Way Mapping
- 13.3 Policy Planning
 - 13.4 Systems Planning
 - 13.5 Subarea/Corridor Planning
 - 13.6 Land Planning/Engineering
 - 13.7 Transportation Statistics

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 June 30, 2025, for contracting purposes.



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Approved Rates

Home Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Home Direct Expense	Field Direct Expense
180.85%*	132.32%*	1.344%*	Reimbursed	27.70%*	34.46%*^

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

*For multi-year contracts, DOT has adjusted the overhead rates to mitigate the adverse impacts of Employee Retention Credit (ERC). For information on the adjusted overhead rates, contact the district Procurement 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



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

*Florida Department of Transportation*RON DESANTIS
GOVERNOR605 Suwannee Street
Tallahassee, FL 32399-0450JARED W. PERDUE, P.E.
SECRETARY

August 26, 2024

Jessica McRory, President
AREHNA ENGINEERING, INC.
5012 West Lemon Street
Tampa, Florida 33609

Dear Ms. McRory:

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 professional services types of work per Rule 14-75, F.A.C.:

- 9.1 Soil Exploration
- 9.2 Geotechnical Classification Laboratory Testing
- 9.3 Highway Materials Testing
- 9.4.1 Standard Foundation Studies
- 9.4.2 Non-Redundant Drilled Shaft Bridge Foundation Studies
- 9.5 Geotechnical Specialty Laboratory Testing
- 10.3 Construction Materials Inspection

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 June 30, 2025, for contracting purposes.

Approved Rates

Home Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Home Direct Expense	Field Direct Expense	Published Fee Schedule
190.14%	127.65%	2.802%	Reimbursed	3.76%	3.37%*	Yes

*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



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

*Florida Department of Transportation*RON DESANTIS
GOVERNOR605 Suwannee Street
Tallahassee, FL 32399-0450JARED W. PERDUE, P.E.
SECRETARY

July 12, 2024

Kathie Brennan, Associate
MILLER, LEGG & ASSOCIATES, INC.
13680 NW 5th Street, Suite 200
Sunrise, Florida 33325

Dear Ms. Brennan:

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 professional services types of work per Rule 14-75, F.A.C.:

- 2.0 Project Development and Environmental (PD&E) Studies
- 3.1 Minor Highway Design
- 8.1 Control Surveying
- 8.2 Design, Right of Way & Construction Surveying
- 13.6 Land Planning/Engineering
- 15.0 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 June 30, 2025, for contracting purposes.

Approved Rates

Home Overhead	Facilities Capital Cost of Money	Premium Overtime	Home Direct Expense
171.84%	0.444%	Reimbursed	1.21%

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



ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)
2024-1-PW

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (or Branch Office) NAME The Corradino Group, Inc.			3. YEAR ESTABLISHED 1970	4. UNIQUE ENTITY IDENTIFIER HKBGPFZLGCU5
2b. STREET 4055 NW 97th Avenue, Suite 200			5. OWNERSHIP	
2c. CITY Miami			2d. STATE FL	2e. ZIP CODE 33178
6a. POINT OF CONTACT NAME AND TITLE Joseph M. Corradino, AICP, President			a. TYPE Corporation	
6b. TELEPHONE NUMBER 305.594.0735			b. SMALL BUSINESS STATUS N/A	
6c. E-MAIL ADDRESS jmcarradino@corrardino.com			7. NAME OF FIRM (If Block 2a is a Branch Office) N/A	

8a. FORMER FIRM NAME(S) (If any)	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
Schimpeler*Schuette*Corradino, PSC	1970	N/A

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	46	37	A05	Airports; NavAids; Lighting; Fueling	1
06	Architects	1	1	A06	Airports; Terminals; Hangars; Freight	6
08	CADD Technician	4	0	B02	Bridges	1
12	Civil Engineer	23	9	C15	Construction Management	4
15	Construction Inspector	69	45	E09	Environmental Impact Studies	3
16	Construction Manager	22	18	E11	Environmental Planning	1
24	Environmental Scientist	1	0	H07	Highways; Street; Airfield Paving	1
29	GIS	1	0	P05	Planning (Regional and State)	4
47	Planners	9	9	P14	Pavement Design	1
48	Project Manager	19	14	R03	Railroad; Rapid Transit	3
60	Transportation Engineer	15	1	R13	Roadway Design; General	6
62	Water Resources Engineer	3	0	S04	Sewer Collection Treatment Disposal	2
				T02	Testing and Inspection Services	8
				T03	Traffic & Transportation Engineering	6
				W02	Water Resources; Groundwater	2
				Z01	Zoning; Land Use Studies	2
	Other Employees	2	2			
Total		215	136			

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	00	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	10	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE 12/6/2024
c. NAME AND TITLE Joe M. Corradino, AICP - President	

1. SOLICITATION NUMBER (If any) 2024-1-PV

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

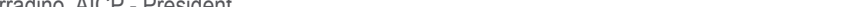
2a. FIRM (or Branch Office) NAME The Corradino Group, Inc.			3. YEAR ESTABLISHED 1970	4. UNIQUE ENTITY IDENTIFIER HKBGPFZLGCU5
2b. STREET 5200 NW 33rd Avenue, Suite 203			5. OWNERSHIP	
2c. CITY Fort Lauderdale		2d. STATE FL	2e. ZIP CODE 33309	
6a. POINT OF CONTACT NAME AND TITLE Joseph M. Corradino, AICP, President			a. TYPE Corporation	
6b. TELEPHONE NUMBER 954.777.0044			b. SMALL BUSINESS STATUS N/A	
6c. E-MAIL ADDRESS jmcorradino@corradino.com			7. NAME OF FIRM (if Block 2a is a Branch Office) N/A	

8a. FORMER FIRM NAME(S) (if any)	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
Schimpeler*Schuette*Corradino, PSC	1970	N/A

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	46	1	A05	Airports: NavAids; Lighting; Fueling	1
06	Architects	1	0	A06	Airports: Terminals; Hangars; Freight	6
08	CADD Technician	4	0	B02	Bridges	1
12	Civil Engineer	23	1	C15	Construction Management	4
15	Construction Inspector	69	0	E09	Environmental Impact Studies	3
16	Construction Manager	22	0	E11	Environmental Planning	1
24	Environmental Scientist	1	0	H07	Highways; Street; Airfield Paving	1
29	GIS	1	0	P05	Planning (Regional and State)	4
47	Planners	9	0	P14	Pavement Design	1
48	Project Manager	19	2	R03	Railroad; Rapid Transit	3
60	Transportation Engineer	15	6	R13	Roadway Design; General	6
62	Water Resources Engineer	3	0	S04	Sewer Collection Treatment Disposal	2
				T02	Testing and Inspection Services	8
				T03	Traffic & Transportation Engineering	6
				W02	Water Resources; Groundwater	2
				Z01	Zoning; Land Use Studies	2
	Other Employees	2	0			
Total		215	10			

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	00	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	10	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 12/06/2024
c. NAME AND TITLE Joseph M. Corradino, AICP - President	



ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)
RFQ #2024-1-PW

PART II – GENERAL QUALIFICATIONS

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


2a. FIRM (OR BRANCH OFFICE) NAME Miller Legg			3. YEAR ESTABLISHED 1965		4. DUNS NUMBER 038700035	
2b. STREET 13680 NW 5th Street, Suite 200			5. OWNERSHIP			
2c. CITY Sunrise			2d. STATE FL		2e. ZIP CODE 33325-6234	
6a. POINT OF CONTACT NAME AND TITLE Michael Kroll, RLA, FASLA, President			a. TYPE Corporate			
6b. TELEPHONE NUMBER (954) 628-3651			b. SMALL BUSINESS STATUS			
6c. E-MAIL ADDRESS mkroll@millerlegg.com			7. NAME OF FIRM (If block 2a is a branch office)			
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED		8c. DUNS NUMBER	

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 (1) FIRM (2) BRANCH		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
02	Administrative	4	4	C02	Cemeteries (Planning & Relocation)	5
07	Biologist	2	2	C06	Churches; Chapels	2
08	CADD Technician	4	4	C10	Commercial Building; (low rise); Shopping	2
12	Civil Engineers	6	5	C14	Conservation and Resource Management	4
14	Computer Programmer	0	0	E01	Ecological & Archeological Investigations	4
16	Construction Manager	0	0	E02	Educational Facilities; Classrooms	4
19	Ecologists	2	2	H07	Highways; Streets; Airfield Paving; Parking	2
21	Electrical Engineers	0	0	H09	Hospitals & Medical Facilities	3
23	Environmental Engineer	0	0	H11	Housing (Residential, Multifamily,	6
50	Environmental Risk Assessor	0	0	I06	Irrigation; Drainage	2
24	Environmental Scientist	2	2	L01	Laboratories; Medical Research Facilites	2
29	GIS Specialist	1	1	L03	Landscape Architecture	5
39b	Irrigation Designer	0	0	P04	Pipelines (Cross-country--Liquid & Gas)	2
38	Land Surveyor	1	1	P05	Planning (Community; Regional; Areawide &	3
38a	Survey Crew Members	5	1	P06	Planning (Site, Installation and Project)	3
39	Landscape Architects	4	3	R04	Recreational Facilities (Parks; Marinas; ect.)	4
39a	Landscape Designers	8	8	S04	Sewage Collection, Treatment & Disposal	5
47	Planners: Urban/Regional	1	1	S13	Stormwater Handling & Facilities	5
51	Safety/Occupational Health	0	0	S10	Surveying; Platting; Mapping; Flood Plain	2
60	Transportation Engineers	0	0	T03	Traffic & Transportation Engineering	2
	Other Employees	1	1	U02	Urban Renewals; Community Development	4
	Total	41	35	W03	Water Supply; Treatment and Distribution	4

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	4	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	6	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 1/6/2025
c. NAME AND TITLE Michael Kroll, RLA, FASLA, President	



ARCHITECT – ENGINEER QUALIFICATIONS

 1. SOLICITATION NUMBER (If any)
RFQ #2024-1-PW

PART II – GENERAL QUALIFICATIONS

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

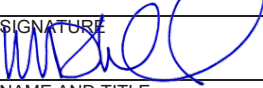
2a. FIRM (OR BRANCH OFFICE) NAME Miller Legg			3. YEAR ESTABLISHED 2006		5. DUNS NUMBER 038700035	
2b. STREET 1845 NW 112 Avenue, Suite 211			5. OWNERSHIP			
2c. CITY Miami			2d. STATE FL	2e. ZIP CODE 33172		
6a. POINT OF CONTACT NAME AND TITLE Michael Kroll, RLA, FASLA, President			a. TYPE Corporate			
6b. TELEPHONE NUMBER (954) 628-3651			b. SMALL BUSINESS STATUS			
6c. E-MAIL ADDRESS mkroll@millerlegg.com			7. NAME OF FIRM (If block 2a is a branch office) Miller Legg			
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED		8c. DUNS NUMBER	

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 (1) FIRM (2) BRANCH		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
02	Administrative	4	0	C02	Cemeteries (Planning & Relocation)	0
07	Biologist	2	0	C06	Churches; Chapels	0
08	CADD Technician	4	0	C10	Commercial Building; (low rise); Shopping	0
12	Civil Engineers	6	0	C14	Conservation and Resource Management	0
14	Computer Programmer	0	0	E01	Ecological & Archeological Investigations	0
16	Construction Manager	0	0	E02	Educational Facilities; Classrooms	4
19	Ecologists	2	0	H07	Highways; Streets; Airfield Paving; Parking	3
21	Electrical Engineers	0	0	H09	Hospitals & Medical Facilities	2
23	Environmental Engineer	0	0	H11	Housing (Residential, Multifamily,	0
50	Environmental Risk Assessor	0	0	I06	Irrigation; Drainage	0
24	Environmental Scientist	2	0	L01	Laboratories; Medical Research Facilities	0
29	GIS Specialist	1	0	L03	Landscape Architecture	0
39b	Irrigation Designer	0	0	P04	Pipelines (Cross-country--Liquid & Gas)	0
38	Land Surveyor	1	0	P05	Planning (Community; Regional; Areawide &	0
38a	Survey Crew Members	5	4	P06	Planning (Site, Installation and Project)	0
39	Landscape Architects	4	1	R04	Recreational Facilities (Parks; Marinas; ect.)	0
39a	Landscape Designers	8	0	S04	Sewage Collection, Treatment & Disposal	0
47	Planners: Urban/Regional	1	0	S13	Stormwater Handling & Facilities	0
51	Safety/Occupational Health	0	0	S10	Surveying; Platting; Mapping; Flood Plain	6
60	Transportation Engineers	0	0	T03	Traffic & Transportation Engineering	0
	Other Employees	1	0	U02	Urban Renewals; Community Development	0
Total		41	5	W03	Water Supply; Treatment and Distribution	0

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	4	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	6	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	c. DATE 1/6/2025
c. NAME AND TITLE Michael Kroll, RLA, FASLA, President	



ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

RFQ #2024-1-PW

PART II - GENERAL QUALIFICATIONS


2a. FIRM (OR BRANCH OFFICE) NAME AREHNA Engineering, Inc.			3. YEAR ESTABLISHED 2009	4. UNIQUE ENTITY IDENTIFIER WYD7KGQSZ726
2b. STREET 5389 N Nob Hill Road			5. OWNERSHIP	
2c. CITY Sunrise	2d. STATE Florida	2e. ZIP CODE 33351	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Jessica McRory, PE, LEED AP, President			b. SMALL BUSINESS STATUS MBE, DBE, WMBE, DW/DMBE	
6b. TELEPHONE NUMBER 954-495-1710	6c. E-MAIL ADDRESS jmcrary@arehna.com		7. NAME OF FIRM (If block 2a is a branch office) Not Applicable	
8a. FORMER FIRM NAME(S) (if any) Not Applicable			8b. YR. ESTABLISHED Not Applicable	8c. DUNS NUMBER Not Applicable

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					
27	Foundation/Geotechnical Engineer	12	5	S05	Soils and Geologic Studies: Foundations		6	
26	Forensic Engineer	2	1					
48	Project Manager	5		T02	Testing and Inspection Services		6	
30	Geologist	1		F05	Forensic Engineering		1	
08	CADD Technician	1	1					
58	Technician/Analyst	9	2					
15	Construction Inspector	10	2					
02	Administrative	8	1					
	Other Employees							
Total		48						

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 1/6/2025
c. NAME AND TITLE Jessica McRory, President	



ARCHITECT - ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER
RFQ 2024-1-PW

PART II - GENERAL QUALIFICATIONS


2a. FIRM (or Branch Office) NAME CTS ENGINEERING, INC.			3. YEAR ESTABLISHED 2009	4. UNIQUE ENTITY IDENTIFIER
2b. STREET 3230 West Commercial Blvd, Suite 220			5. OWNERSHIP	
2c. CITY Fort Lauderdale	2d. STATE FL	2e. ZIP CODE 33309	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Sheng Yang, P.E., PTOE - President			b. SMALL BUSINESS STATUS Active	
6b. TELEPHONE NUMBER 954-637-1608		6c. EMAIL ADDRESS syang@ctseinc.com	7. NAME OF FIRM (if Block 2a is a Branch Office) CTS Engineering, Inc.	
8a. FORMER FIRM NAME(S) (if any) N/A		8b. YEAR ESTABLISHED N/A	8c. UNIQUE ENTITY IDENTIFIER N/A	

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
		(1) Firm	(2) Branch			
02	Administrative	5	4	C16	Construction Surveying	1
12	Civil Engineer	21	13	C18	Cost Estimating; Cost Eng. And Analysis	1
29	Geographic Information System Specialist	1	1	G04	Geographic Information System Specialist	22
38	Land Surveyor	2	1	G05	Geospatial Data Conversion	1
47	Planner: Urban/Regional	3	3	L02	Land Surveying	2
58	Technician/Analyst	22	7	L06	Lighting (Exteriors)	2
60	Transportation Engineer	3	3	P05	Planning (Community, Regional, Areawide & State)	4
				R03	Railroad; Rapid Transit	4
				R10	Risk Analysis	1
				S10	Surveying; Platting; Mapping	3
				S13	Stormwater Handling & Facilities	1
				T03	Traffic & Transportation Engineering	4
				T04	Topographic Surveying & Mapping	1
				V01	Value Analysis; Life Cycle Costing	1
				Z01	Zoning; Land Use Studies	1
	Other Employees	29	21			
	Total	86	53			

11. Annual Average Professional Services Revenues of Firm for Last 3 Years		Professional Services Revenue Index Number	
a. Federal Work		1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million	6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater
b. Non-Federal Work	8		
c. Total Work	8		

12. Authorized Representative

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 1/13/2025
c. NAME AND TITLE Sheng Yang, P.E., PTOE - President	



ARCHITECT - ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER
RFQ 2024-1-PW

PART II - GENERAL QUALIFICATIONS


2a. FIRM (or Branch Office) NAME CTS ENGINEERING, INC.			3. YEAR ESTABLISHED 2009	4. UNIQUE ENTITY IDENTIFIER
2b. STREET 8095 NW 12 th Street, Suite 315			5. OWNERSHIP	
2c. CITY Doral	2d. STATE FL	2e. ZIP CODE 33126	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Sheng Yang, P.E., PTOE - President			b. SMALL BUSINESS STATUS Active	
6b. TELEPHONE NUMBER 305-890-7198		6c. EMAIL ADDRESS syang@ctseinc.com	7. NAME OF FIRM (If Block 2a is a Branch Office) CTS Engineering, Inc.	
8a. FORMER FIRM NAME(S) (If any) N/A		8b. YEAR ESTABLISHED N/A	8c. UNIQUE ENTITY IDENTIFIER N/A	

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
		(1) Firm	(2) Branch			
02	Administrative	5	1	C16	Construction Surveying	1
12	Civil Engineer	21	5	C18	Cost Estimating; Cost Eng. And Analysis	1
29	Geographic Information System Specialist	1		G04	Geographic Information System Specialist	22
38	Land Surveyor	2	1	G05	Geospatial Data Conversion	1
47	Planner: Urban/Regional	3		L02	Land Surveying	2
58	Technician/Analyst	22	13	L06	Lighting (Exteriors)	2
60	Transportation Engineer	3		P05	Planning (Community, Regional. Areawide & State)	4
				R03	Railroad; Rapid Transit	4
				R10	Risk Analysis	1
				S10	Surveying; Platting; Mapping	3
				S13	Stormwater Handling & Facilities	1
				T03	Traffic & Transportation Engineering	4
				T04	Topographic Surveying & Mapping	1
				V01	Value Analysis; Life Cycle Costing	1
				Z01	Zoning; Land Use Studies	1
	Other Employees	29	4			
	Total	86	24			

11. Annual Average Professional Services Revenues of Firm for Last 3 Years		Professional Services Revenue Index Number	
a. Federal Work		1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	8	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
		3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
c. Total Work	8	5. \$1 million to less than \$2 million	10. \$50 million or greater

12. Authorized Representative

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 1/13/2025
c. NAME AND TITLE Sheng Yang, P.E., PTOE - President	




TEAM LICENSES & CERTIFICATIONS - THE CORRADINO GROUP, INC.


This certificate hereby qualifies


Joseph Michael Corradino, AICP

as a member with all the benefits of a Certified Planner
and a commitment to the AICP Code of Ethics and Professional Conduct.



Certified Planner Number 012032


Paul Farmer, FAICP
Chief Executive Officer


Lee Brown, FAICP
President

 The American Planning Association's
Professional Institute
American Institute
of Certified Planners
Making Great Communities Happen

Ron DeSantis, Governor
Melanie S. Griffin, Secretary


STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES



CZERNIEJEWSKI, ERIC S.
2201 SW 180TH AVENUE
MIRAMAR FL 33029

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WESTON FL 33327

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 INSTITUTE FOR
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INFRASTRUCTURE

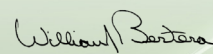
presents the

**Envision™ Sustainability
Professional Credential**

to

Eric S Czerniejewski

Presented on: December 31, 2013


William Bertera
Executive Director
Institute for Sustainable Infrastructure

Transportation Professional Certification Board, Inc.

certifies that

Aditya Kumar Ratragadda

*has met all of the requirements established by the Certification Board
to use the title of*

Professional Transportation Planner

*unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 675 issued in Washington, DC, U.S.A*



07/30/2018

 Michael R. Park
Chair



 Jeffrey F. Limati
Executive Director

Ron DeSantis, Governor
Melanie S. Griffin, Secretary


STATE OF FLORIDA

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KALTENBACH, KENNETH DONALD
3534 ST. ANDREWS VILLAGE CIRCLE
LOUISVILLE KY 402410000

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WHITE, DIANA
4801 NE 13 TERRACE
OAKLAND PARK FL 33334

LICENSE NUMBER: PE74568
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Certificate of Completion

DIANA WHITE

Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Advanced Course.

08/20/2025 **140** **Jeremiah McCarthy** **76667**

Date Expires FDOT Provider # Instructor Certificate #

Metro Florida Safety Council
Tri-County
Dade, Broward, Palm Beach, FL
metrofloridasafetycouncil.com
mlyons@metrofloridasafetycouncil.com

FDOT

For more information about Temporary Traffic Control (TTC) or to verify this certificate
www.moladmin.com

Transportation Professional Certification Board, Inc.

certifies that

Diana White

has met all of the requirements established by the Certification Board to use the title of

Professional Traffic Operations Engineer

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 5707 issued in Washington, DC, USA
8/20/24

Joseph G. Bales
Joseph G. Bales
Chair

PTOE PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Steve Kaciomba
Steve Kaciomba
Executive Director

Ron DeSantis, Governor
Melanie S. Griffin, Secretary

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SPATAFORA, VANESSA
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This certificate hereby qualifies

Edward Wing Keung Ng, AICP

as a member with all the benefits of a Certified Planner and a commitment to the AICP Code of Ethics and Professional Conduct.

Certified Planner Number: 028927

James M. Drinan
James M. Drinan, JD
Executive Director

Valerie J. Hubbard
Valerie J. Hubbard, FAICP
President

APA The American Planning Association's Professional Institute
AICP American Institute of Certified Planners
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Melanie S. Griffin, Secretary

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LEON, FRANCISCO JOSE
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APT. D
HOLLYWOOD FL 33021

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Melanie S. Griffin, Secretary

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BOLDEN, GERALD GLENN
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SPRING HILL TN 37174

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Transportation Professional Certification Board Inc.

certifies that

Gerald Glenn Bolden

has met all of the requirements established by the Certification Board to use the title of

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

unless withdrawn by the Certification Board and subject to the provisions for renewal. Certificate number 1180 issued in Washington, D.C. U.S.A. November 19, 2003

Steven D. Hofener
Chair

James W. Bales
Executive Director

Ron DeSantis, Governor

Melanie S. Griffin, Secretary

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SOLIS-RIOS, RYAN
7774 SW 42 PLACE
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Transportation Professional Certification Board Inc.

certifies that

Ryan Solis-Rios

has met all of the requirements established by the Certification Board to use the title of

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Unless withdrawn by the Certification Board this certificate number 2382 issued in Washington, D.C. is subject to the provisions for renewal May 5, 2008

Steven D. Hofener
Chair

James W. Bales
Executive Director

Ron DeSantis, Governor

Melanie S. Griffin, Secretary

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CLEVELAND, DAVID CHARLES
9620 E. PENTECOST ROAD
INDIANAPOLIS IN 46239

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TPCB

The Transportation Professional Certification Board

Certifies that

David Cleveland, P.E., PTOE

successfully holds the Professional Traffic Operations Engineer® certification

Original Certification Date: 12/1/2009 Certification Valid Through: 12/1/2027

Steve Kuciemba
Steve Kuciemba,
Executive Director and CEO

Joseph C. Bales
Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair



Ron DeSantis, Governor
Melanie S. Griffin, Secretary

STATE OF FLORIDA

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CHARPENTIER, GORKY F.
4055 NW 97 AVE
SUITE 200
DORAL FL 33178

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COFFIN, JEFFREY DANE
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SUITE 203
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POLLOCK, MELVIN L.
198 LONE PINE DRIVE
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AMADOR, CARLOS
7874 WEST 34TH LANE APT 201
HIALEAH FL 33018

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GRIFFIN, STACY LYN
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PALM CITY FL 34990

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HOTT, ZED Z.
3481 S. 300 W.
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MAHLIE, BRUCE JOHN
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INDIANAPOLIS IN 46220

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This certificate acknowledges

Scarlet R. Hammons, AICP CTP

having complied with all requirements of the American Institute of Certified Planners, the American Planning Association's professional institute, providing recognized leadership nationwide in the certification of professional planners and the ethics, professional development, planning education and standards of planning practice, is hereby provided this certificate as evidence of certification of expertise in the field of transportation planning and is hereby declared to be a

Certified Transportation Planner

James M. Drinan, Jr.
James M. Drinan, Jr.
Executive Director

Glenn E. Larson
Glenn E. Larson, AICP
President

APA
AICP CTP
Certified Transportation Planner

This certificate hereby qualifies

Kathryn Lyon, AICP

as a member with all the benefits of a Certified Planner and a commitment to the AICP Code of Ethics and Professional Conduct.

Certified Planner Number 026921

Paul Farmer
Paul Farmer, AICP
Chief Executive Officer

Lee Brown
Lee Brown, AICP
President

APA
The American Planning Association's Professional Institute
AICP
American Institute of Certified Planners
Making Great Communities Happen

ASSOCIATION OF STATE
FLOODPLAIN MANAGERS, INC.

CERTIFICATION BOARD OF REGENTS

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

Kathryn R. Lyon, CFM

IS DULY REGISTERED AS AN

ASFPM CERTIFIED FLOODPLAIN MANAGER

IN TESTIMONY WHEREOF THIS CERTIFICATE HAS BEEN ISSUED BY THE AUTHORITY OF THE CERTIFICATION BOARD OF REGENTS, CERTIFICATE NO. US-14-08118, ISSUED 11/21/2014. THIS CERTIFICATE SHALL EXPIRE 1/31/2021, UNLESS RENEWED ACCORDING TO THE RULES OF THIS BOARD.

Louis T. Greenwell, CFM
CERTIFICATION BOARD OF REGENTS
PRESIDENT, LOUIS T. GREENWELL, CFM

Chad M. Bergin
ASSOCIATION OF STATE FLOODPLAIN MANAGERS
EXECUTIVE DIRECTOR, CHAD M. BERGIN, CFM

ASFPM
CFM
CERTIFIED



TEAM LICENSES & CERTIFICATIONS - MILLER LEGG & ASSOCIATES, INC.

The International Society of Arboriculture
Hereby Announces That
William Ripley Mohler, III
Has Earned the Credential
ISA Certified Arborist®

By successfully meeting ISA Certified Arborist certification requirements through demonstrated attainment of relevant competencies as supported by the ISA Credentialing Council

Caitlyn Polihan
Caitlyn Polihan
CEO & Executive Director

15 February 2014 30 June 2026 FL-6601A
Issue Date Expiration Date Certification Number

ANAB
ANSI National Accredited Body
ACCREDITED
PERSONNEL CERTIFICATION
ISO 9001
#1667
ISA Certified Arborist

The International Society of Arboriculture
Hereby Announces That
William Ripley Mohler, III
Has Earned the Credential
ISA Tree Risk Assessment Qualification®

By successfully meeting ISA Tree Risk Assessment Qualification certification requirements through demonstrated attainment of relevant competencies as supported by the ISA Credentialing Council

Caitlyn Polihan
Caitlyn Polihan
CEO & Executive Director

25 June 2021 25 June 2026
Issue Date Expiration Date

**Society of Wetland Scientists
Professional Certification Program, Inc.**
grants the designation
Professional Wetland Scientist
For
William R. Mohler III

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Program, Inc. and verified by the Society's Certification Review Panel on 4/21/2021.
Professional Wetland Scientist number 3361. Due to recertify by 4/21/2026.

Kimberli J. Ponzio
Kimberli J. Ponzio, PWS
President

Robert D. Sherman
Robert D. Sherman, Ph.D., PWS
Review Panel Chair

Certification No. 2014-139
Expiration date: December 31, 2025

This certifies that
William R. Mohler III
Having shown to possess the necessary qualifications and having complied with the requirements of the
Landscape Inspectors Association of Florida
was by an order of this body recognized as competent in dispensing of the duties of a
Landscape Inspector
Given under the seal of the Landscape Inspectors Association of Florida this 1st day of January, 2023
Kevin Hatt
Kevin Hatt, Certification Chair

The International Society of Arboriculture
Hereby Announces That
Matthew Dancho
Has Earned the Credential
ISA Certified Arborist®

By successfully meeting ISA Certified Arborist certification requirements through demonstrated attainment of relevant competencies as supported by the ISA Credentialing Council

Caitlyn Polihan
Caitlyn Polihan
CEO & Executive Director

3 August 2021 31 December 2027 FL-9777A
Issue Date Expiration Date Certification Number

ANAB
ANSI National Accredited Body
ACCREDITED
PERSONNEL CERTIFICATION
ISO 9001
#1667
ISA Certified Arborist

Ron DeSantis, Governor
Melanie S. Griffin, Secretary

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MOJICA, JOAQUIN ALEJANDRO
817 SE 2ND AVE.
APT. 612
FT. LAUDERDALE, FL 33316

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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.: **LS5857**

Expiration Date February 28, 2025

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

MARTIN P ROSSI
922 N 16TH AVE
HOLLYWOOD, FL 33020-3735

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.

Ron DeSantis, Governor
Melanie S. Griffin, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

THE LANDSCAPE ARCHITECT HEREIN HAS REGISTERED UNDER THE
PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

SHORE, BRIAN R
13680 NW 5TH STREET
SUITE 200
MILLER LEGG & ASSOCIATES, INC.
SUNRISE FL 33325

LICENSE NUMBER: LA666770
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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

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PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

KROLL, MICHAEL D
MILLER LEGG & ASSOCIATES INC
1297 TERRY STONE COURT
WESTON FL 33326

LICENSE NUMBER: LA0001336
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C E R T I F I E D
SURVEY TECHNICIAN
Sandro Elvir

through knowledge, experience and testing has met the requirements
established by the Certified Survey Technician Board.

NSPS
Level 1 Entry
0821-7311
Certificate Number
6/30/2025
Expiration Date

NSPS
CST
CERTIFIED SURVEY TECHNICIAN

UNITED STATES OF AMERICA XI
DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME
SANDRO EMILIO ELVIR

V ADDRESS 2121 ARCADIA DR
MIRAMAR FL 33023-3617

VI NATIONALITY USA
IVa D.O.B. 12 FEB 1972

SEX HEIGHT WEIGHT HAIR EYES
M 60 160 BLACK BROWN

IX HAS BEEN FOUND PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II REMOTE PILOT
III CERTIFICATE NUMBER 4386044
X DATE OF ISSUE 11 MAY 2020

XIV ADMINISTRATOR



TEAM LICENSES & CERTIFICATIONS - AREHNA ENGINEERING, INC.



Ron DeSantis, Governor

Melanie S. Griffin, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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 PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

ALBA, ANGELA L.
 11365 SOLSTICE CIRCLE
 PARKLAND FL 33076

LICENSE NUMBER: PE58538


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STATE OF FLORIDA

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MCRORY, JESSICA ANN
 5012 W. LEMON STREET
 TAMPA FL 33609

LICENSE NUMBER: PE68440

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STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

REYES, JESSICA IRELA
12517 SW 9 TERRACE
MIAMI FL 33184

LICENSE NUMBER: PE77542
EXPIRATION DATE: FEBRUARY 28, 2025
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IMSA
INTERNATIONAL
SAFETY TECHNICAL

Jessica I. Reyes
is hereby certified as a
Renewal IMSA Traffic Signal Field Tech II
by completing all requirements and examination for certification
on 8/29/2022

Valid thru 8/29/2025
Certification #BE_113464

Toby Cummings
Toby Cummings - Executive Director

Ron DeSantis, Governor
Melanie S. Griffin, Secretary

STATE OF FLORIDA

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HUGHES, STEPHEN ALLEN
1600 WEST OAK KNOLL CIRCLE
DAVIE FL 33324

LICENSE NUMBER: PE64740
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Melanie S. Griffin, Secretary

STATE OF FLORIDA

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LEE SHUE LING, BRENT JUDE
9254 GREENBRIER CT
DAVIE FL 33328

LICENSE NUMBER: PE71453
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Melanie S. Griffin, Secretary

STATE OF FLORIDA

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MELENDEZ, MICHAEL MAURO
7811 SEQUOIA LANE
PARKLAND FL 33067

LICENSE NUMBER: PE58698
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Melanie S. Griffin, Secretary

STATE OF FLORIDA

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CAMPELLO, EVA J.
6698 10TH AVE NORTH APT 426
LAKE WORTH FL 33467

LICENSE NUMBER: PE78516
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TEAM LICENSES & CERTIFICATIONS - CTS ENGINEERING, INC.

Ron DeSantis, Governor
Melanie S. Griffin, Secretary

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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LA PAIX, LISSY CESARINA
2033 CALAIS DRIVE
UNIT 5
MIAMI BEACH FL 33141

LICENSE NUMBER: PE92210
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Melanie S. Griffin, Secretary

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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BENNETT, MARQUELLUS L.
8107 DRUID HILLS RESERVE DRIVE
ATLANTA GA 30329

LICENSE NUMBER: PE77954
EXPIRATION DATE: FEBRUARY 28, 2025
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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.: **LS6759**
Expiration Date February 28, 2025

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

LIS ROCIO TOLSTOY
1238 SW 154TH CT
MIAMI, FL 33194-2659

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.

Ron DeSantis, Governor
Melanie S. Griffin, Secretary

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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ALLU, VENKATA PHANI KIRAN
12848 NW 18TH COURT
PEMBROKE PINES FL 33028

LICENSE NUMBER: PE68069
EXPIRATION DATE: FEBRUARY 28, 2025
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TPCB
TRANSPORTATION PROFESSIONAL CERTIFICATION BOARD

The Transportation Professional Certification Board
Certifies that

Mr. Venkata Phani Kiran Allu, P.E., PTOE, RSP2I
successfully renewed the Professional Traffic Operations Engineer® certification

Original Certification Date: 9/13/2006
Certification Valid Through: 9/13/2024

Jeffrey F. Paniati
Executive Director and CEO


Joseph C. Baskus, P.E., PTOE, RSP1
TPCB Chair

Certification Number: 1974




The Transportation Professional Certification Board
Certifies that
Mr. Venkata Phani Kiran Allu, P.E., PTOE, RSP21
successfully renewed the Road Safety Professional Infrastructure® (Level 2) certification



Original Certification Date: 3/20/2023 Certification Valid Through: 3/20/2026



Jeffrey F. Paniati,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair

Certification Number: 143

Ron DeSantis, Governor
Melanie S. Griffin, Secretary


STATE OF FLORIDA
BOARD OF PROFESSIONAL ENGINEERS
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
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YANG, SHENG
3527 DERBY LANE
WESTON FL 33331

LICENSE NUMBER: PE64802
EXPIRATION DATE: FEBRUARY 28, 2025
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The Transportation Professional Certification Board
Certifies that
Mr. Sheng Yang, P.E., PTOE
successfully renewed the Professional Traffic Operations Engineer® certification



Original Certification Date: 9/9/2009 Certification Valid Through: 9/9/2027



Jeffrey F. Paniati,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair

Certification Number: 2745



Ron DeSantis, Governor
Melanie S. Griffin, Secretary


STATE OF FLORIDA
BOARD OF PROFESSIONAL ENGINEERS
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
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WU, YONGQIANG
8901 KETTLE DRUM TERRACE
BOYNTON BEACH FL 33473

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Melanie S. Griffin, Secretary


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ZHAO, HUI
4219 FOX RUN CT.
WESTON FL 33331

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Ron DeSantis, Governor
Melanie S. Griffin, Secretary


STATE OF FLORIDA
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ALLU, SATYA SURESH KUMAR
5127 SW 155 AVENUE
MIRAMAR FL 33027

LICENSE NUMBER: PE85951
EXPIRATION DATE: FEBRUARY 28, 2025
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City of Cooper City, Florida
Continuing Professional Consulting Services (CCNA)
(RFQ #2024-1-PW)

INSTRUCTIONS TO RESPONDENTS

1.7 **PROPOSER'S EXPERIENCE RECORD:** ... Accordingly, proposer should provide information as to any of the following: (a) bankruptcy, [NONE] (b) mortgage foreclosures; [NONE] (c) previous or pending litigation [SEE BELOW] and (d) restrictions, restraints or impositions imposed by federal or state regulatory agencies such as Federal Housing Administration, Securities and Exchange Commission, etc., that apply to the proposer/contractor/developer [NONE].

Any questions on previous or pending litigation or other legal matters should be referred to Corradino's in-house General Counsel, Burt J. Deutsch, Esq. (800.880.8241; 502.587.7221; bdeutsch@corradino.com).

PENDING LITIGATION:

- Janine Mamazza-Holmes and Ryan Holmes, Plaintiffs, v. The Corradino Group, Inc., et al. (20 in all) Defendants; Case #2023-CA-000094; in the 19th Judicial Circuit, Martin County, FL; Third Amended Complaint and Demand for Jury Trial, e-filed 09/12/2024, copy delivered to Corradino's Miami office 09/19/2024; Count XXIII against Corradino for general negligence in failing to design and implement resurfacing and roadside improvement plans and to inspect the roadways resulting in injury accident on 06/08/2020; Count XXIV against Corradino for loss of consortium. Project: CEI Services, State Road 91 (Florida Turnpike) between mileposts 117 and 138, Martin County, FL. Corradino's ONLY role on this project was to provide CEI Services as a subconsultant to another defendant, Creative Engineering Group, Inc. Corradino is challenging the claim.

PREVIOUS LITIGATION:

- Diane M. Lybarger, as Personal Representative for the Estate of the decedent, Marissa Lybarger, Plaintiff, v. The Corradino Group, Inc., et al. (27 in all), Defendants; Case #2019-CA-010699-0; in the Ninth Judicial Circuit, Orange County, FL; Second Amended Complaint deemed filed on 04/21/20; copy left at Corradino's office 05/18/20; Counts XLV and XLVI against Corradino for negligence in maintaining highway in a safe condition resulting in the death of Marissa Lybarger. Project: CEI services, "I-4 Ultimate" reconstruction and widening, Orlando, FL. Corradino challenged the claim, filing an Answer and Affirmative Defenses on 06/12/20 and a Motion for Summary Judgment on 09/15/2021; Motion for Summary Judgment granted as to Corradino, 05/02/2024.
- Jennifer Curell, Plaintiff, v. The Corradino Group, Inc., et al. (seven in all), Defendants; Case #2022-CA-001297; in the 19th Judicial Circuit, Saint Lucie County, FL; Complaint for Damages and Demand for Jury Trial, e-filed 07/19/2022, copy delivered to Corradino's Miami office 07/26/2022; Count VI against Corradino for general negligence in not operating a roadway in a safe condition resulting in injury accident on 09/04/18. Project: CR712 (West Midway Rd.) at or near intersection with Magnolia Ave., Port St. Lucie County, FL. Corradino was never a consultant on this project. Corradino challenged the claim; voluntary dismissal without prejudice as to Corradino, 07/20/2023.



- Monica Butts, Plaintiff, v. The Corradino Group, Inc., et al. (four in all), Defendants; Case #49D13-2105-CT-017995; in the Marion Superior Court, Civil Division, Marion County, IN; Second Amended Complaint for Damages, adding The Corradino Group to the Complaint; filed 08/04/2021, copy delivered to Corradino's Indianapolis office 08/06/2021; Count IV against Corradino for negligence in supervision of roadway construction markings, warning signage, and lighting resulting in injury accident on 06/01/2019. Project: CEI services, Binford Blvd. Resurface & Signal Modernization, Indianapolis. Corradino challenged the claim; dismissed without prejudice as to Corradino, 01/17/2023.
- Cathy Sciagata, individually, and as Personal Representative of the Estate of Carey Lynn Reimer, Plaintiff, v. The Corradino Group, Inc., et al. (seven in all), Defendants; Case #2021-CA-010984-O; in the Ninth Judicial Circuit, Orange County, FL; Complaint and Demand for Jury Trial, e-filed 11/15/2021; Count V against Corradino for negligence in maintaining traffic in compliance with all applicable state, county, and municipal codes resulting in the death of Carey Lynn Reimer on 09/25/2020. Project: CEI Services, "I-4 Ultimate" reconstruction and widening, Orlando, FL. Corradino challenged the claim; confidential settlement and release, 05/19/22; voluntary dismissal with prejudice filed in Court, 06/20/22.
- Jeffrey Loos and Wendy Loos, Individually and as Husband and Wife, and Megan Loos, Individually, Plaintiffs v. The Corradino Group, Inc., et al. (seven in all), Defendants; Cause #33C02-2109-CT-000055; in the Henry Circuit Court, Henry County, IN; Complaint for Damages and Underinsured Motorist Benefits, or, Alternatively, Request and Notice of Arbitration; filed 09/14/21, received by Corradino's Miami office 9/28/21; Counts I and II against Corradino for negligence in failing to place adequate signage in construction zone resulting in injury accident on 09/15/19. Project: Road construction, EB I-70, New Castle, IN. Case dismissed without prejudice as to Corradino, 11/08/21. Corradino was never a consultant on the project in the first place.
- Jorge Garcia, Plaintiff, v. The Corradino Group, Inc., et al. (four in all), Defendants; Case #2017-020265-CA-01; in the 11th Judicial Circuit, Miami-Dade, FL; Second Amended Complaint, adding The Corradino Group to the Complaint, deemed filed 11/20/20, copy delivered to Corradino's office 12/03/20; Count IV against Corradino for negligence in roadway design [in 2004] causing water to pool in roadway and resulting in injury accident in October 2016. Project: Design services, SR 826 NB, 100 LF south of SW 8th St., Miami, FL. A confidential settlement agreement and release as to Corradino and others was signed on June 22, 2021; case dismissed with prejudice on 07/29/2021.
- Fishel Company, Plaintiff, v. The Corradino Group, Inc., et al. (two in all), Defendants; Case #CACE-18-028093; in the 17th Judicial Circuit, Broward County, FL; filed 12/05/2018; difference of opinion between contractor, Fishel, and consultant, Corradino, working on a project as to responsibility for damage to work materials. Project: CEI services, SR 80, Broward County, FL. Client not involved. On 01/05/2021, the Court ordered Fishel's complaint dismissed with prejudice.
- Twelve related cases filed against Corradino and others, all relate to claims filed by representatives of six deceased and at least 11 injured people resulting from Florida International University's (FIU) Pedestrian Bridge collapse (03/15/18), against numerous defendants (25) involved on the job which were consolidated for the purpose of global mediation into Case #2018-008144-CA-03, filed 03/19/18 in the 11th Judicial Circuit, Miami-Dade County, FL. Corradino's role



on the FIU pedestrian bridge project was very limited, to one person of hundreds on the job. Despite the lack of liability and strong defenses to the lawsuits, Corradino, on advice of counsel and with backing/financial support of its insurers, made a decision to participate in global settlement discussions between the Plaintiffs and Defendants, which resulted in a confidential settlement and dismissal of all claims on 01/24/20.

- Two related cases: (1) Certain Underwriters at Lloyd's, London, et al., Plaintiff, v. The Corradino Group, Inc., et al., Defendants; Case #2017-025914-CA-01; in the 11th Judicial Circuit, Miami-Dade County, FL; e-filed 11/07/17; Count I against Corradino for negligence in performing installation of concrete pipes near a Pet Supermarket property in the area of an overhead powerline. Project: CEI services, SR7/US441 from north of Hallandale Beach to north of Fillmore St. Corradino challenged the claim because it was not the contractor on the job and performed NO installation or other construction work; no monetary amounts stated in complaint; Corradino filed Answer (03/19/18), affirmative defenses and Crossclaim; seeking statutory sovereign immunity; see also 2018 case below. Plaintiff voluntarily dismissed this action as to Corradino only, without prejudice; filed in Court, 07/19/18; and, (2) Certain Underwriters at Lloyd's, et al., Plaintiffs, v. The Corradino Group, Inc., et al., Defendants; Case #2018-00403-CA-01; in the 11th Judicial Circuit Court, Miami-Dade County, FL; e-filed 02/12/18; served on 02/23/18. Same claim as (1); additional damaged parties; same defenses. Plaintiffs voluntarily dismissed this action as to Corradino only, without prejudice; filed in Court, 07/19/18.
- Derrick Perez, Plaintiff, v. The Corradino Group, Inc., et al., Defendants, Case #2016-003005-CA-01, in the 11th Judicial Circuit, Miami-Dade County, FL; filed 02/09/16; Count IV against Corradino for negligence in maintaining highway in safe condition resulting in bodily injury. Project: CEI services, W 84th St. at/near 8th Ave., Hialeah, FL. Corradino challenged claim; no monetary amounts stated in complaint; settlement dated 03/14/18 (payments for Corradino: \$29,280.00); Joint Stipulation of Dismissal with Prejudice, 05/24/18.
- Phyllis Simon, Plaintiff, v. The Corradino Group, Inc., et al., Defendants; Case #CACE-15-001420 (3); in the 17th Judicial Circuit, Broward County, FL; filed 01/23/15; Count IX against Corradino for negligence in maintaining highway in safe condition resulting in bodily injury. Project: CEI services, I-595 from Sawgrass Expwy. to I-595/I-95, Broward Co., FL. Settlement (\$10,000 litigation avoidance/nuisance payment by Corradino) was signed by all Parties on 10/25/16, and General Release was signed on 11/17/16. Final Order of Dismissal with Prejudice, 12/28/16.
- Rita Genovese, individually, and as Personal Representative of the estate of Michael A. Genovese, Plaintiff, v. The Corradino Group, Inc., et al., Defendants; Case #2013-CA-002467; in the 19th Judicial Circuit, Saint Lucie County, FL; Amended Complaint filed 08/11/14; Count IX against Corradino for negligence in maintaining highway in safe condition resulting in death of Michael A. Genovese. Project: CEI services, SR-713 (Kings Hwy.) near CR-68 (Orange Ave.). Corradino challenged claim; no monetary amounts stated in Complaint; Plaintiff voluntarily dismissed this action as to Corradino only, with prejudice; filed in Court, 09/02/15.

There is no other pending or previous litigation in the past ten years.



TAB 4

PROFESSIONAL REGISTRATION CERTIFICATES

TAB 4

THE CORRADINO GROUP
RFQ #2024-1-PW



Licensee

Name:	THE CORRADINO GROUP, INC.	License Number:	7665
Rank:	Registry	License Expiration Date:	
Primary Status:	Current	Original License Date:	03/07/1997

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
36146	Current, Active	PEREZ DE MORALES, EDUARDO	Registry		Professional Engineer	02/28/2025

State of Florida Department of State

I certify from the records of this office that THE CORRADINO GROUP, INC. is a Kentucky corporation authorized to transact business in the State of Florida, qualified on January 13, 1997.

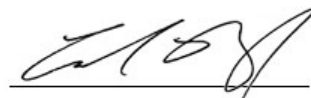
The document number of this corporation is F97000000207.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 14, 2025, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Fourteenth day of January,
2025*




Secretary of State

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BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829

VALID OCTOBER 1, 2024 THROUGH SEPTEMBER 30, 2025

Business Name: CARR SMITH CORRADINO

Receipt #: 315-598
Business Type: ENGINEER (CONSULTING ENGINEERS)

Owner Name: THE CORRADINO GROUP INC

Business Opened: 06/06/1994

Business Location: 5200 NW 33 AVE 203
FT LAUDERDALE

State/County/Cert/Reg:
Exemption Code:

Business Phone: 954-777-0044

Rooms **Seats** **Employees** **Machines** **Professionals**

8

For Vending Business Only						
Number of Machines:			Vending Type:			
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
37.50	0.00	0.00	0.00	0.00	0.00	37.50

Receipt Fee 37.50
Packing/Processing/Canning Employees 0.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT

WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:

THE CORRADINO GROUP INC
5200 NW 33 AVE STE 203
FORT LAUDERDALE, FL 33309

Receipt # WWW-23-00282184
Paid 08/22/2024 37.50



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.: **LB6680**

Expiration Date February 28, 2025

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

MILLER LEGG & ASSOCIATES INC
5747 N ANDREWS WAY
FORT LAUDERDALE, FL 33309-2364

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.

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dbpr Department of Business
& Professional Regulation

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9:34:51 AM 1/3/2025

Data Contained In Search Results Is Current As Of 01/03/2025 07:23 AM.

Search Results - 4 Records

Please see our [glossary of terms](#) for an explanation of the license status shown in these search results.

For additional information, including any complaints or discipline, click on the name.

License Type	Name	Name Type	License Number/Rank	Status/Expires
Engineering Business Registry	MILLER LEGG	DBA	7318 Registry	Current
Main Address*: 13680 NW 5TH STREET SUNRISE, FL 33325 Mailing Address*: 13680 NW 5TH STREET SUNRISE, FL 33325				
Registered Landscape Architect	MILLER LEGG & ASSOCIATES INC	DBA	LA0001336 Landscape Arc	Current, Active 11/30/2025
Main Address*: 1297 TERRY STONE COURT WESTON, FL 33326				
Landscape Architecture Business Information	MILLER LEGG & ASSOCIATES INC	Primary	Business Info	Current, Active
Main Address*: 5747 N ANDREWS WAY FORT LAUDERDALE, FL 33309				
Engineering Business Registry	MILLER, LEGG & ASSOCIATES, INC.	Primary	7318 Registry	Current
Main Address*: 13680 NW 5TH STREET SUNRISE, FL 33325 Mailing Address*: 13680 NW 5TH STREET SUNRISE, FL 33325				

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* denotes

Main Address - This address is the Primary Address on file.

Mailing Address - This is the address where the mail associated with a particular license will be sent (if different from the Main or License Location addresses).

License Location Address - This is the address where the place of business is physically located.

2601 Blair Stone Road, Tallahassee FL 32399 :: Email: [Customer Contact Center](#) :: Customer Contact Center: 850.487.1395

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State of Florida Department of State

I certify from the records of this office that MILLER, LEGG & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on March 15, 1995.


The document number of this corporation is P95000021117.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 2, 2025, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Second day of January, 2025*




Secretary of State

Tracking Number: 0128942733CC

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LICENSEE DETAILS

9:20:26 AM 6/11/2024

Licensee Information

Name: **AREHNA ENGINEERING, INC. (Primary Name)**
 Main Address: **5012 W. LEMON STREET
 TAMPA Florida 33609**
 County: **HILLSBOROUGH**

License Information

License Type: **Engineering Business Registry**
 Rank: **Registry**
 License Number: **28410**
 Status: **Current**
 Licensure Date: **02/19/2009**
 Expires:

State of Florida Department of State

I certify from the records of this office that AREHNA ENGINEERING INC. is a corporation organized under the laws of the State of Florida, filed on December 24, 2008, effective January 1, 2009.


The document number of this corporation is P08000110763.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 2, 2025, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Second day of January, 2025*




 Secretary of State

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[AB&T Delinquent Invoice & Activity List Search](#)

LICENSEE DETAILS

11:42:56 AM 7/26/2023

Licensee Information

Name: **CTS ENGINEERING, INC. (Primary Name)**
Main Address: **3230 W COMMERCIAL BLVD
SUITE 220
FORT LAUDERDALE Florida 33309**
County: **BROWARD**

License Information

License Type: **Engineering Business Registry**
Rank: **Registry**
License Number: **28935**
Status: **Current**
Licensure Date: **12/28/2009**
Expires:

Florida UCP DBE Directory

Number of Records Returned: 1

Selection Criteria:

Vendor : CTS ENGINEERING INC

Vendor Name: [CTS ENGINEERING INC](#)

DBE Certification: CERTIFIED

MBE Certification: Certified

DBA:

Former Name:

Business Description: TRANSPORTATION PLANNING/TRAFFIC ENGINEERING/AND TRAFFIC DATA COLLECTION

Mailing AddressJ: 8095 NW 12TH ST STE 315
DORAL, FL 33126-

Contact Name: SHENG YANG

Phone: (305) 599-8698

Fax: (305) 599-8692

Email: SYANG@CTSEINC.COM

ACDBE Status: N

Statewide Availability: N

Certified NAICS

541330 Engineering Services

541690 Other Scientific and Technical Consulting Services



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.: **LB8439**

Expiration Date February 28, 2025

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

CTS ENGINEERING, INC.
3230 WEST COMMERCIAL BOULEVARD, SUITE 220
FORT LAUDERDALE, FL 33309

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.



State of Florida Department of State

I certify from the records of this office that CTS ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on October 8, 2009.

The document number of this corporation is P09000083589.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 3, 2025, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Third day of January, 2025*




Secretary of State

Tracking Number: 0080014126CC

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

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

State of Florida

Minority Business Certification

CTS Engineering, Inc

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:
05/31/2024 to 05/31/2026


Pedro Allende
Florida Department of Management Services



Office of Supplier Diversity
4050 Esplanade Way, Suite 380
Tallahassee, FL 32399
850-487-0915
www.dms.myflorida.com/osd

**2025 FLORIDA PROFIT CORPORATION ANNUAL REPORT**

DOCUMENT# P09000083589

Entity Name: CTS ENGINEERING, INC.**Current Principal Place of Business:**3230 WEST COMMERCIAL BLVD, SUITE 220
FORT LAUDERDALE, FL 33309**Current Mailing Address:**3230 WEST COMMERCIAL BLVD, SUITE 220
FORT LAUDERDALE, FL 33309 US**FEI Number:** 27-1089334**Certificate of Status Desired:** Yes**Name and Address of Current Registered Agent:**YANG, SHENG
8095 NW 12 STREET
SUITE 301
DORAL, FL 33126 US*The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.***SIGNATURE:**

Electronic Signature of Registered Agent

Date

Officer/Director Detail :

Title	P
Name	YANG, SHENG
Address	3230 WEST COMMERCIAL BLVD, SUITE 220
City-State-Zip:	FORT LAUDERDALE FL 33309

Title	D
Name	YANG, SHENG
Address	3230 WEST COMMERCIAL BLVD, SUITE 220
City-State-Zip:	FORT LAUDERDALE FL 33309

Title	SURVEY MANAGER
Name	DOLL, PAUL E.
Address	3230 WEST COMMERCIAL BLVD, SUITE 220
City-State-Zip:	FORT LAUDERDALE FL 33309

I hereby certify that the information indicated on this report or supplemental report is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an officer or director of the corporation or the receiver or trustee empowered to execute this report as required by Chapter 607, Florida Statutes; and that my name appears above, or on an attachment with all other like empowered.

SIGNATURE: SHENG YANG

PRESIDENT

01/03/2025

Electronic Signature of Signing Officer/Director Detail

Date



2024 - 2025

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829

VALID OCTOBER 1, 2024 THROUGH SEPTEMBER 30, 2025**Business Name:** CTS ENGINEERING INC**Receipt #:** 315-274845
Business Type: ENGINEER**Owner Name:** SHENG YANG**Business Opened:** 02/03/2016**Business Location:** 3230 W COMMERCIAL BLD STE 220
FT LAUDERDALE**State/County/Cert/Reg:****Exemption Code:****Business Phone:** 3058907198

Rooms

Seats

Employees

Machines

Professionals

35

Signature

For Vending Business Only

Number of Machines:

Vending Type:

Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
45.00	0.00	0.00	0.00	0.00	0.00	45.00

Receipt #WWW-23-00268059

Paid 07/09/2024 45.00



TAB 5

APPROACH TO HANDLING OF POTENTIAL PROJECTS

THE CORRADINO GROUP
RFQ #2024-1-PW



UNDERSTANDING OF CITY NEEDS



Corradino deeply understands the city's needs and understands the services outlined in this RFQ. It is also knowledgeable about the city's long history of nearly 75 years as one of South Florida's special cities. Cooper City was founded by Morris Cooper in 1959 to bring people to a new area "in the Everglades." Today, the city has grown into a highly desirable, diverse residential community sought after by families of all ages. The city, known as "Someplace Special," is adorned by tree-lined streets, outstanding parks, and recreation programs. It also takes great pride in its superior schools. This RFQ is searching for professional consultants to provide various engineering services (disciplines) through continuing services contracts. These pre-qualified and selected consultants will be available to the various city departments to choose from when a project is identified, such as those listed on Exhibit "C" – Capital Improvement Program FY2024 - FY2028. This RFQ includes the following key disciplines:

- Engineering
- Architecture
- Electrical/ Automation Engineering
- Right-of-way and Traffic Engineering
- Construction Engineering
- Civil Engineering
- Environmental Permitting and Engineering
- Preparation of Plans and Specifications
- Construction Management
- Construction Inspection Engineering
- Design and Construction Supervision and Administration
- Engineering Plan Review
- Geographic Information Systems (GIS) for engineering, utilities, and development services

The Corradino Team is specifically pursuing the following three Engineering Disciplines:

- Civil Engineering
- Transportation/Transit
- Other Services

In 2022, the City of Cooper City finalized its first strategic plan, the roadmap the city can use to carry out strategic priorities from 2022-2027. This includes the following key strategic priorities:

1. Financially sustain Cooper City as "Someplace Special" by increasing the city's financial strength through innovative thoughts and actions while being mindful of the fiscal impact on residents.
2. Provide proactive public safety through a commitment to professional services and innovative processes so residents' quality of life and well-being is continually improved.
3. Establish "a strong sense of place" by creating unique spaces that foster community pride and increase social interaction and commercial marketability. The purpose is to improve economic stability, increase property values, and impact the memories of Cooper City residents.
4. Maintain and improve the city's infrastructure and appearance to support and ensure a sustainable and beautiful environment.



PROJECT MANAGEMENT & OVERALL APPROACH & METHODOLOGY

Our approach combines outstanding leadership and experienced personnel with a record of success in contract administration on similar on-call continuing services contracts. Our key management staff for this project utilizes the expertise and experience of our Project Manager, Eric Czerniejewski, PE ENV SP, combined with the strong



support of lead experts in each of the varying disciplines. As the overall project manager, Eric will ensure that resources are used most effectively and efficiently and will be the primary liaison with the city throughout the contract. Eric will utilize his background as a licensed professional engineer and extensive experience planning, designing, and constructing municipal projects to ensure successful work authorization projects. Corradino has excellent support and specialty staff for the many facets of this contract (i.e., roadway design engineers, signal retiming engineers, signal design engineers, structural engineers, PD&E and modeling experts, etc.). These key individuals have worked together on hundreds of studies and infrastructure design projects and will work together to handle all aspects of contract administration for this contract. The project manager and discipline lead will establish the scope of work and the associated fees and costs for the city's review and approval. The project manager is also responsible for establishing the timeline and assigning tasks to the staff members. Each work authorization will accompany a schedule and budget for the City's review and approval.

Task Work Order Assignments

Corradino's general approach to design development and construction-related projects is outlined below. Although the design requirements, procedures, and engineering products may vary from one project type to another, Corradino adheres to a standardized project approach that provides a timely and cost-effective design solution for each task authorization. Corradino's experience with similar continuing professional services contracts enables our Team of professionals to maintain multiple short, overlapping project schedules on simultaneous assignments while efficiently providing the required engineering services. Variations will occur depending on the requirements of a specific task work order assignment. Our team's experience within South Florida demonstrates how our process ensures proper coordination of each task work order assignment. This experience gives us an unparalleled familiarity with the required methods and the opportunity to utilize lessons learned and proven procedures to develop a set of contract documents that will be functional, cost-effective, biddable, constructible, and maintainable.

Coordination with Other Disciplines: Although this Continuing Services contract does not include all disciplines, there will be task work order assignments where collaboration with consultants in various other disciplines will be needed. Coordination and communication with these other city consultants will remain a priority from the beginning of each issued task work order through the delivery of the final product. We will host kick-off meetings, weekly team meetings, and project management meetings and hold additional opportunities for project issues to be resolved/discussed.

Project Scoping and Fee: Upon receiving notification of a potential project, Corradino's project manager will meet with the city's project manager to determine the project scope, schedule, budget, and other requirements. The proposed scope will be utilized to document the improvements in the project and identify elements that are not included. Any needed edits to the scope will be expeditiously resolved between Corradino and the city, and the scope will then be utilized to determine the necessary man-hours and staff requirements for the project. The scope will also be used to evaluate the current project schedule. The finalized man-hours, scope, and updated schedule will then be sent to the city's project manager for review. Corradino understands the value of promptly getting the proposed fee estimates to the county to allow plenty of review time before contract execution. This allows for the timely execution of the task. With the execution of the task work order proposal, we will immediately get to work.

Schedule: As with our prior and current on-call task work order-based contracts, Corradino will focus on schedule, constant communication, quality control, and cost controls to ensure responsive and quality services. Monthly progress meetings will be held to discuss all work assignments, status, project issues, and action items. We will document all meetings with meeting minutes and distribute them to all involved agencies and stakeholders. Corradino understands the quality, cost-effectiveness, and time requirements that the city expects and is familiar with the format in which it prefers its information. Essentially, we have eliminated the learning curve and will be able to provide a product that meets or exceeds the city's requirements in the format desired. Corradino recognizes that a schedule is designed to help the consultant team and the city coordinate their resources for reviewing submittals and reporting to other city staff and departments. Corradino prioritizes meeting milestone dates, review dates, and final submittal dates. A sample version of a project delivery timeline has been provided for a possible corridor traffic study task work order. It depicts the typical steps taken to execute a task work order assignment. This scheduling timeline illustrates the Corradino Team's methodology for effectively managing and implementing the scope of work in optimum time.





PROJECT SCHEDULE: CITY OF COOPER CITY CONTINUING PROFESSIONAL SERVICES													
MONTHS FROM NTP													
Task	Task Name	1	2	3	4	5	6	7	8	9	10	11	12
1	Meetings and Project Management												
	Kickoff Meeting with City												
	Methodology Meeting with Stakeholders												
	Other Stakeholder Meetings and Presentations												
2	Confirmation of Study Area Network												
	Traffic Methodology Memo												
3	Traffic Data Collection												
	Corridor Traffic Count Data Balancing												
4	Corridor Crash Review and Analysis												
5	Pedestrian Crossing Analysis/Multimodal Review												
	Network Crash Screening/Speed Data Review/Mobility												
6	Synchro Existing Traffic Operational Analysis												
7	Traffic Signal Retiming Analysis												
	Travel Time and Delay Arterial Analysis												
8	Technical Report and Recommendations												
	Revisions per Agency Stakeholder Review												
9	Optional Services												

Project Commencement/Kick-off Meeting: All task work orders will begin with a Project Kickoff Meeting, during which the Corradino project manager and discipline lead will meet with the appropriate staff. The project manager will then assemble the project team required for the task.

The project's tasks will be outlined at the "kick-off meeting." The team will be introduced to the scope, budget, and timeline, and the leader will define the various elements of the project and the quality control/quality assurance requirements at this meeting. The contract manager will regularly review the project's status to ensure that Corradino meets the project's schedule and budgetary requirements as initially defined and update the client on the project's progress.

Fieldwork: For work orders involving the analysis of existing conditions, the design of proposed improvements, or management of ongoing work, Corradino will perform a site field review. Depending on the nature of the work order, the field visit may include observations of the site, traffic data collection, topographical survey, drainage issues, ADA concerns, environmental impacts, ROW concerns, utilities, and other key items. This will help validate the scope of work and create a mutual understanding of the project and concurrence on the scope of the improvements.

Utility Coordination: For any work order that involves designing, reviewing, or managing proposed improvements, Corradino will coordinate with the various utility companies to determine the location of existing and future planned utilities. In specific projects, coordination will also be required with Miller Legg to complete the SUE investigation. This data will be included in any right-of-way and design survey and used throughout the design, review, and project management process.

Stakeholder Input: Depending on the specific project, it may be desirable to engage and include stakeholder input early in the process to obtain buy-in from those individuals most impacted by the project. Schematics, aerial images, and renderings allow for input on the plan to meet the needs and requests made by stakeholders. When requested, Corradino can also utilize our interactive resident voting devices to obtain quick and practical input from residents. Preparation of Preliminary Deliverables: Corradino will prepare preliminary plans and technical memorandums. These documents and specifications may include the following items as needed:

- Preliminary site plans;
- Preliminary planting plans;
- Preliminary building plans;



- Preliminary roadway and drainage design plans;
- Detailed drainage analysis;
- Intersection lane analysis;
- Recommended typical cross section(s) for proposed roadway improvements;
- Layout of signalization improvements; and
- Preliminary structural analysis and plans.

These documents and specifications will be submitted to the City for review, comment, and approval.

Plans/Deliverables: Corradino will meet with city representatives to get comments on the preliminary submittals. Following the meeting, our team will prepare a written response to the design comments, make appropriate changes, and continue to the 60% and 90% completion levels. The 60% and 90% design documents will be submitted to the city for review, comment, and approval. **Permitting:** After receiving the city's input on the 30% drawings, Corradino will conduct preliminary meetings with the Agencies Having Jurisdiction. After the city has reviewed and approved the 60% plans, permit applications will be made to the appropriate agencies. Corradino will utilize our long-term relationships with the staff at these agencies to follow up and expedite all permit approvals.

Preparation of Final Plans/Deliverables: Corradino will meet with city representatives to receive their comments on the 90% plans submittal. Following the meeting, Corradino will prepare a written response to comments, make appropriate revisions, and complete the preparation of the deliverables as defined by each work order to include:

- Contract documents;
- Technical specifications;
- Bidding documents; and
- Final construction plans are according to city standards.

These plans, specifications, and bid documents can be used to solicit competitive bids for construction.

Preparation of Opinion of Probable Costs: The importance of developing accurate construction cost estimates cannot be overstated. Estimates must be prepared to verify and adjust the city's budget. It is also essential that these cost estimates account for all possible construction elements and reflect the conditions of the current construction market. Corradino will develop cost estimates for the city at every phase submittal

and when required by the city's project manager. Corradino is familiar with the FDOT Historical Item Average Cost Reports, which report the weighted average unit costs for the construction bid items per market area. Broward County is FDOT Market Area 12, and the Statewide Moving Average Costs will be considered when developing the opinions of probable costs per project. The format in which these opinions of probable costs need to be summarized is based on the funding for each construction project. Specific requirements for certain grant funding will be followed as necessary.

Bidding/Award/Notice to Proceed: When the scope of work requires a competitive bid process, Corradino will assist the city with the bid management process to include:

- Advertisement;
- Pre-bid meeting;
- Response to bidders' questions;
- Preparation and issuance of addenda;
- Evaluation of bids; and
- Prepare a recommendation for the award of the construction contract.

Post-Design Services: Corradino is committed to each project until construction is complete and will respond to any post-design services needed by the city. Once all tasks have been completed, the project manager will work with the city's representative to close the work order, including the punch list process and all required grant applications and open permits.

		Florida Department of Transportation Item Average Unit Cost From 2023/10/01 to 2024/09/30 Statewide			
		Contract Type: CC Displaying: ITEMS WITH HITS From: 0102 1 To: 9999999			

Item	No. of Cmts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0327 70 2	37	\$4.21	\$5,418,340.99	1,286,450.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 3 1/2" AVG DEPTH
0327 70 3	12	\$6.82	\$374,960.79	54,944.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 4 1/2" AVG DEPTH
0327 70 4	75	\$3.74	\$9,819,076.91	2,626,685.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH
0327 70 5	52	\$3.58	\$7,002,847.89	1,956,108.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 2" AVG DEPTH
0327 70 6	176	\$3.83	\$19,603,405.62	5,122,696.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH
0327 70 7	19	\$4.50	\$2,720,155.99	604,785.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 4" AVG DEPTH
0327 70 8	35	\$3.73	\$6,534,414.72	1,752,508.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 2 1/2" AVG DEPTH
0327 70 9	4	\$10.74	\$36,275.80	3,378.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 5 1/4" AVG DEPTH
0327 70 10	2	\$3.66	\$128,660.60	35,144.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 5" AVG DEPTH
0327 70 11	43	\$3.30	\$8,388,052.96	2,539,831.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 2 1/4" AVG DEPTH
0327 70 12	30	\$2.20	\$2,609,938.17	1,184,298.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 1 1/4" AVG DEPTH
0327 70 13	13	\$2.69	\$1,247,467.82	463,950.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 1 3/4" AVG DEPTH
0327 70 15	17	\$3.35	\$4,669,010.09	1,394,329.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 2 3/4" AVG DEPTH
0327 70 16	11	\$2.44	\$475,013.46	195,062.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 1/2" AVG DEPTH
0327 70 17	14	\$4.11	\$3,413,550.79	830,473.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 3 1/4" AVG DEPTH
0327 70 18	4	\$29.56	\$87,772.41	2,969.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 5 1/2" AVG DEPTH
0327 70 19	30	\$3.58	\$1,034,740.78	289,259.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 3/4" AVG DEPTH
0327 70 20	21	\$4.34	\$4,923,692.73	1,133,661.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 3 3/4" AVG DEPTH
0327 70 21	2	\$10.66	\$127,577.35	11,966.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 7" AVG DEPTH
0327 70 22	4	\$4.50	\$312,566.20	69,490.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 4 1/4" AVG DEPTH
0327 70 23	3	\$12.93	\$34,946.13	2,703.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 6" AVG DEPTH

10/28/2024

Page: 7



Communication Methods

Corradino can provide in-house support staff as necessary. Corradino staff will be equipped with the required technology resources, including a laptop computer, tablet, cell phone, and other available communication methods to provide services efficiently. Cross-communication between the city staff, the in-house support staff, and the consultant will be through regular face-to-face meetings, conference calls, email correspondence, and other standard methods of communication. The City of Cooper City can contact the project manager/single point of contact and the principal in charge directly on their cell phones.

Quality Assurance/Quality Control Process

In the contemporary professional engineering services industry, high levels of success can be attained through interdisciplinary work. Corradino values bringing multiple disciplines together and working collectively, as each brings a unique and distinct set of tools and approaches. Nurturing this idea creates a dynamic process involving various professionals with complementary backgrounds and skills, sharing common goals and focused efforts. Corradino feels a high level of value is accomplished through interdependent collaboration, open communication, and shared decision-making. This, in turn, generates excellent projects. Our collaborative efforts with professionals from other disciplines allow us to deliver the best of the best to every task work order authorization we take on.



Additionally, Corradino takes great pride in quality control and ensures that all deliverables undergo its rigorous quality control procedure. This procedure is distributed to all staff working on the contract, who employ the same method when developing all deliverables before submission to Corradino's QA/QC Manager for final review before submission to the city.

Corradino's Quality Control Process

Corradino's Project Manager, Eric Czerniejewski, will define the various elements of the project and describe the quality control/quality assurance program. The team is committed to meeting project peer review deadlines to continue their review schedule. They have also seen the long-term budget for these services and are committed to meeting them.

Corradino's core philosophy is to provide practical solutions to the most complex engineering problems on time, within budget, and at the highest quality. Corradino understands the demands of today's government, and our approach has been to ensure that we comprehend our client's goals and provide options on how to achieve them efficiently and effectively.



Corradino maintains an excellent track record of satisfied clients, staff utilization goals, and projects completed on time and within budget. At the start of every month, the project manager receives an "effort detail sheet" showing the percentage of work, budget, and time completed. The project manager reviews this with the Firm's accounting department as a second level of quality control.

Total Quality Assurance/Quality Control is maintained during all aspects of our projects. Our project approach, outstanding team members, Florida experience, design, construction, and value engineering expertise on numerous Florida roadway reconstruction, streetscape, drainage, Planning, traffic, and CEI projects, and our working relationship with the regulatory agencies will be the most cost effective and provide the most experienced team for



the City of Cooper City based on the following:

- We offer streamlined operations to implement projects efficiently.
- We are experienced in meeting schedules for fast-track projects.
- Our understanding of the local regulatory environment and our team members already have working relationships with permit reviewers to ensure timely releases and certifications for construction.

We maintain the continuity of project staff throughout the project.

- We are readily accessible to serve you at a moment's notice.
- We offer a public communication program during all aspects of a project, including construction.
- We get the job done right "the first time"!

We have a five-step QC process for all deliverables. It is dynamic as we continually look for methods to improve quality. A constructability peer review by one of our independent construction engineering and inspection teams for any design is an example of a process recently implemented under our QC procedure. All submittals will be subjected to a "final plans review" by our independent quality control team leader, Mike Ciscar, PE, utilizing the knowledge and insight he has gained from performing reviews on similar contracts. In addition to the QC of every deliverable, our plan includes meeting with city staff regularly to evaluate our staff's performance. This allows us to identify issues early and take appropriate corrective measures. A detailed explanation of our five-step process is as follows:

Willingness to Meet Time and Budget

Corradino is committed to providing the City of Cooper City with a high-quality team of professionals with the technical expertise and experience to deliver the proposed scope of services efficiently. We are committed to meeting the City of Cooper City schedule and budget requirements for each task work order assignment under this on-call Continuing Professional Services Contract.

As you can see in our provided organizational chart, we have extensive staffing support and depth for each of the services requested as part of Cooper City RFQ #2024-1-PW. We have provided a detailed availability matrix that depicts the current workload and availability of the key staff on this Contract. We are committed to ensuring that this on-call Continuing Professional contract fits into our workload and that we are always available to serve the city. The below Workload Availability is for Corradino staff.

Eric Czerniejewski, PE, ENV SP, the project manager, will assign the most qualified and dependable staff to carry out the work required under each task work order. Schedules will be prepared and tracked in Microsoft Project. The budget will be entered and tracked through Corradino's accounting software, which provides real-time feedback to the project manager regarding the progress of the project's expenditures against the budget.

At the kickoff meeting for each task work order, the scope of work will be discussed, including the detailed scope, budget, timeline, and critical path milestones. Effective schedule management includes responding to the changing needs and requirements of the project and adjusting to maintain a workable and achievable schedule. The schedule will be

Step	Description	Owner
1. Ready for review	A work product is considered "production complete."	Originator/lead technical professional
2. Review	An independent review of all work products is performed to ensure accuracy, completeness, and conformance to the applicable design standards and requirements.	Independent reviewer
3. Resolve comments	Lead technical professional and independent reviewer to resolve each comment: 1) accepted, 2) addressed in a future submittal, or 3) rejected.	Lead technical professional
4. Changes made	Changes made to address comments are incorporated into the design, resulting in an updated "clean copy" of the work product.	Originator/lead technical professional
5. Verify changes made	Reviewing the "clean copy" determines that the changes made to the work product are "verified."	Independent reviewer
5a. QA certified	Independent verification ensures the QC process is complete, resulting in the work product obtaining QA certification.	Project quality manger



THE CORRADINO GROUP, INC. CURRENT KEY PROJECTS

PROJECT NAME	CLIENT	STATUS	TIMEFRAME TO COMPLETION
401 NE 29th Street TIS	City of Miami	Ongoing- 75%	60 Days
Palm Beach Synagogue	Town of Palm Beach	Ongoing- 25%	60 Days
100 Four Arts Redevelopment	Town of Palm Beach	Ongoing- 90%	60 Days
Broward County Intersection Prioritization	Broward County/CTS	Ongoing- 25%	90 Days
Quiet Zone Support Services	City of Miami	Ongoing- 15%	120 Days
I-95 PD&E County Line to N of Griffin Road	FDOT	Ongoing- 50%	90 Days
City of Hialeah Master Plan 2050 Traffic Analysis	City of Hialeah	Ongoing- 50%	90 Days

reviewed monthly, and all team members and discipline managers will be notified of any adjustments to ensure all schedule requirements are met. Regular coordination must be maintained with all discipline managers to keep the project on track. Corradino has an excellent track record of completing projects within established budgets.

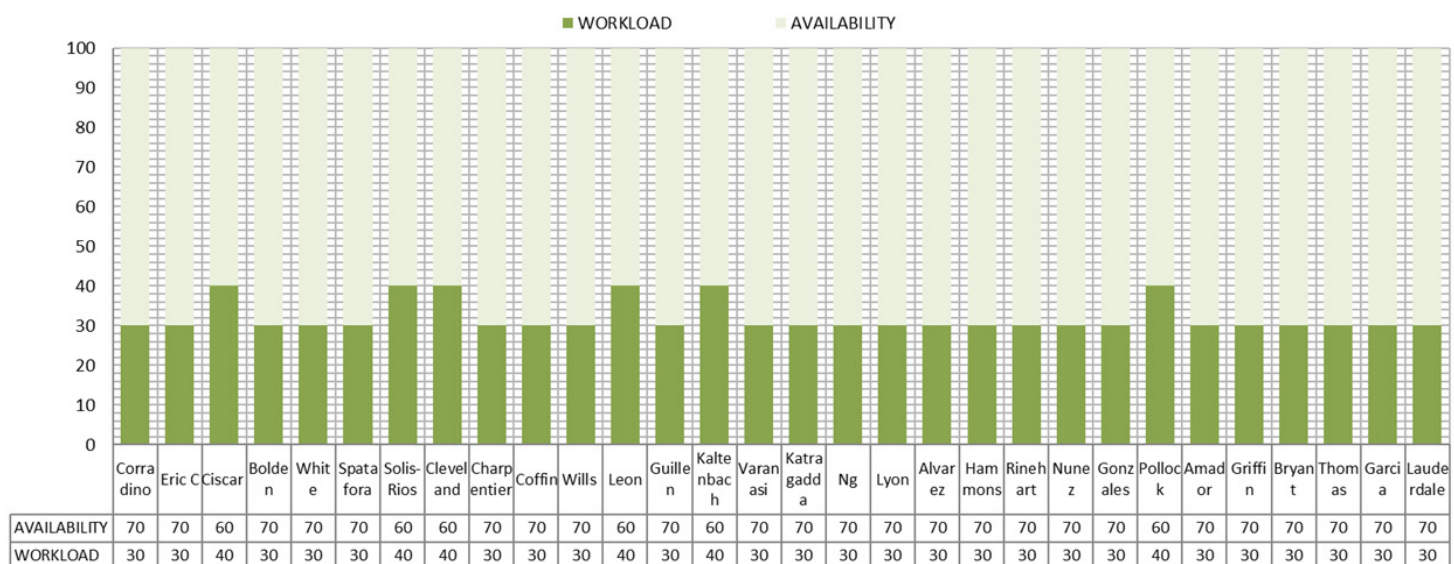
The ability to control project costs throughout the work process results from a solid commitment to do so, a thorough understanding of the scope, and incorporating this understanding into all tasks. Strong communication and the use of experienced personnel are two effective cost-control mechanisms. A professional and knowledgeable team is essential to maintain the project schedule, realize potential cost reductions, minimize construction impacts, and gain public support. Corradino has tailored the staff

for this project to present a team with a demonstrated ability to facilitate production, maintain excellent design and construction documentation, and provide outstanding contract administration services, including schedule analysis, estimating, and phase submittal review coordination.

Workload

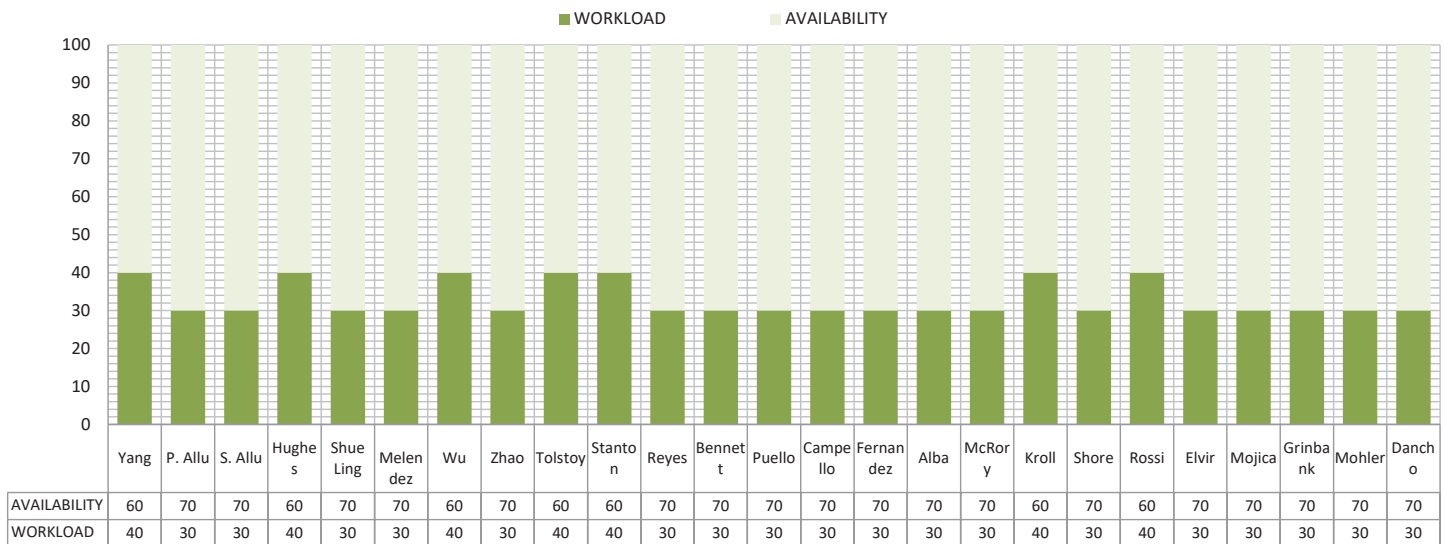
Some of Corradino's more significant projects, such as the I-95 PD&E study, are progressing and will be far along when this contract is ready to begin. Please reference the essential project list, which includes a summary of current projects and the anticipated completion timelines. Corradino is committed to meeting the time and budget for this contract and is available and ready to start work. Under this contract, Corradino can service the City of Cooper City.

Workload Availability - Corradino Staff





Workload Availability - Subconsultant Staff



Technology & Equipment

During this contract, the Corradino Team will have the necessary facilities and up-to-date technologies to serve the city. This includes the technology necessary to complete all assigned task work orders issued under this Contract. Corradino will utilize the following software and hardware technology:

- Autodesk AutoCAD Civil 3D Modeling, Building Information Modeling (BIM)
- MicroStation Bentley Suite
- AutoTURN
- Synchro 12 Studio plus SimTraffic
- ArcGIS
- Primavera and Microsoft Project
- Highway Capacity Software (HCS)
- Signal Four Analytics
- CORSIM
- TransCAD
- Aerial Unmanned Aircraft (Drones)
- Sketch-up
- Lumion
- Adobe Creative Suite (Photoshop, Illustrator, InDesign, Premiere, etc.)
- Bluebeam
- Microsoft Suite (Word, Excel, Powerpoint, Project Scheduler)

TRAFFIC & TRANSPORTATION STUDIES

Traffic Impact Studies

Corradino understands the traffic impact study methodology for determining a development or redevelopment's traffic

impact on the City of Cooper City's transportation network. One of the critical outcomes of a traffic impact study is to calculate the projected demand of a proposed project described in an application for development approval on public facilities and services to determine whether a certificate of transportation concurrency should be issued. Corradino's approach to evaluating a development's traffic impact will follow the following key steps.

Traffic Impact Study Methodology Meeting

Corradino will attend a joint meeting with the City of Cooper City and the applicant team to discuss the proposed development/redevelopment plan. A traffic impact study (TIS) methodology will be prepared, codifying the proposed methods addressed in the methodology meeting. The peak periods to be analyzed will typically be established during peak hours (AM and PM). The formal methodology memorandum must be agreed upon before the study is completed. The purpose of the Methodology Statement is to establish methodologies and assumptions before the start of the study. Studies of traffic affecting state and county facilities will be reviewed by their representatives in addition to the city. Corradino will ensure that the TIS is not prepared or submitted without an approved Methodology Statement signed by a city representative.

TIS Study Area/Project Limits

Corradino will define the proposed TIS study area and project limits. The limits of the adjacent roadway network will be defined as the roadway segments impacted by the project traffic equaling at least 4.5 percent of level of service "D" peak-hour service volume. The generalized peak hour



volumes and two-way tables of the Florida Department of Transportation (FDOT) 2023 Quality/Multimodal Level of Service Handbook will determine the peak hour service volume. The study area should include the road segment to which the development makes its first connection and, moving outward, all subsequent road segments that meet the two-way peak-hour service volume for the adopted LOS standard. The intersections that are part of the impacted roadways must also be analyzed. Upon request by the city, the consultant shall conduct a more extensive study area than defined when the city determines that the land uses of the proposed project or conditions of the road network warrant a more comprehensive study area. The TIS study area and project limits will be defined in a Figure in the TIS.

Trip Generation Calculations

Trips to/from the site shall be estimated using the latest Institute of Transportation Engineers (ITE) Trip Generation Manual. Sufficient information about the different uses should be provided to explain the land use codes used (e.g., Indicate the number of stories in a multi-family structure to justify the choice of low-rise, mid-rise, or high-rise multi-family land use codes). Use of the manual's information (e.g., Choice of average rate or equations) should follow the guidance provided in the latest ITE Trip Generation Handbook (chapters 3 and 4 in the 3rd ed.). Use of rates other than ITE should be supported by trip generation data ideally collected from at least two similar sites within Broward County. The method of collecting the trip generation data should follow the guidance in the latest edition of the ITE Trip Generation Handbook (Chapter 9 in the 3rd ed.). To estimate the net new trips from a project, vested trips and trips from existing use, if any, should be

subtracted from the total trip generation potential of the proposed project. However, trip reduction for existing land use will be permissible only if the site was operational within the last twelve months. For access management analysis, the total trips (prior vested plus additional, new trips) should be analyzed at site access and connection points to the road network.

Internal capture estimates shall be based on methodologies in the latest ITE Trip Generation Handbook (chapter 6 in the 3rd ed.). The handbook currently contains internal capture rate limits for six classes of land uses (residential, retail, restaurant, etc.). In a multi-use site with distinct uses that warrant separate ITE land use codes but belong to the same class, the trip capture calculation should be performed on the sum of their estimated trips as a group (e.g., add all the single-family and multi-family residential trip generation together and treat the sum as a single residential use for internal capture).

Following the internal capture calculation, the total gross external trips of the project traffic for some land uses may be reduced by a pass-by capture rate to account for traffic already traveling on the adjacent roadway. The only land uses for which this reduction can be applied are those with pass-by capture data published in the latest edition of the ITE Trip Generation Handbook (chapter 10 in the 3rd ed.), and only for the periods (daily, AM, PM) for which rates are published. The average rate for the studied sites should be used for each land use. The split of pass-by traffic into entering and exiting components should be the same as the enter/exit split of the gross external trips, not 50/50. The split of pass-by traffic from the two directions on the roadway should be consistent with the directional split



ITE LAND USE CODE	DESCRIPTION	UNIT	TOTAL UNITS	TOTAL TRIPS			ENTERING		EXITING	
				AM Peak	PM Peak	Daily	AM Peak	PM Peak	AM Peak	PM Peak
Existing										
220	Multifamily Housing (Low-Rise)	DU	22	30	30	148	7	19	23	11
Multimodal Reduction 6.6%				2	2	10	0	1	2	1
Net Existing Trips				28	28	138	7	18	21	10
Proposed										
222	Multifamily Housing (High-Rise)	DU	324	90	107	1595	23	67	67	40
822	Strip Retail Plaza <40K	1000 SF	17	41	113	947	25	57	16	56
Base Trips				131	220	2542	48	124	83	96
Multimodal Reduction 6.6%				9	15	168	3	8	5	6
Gross Vehicular Trips				122	205	2374	45	116	78	90
Internalization (1.6% AM, 18.4% PM & 10% Daily)				2	38	238	1	21	1	17
External Vehicular Trips				120	168	2136	44	95	77	73
Pass-By (0% AM, 40% PM, 20% Daily) For LUC 822 Only *				0	35	159	0	18	0	17
External Project Traffic				120	133	1977	44	77	77	56
Net External Trips (Proposed - Existing)				92	105	1839	37	59	56	46
LUC 220: Daily Trip Generation = 6.74 (22) (Average Rate) ITE 11th Edition page 254										
LUC 220: AM Peak Hour Trip Generation T= 0.31(22) + 22.85 (Fitted Equation) ITE 11th Edition page 255										
LUC 220: PM Peak Hour Trip Generation T= 0.43(22) + 20.55 (Fitted Equation) ITE 11th Edition page 256										
LUC 222: Daily Trip Generation T = 3.76(324) + 377.04 (Fitted Equation) ITE 11th Edition page 306										
LUC 222: AM Peak Hour Trip Generation T= 0.22(324) + 18.85 (Fitted Equation) ITE 11th Edition page 307										
LUC 222: PM Peak Hour Trip Generation T= 0.23(324) + 23.12 (Fitted Equation) ITE 11th Edition page 308										
LUC 822: Daily Trip Generation = 42.2 (17) + 229.68 (Fitted Equation) ITE 11th Edition page 229										
LUC 822: AM Peak Hour Trip Generation = Ln(T)= 0.66 Ln (17) + 1.82 (Fitted Equation) ITE 11th Edition page 230										
LUC 822: PM Peak Hour Trip Generation = Ln(T)= 0.71 Ln(17) + 2.72 (Fitted Equation) ITE 11th Edition page 231										
* Pass-By Reductions Calculated for LUC 822 Only After Internalization / See Detailed Trip Generation Calculation in Appendix B										

PM IC Calculations

		Gross Total	ITE (pg. 58, 57)	Internal	External
Residential	Enter	63	0.46	29	34
	Exit	38	0.42	16	22
	Total	101		45	56
		100%		44%	56%
Retail	Enter	57	0.1	6	51
	Exit	56	0.26	15	41
	Total	113		20	93
		100%		17.93%	82%
Balance	Enter	63		15	48
	Exit	38		6	32
	Total	101		21	80
		100%		20.79%	79%

PM			
Net External Trips			
	Residential	Retail	Total
Enter	48	51	99
Exit	32	41	73
Total	80	92	172
Single Use	101	113	214
			19.63

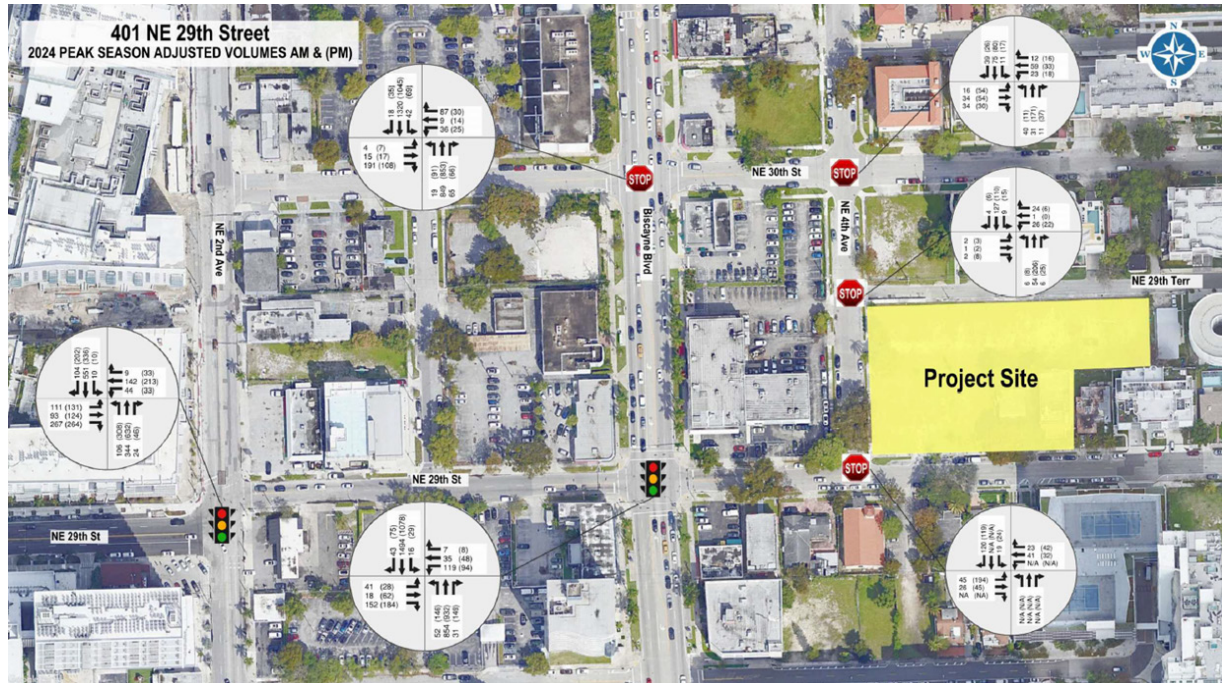
of the street traffic. Pass-by trips shall not exceed ten percent of the background traffic on the adjacent roadway. In analyzing the site-access intersections in the road network, the pass-by trips shall be included and separately identified. In cases where median controls limit left-in/left-out access to the site, traffic on the "far side" of the road can be considered as a source of captured trips; however, the effects of that traffic in the associated necessary left turns and U-turns and added flow at the upstream and downstream median openings or intersections should be identified as development traffic at those locations. No reductions shall be made for diverted trips.

Reduction factors for internal capture of trips between land uses of a mixed-use project or for pass-by trips shall be justified and comply with ITE's trip generation and FDOT's Site Impact Handbook. They shall not exceed the maximum allowable pass-by percentage of ten percent of the adjacent roadway volumes.

Trip Distribution/Assignment

Distribution of project traffic should, in most cases, use the cardinal distribution percentages from the latest edition of the Florida Standard Urban Transportation Model Structure (FSUTMS) – Southeast Florida Regional Planning





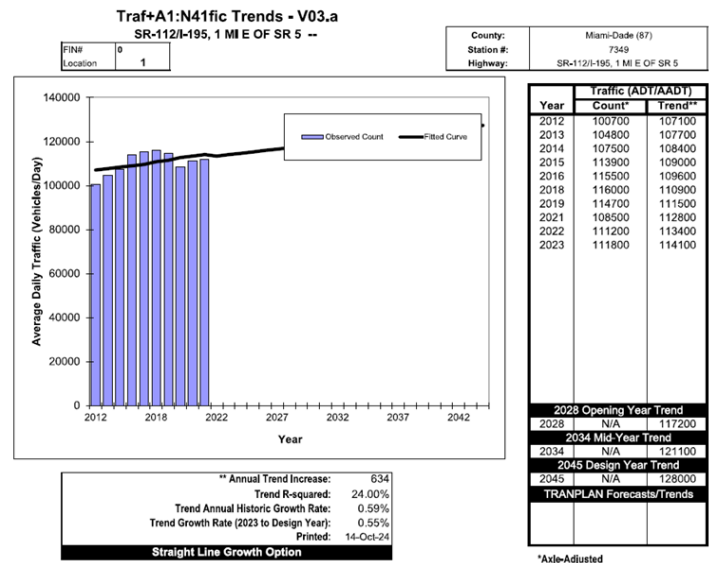
- FDOT Peak Season Adjustment Factor report for the latest year available

Existing Conditions/Demand Volumes

Corradino will adjust the raw manual turning movement and road segment tube counts. The raw counts (segment or intersection) shall be adjusted to reflect peak season conditions using the FDOT's most recently published Peak Season Conversion Factor (PSCF) for the week of the year the count was collected. Raw counts up to one year old may be inflated to existing conditions using the same growth rate assumed for future growth. Segment volumes used for level of service analysis shall be based on a traffic volume count, not by summing volumes entering and exiting adjacent intersections. The peak hour turning movement volumes to be analyzed should be the 60-minute interval within the two-hour count period with the highest entering volume sum.

Future Background Conditions/Demand Volumes

A growth factor shall increase existing traffic counts to the project's build-out year or another horizon year, depending on the nature of the entitlement sought. The growth rates shall be from established count databases. The historical growth rate should be based on at least three years of historical counts unless an event within the period chosen makes the resulting trend atypical. Having identified the nearest count locations suitable for predicting growth, it is acceptable to average those growth rates to a single



value if the range of growth rates is within two percent. In no case should the annual growth rate used to inflate to future conditions or to inflate a past count to existing conditions be less than 0.5 percent. This growth factor must be based on data collected on three roadways near the project over the last three years. Future background traffic should include the contribution from unbuilt developments in the vicinity whose site plan had been approved by the TIS commenced (Notice to Proceed or approval of a Methodology Statement). This conservative approach recognizes that some portion of past growth (when a positive trend is present) is due to new developments, and adding unbuilt development traffic to an extrapolated growth trend double counts to some degree. Intersection approach volumes should be inflated to future conditions



	Intersection	Period	Measure/Scenario	Value/ Total	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Bicayne Blvd & NE 29th St	AM	Count date	8/27/2024												
1		AM	Count Year	2024												
1		AM	Existing Year	2024												
1		AM	Future Year	2028												
1	Bicayne Blvd & NE 29th St	AM	Raw Count		52	854	31	16	1494	43	41	18	152	119	35	7
1		AM	PSCF	1	1	1	1	1	1	1	1	1	1	1	1	1
1		AM	Existing Peak Season Traffic		52	854	31	16	1494	43	41	18	152	119	35	7
1		AM	Annual Growth to Future Year		0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
1		AM	Future Background Traffic		53	871	32	16	1524	44	42	18	155	121	36	7
1		AM	Total Committed Development Trips		0	0	0	0	0	0	0	0	0	0	0	0
1		AM	Future Background + Committed Traffic		53	871	32	16	1524	44	42	18	155	121	36	7
1		AM	Trip Generation Table IN	38												
1		AM	Trip Generation Table OUT	56												
1		AM	Project Traffic Percent In				15%	17%				58%				
1		AM	Project Traffic Percent Out											15%	58%	17%
1		AM	Project Traffic In		0	0	6	6	0	0	0	22	0	0	0	0
1		AM	Project Traffic Out		0	0	0	0	0	0	0	0	0	8	32	10
1		AM	Future Total Traffic		53	871	38	22	1524	44	42	40	155	129	68	17

using the annual growth rate chosen for the road segment in the method above. Estimating future traffic volumes on facilities that do not exist may require using the latest FSUTMS SERPM Model.

Future Total Traffic Conditions/Demand Volumes

The future with project traffic volumes shall be the sum of the future background traffic and the project traffic volumes. The study shall add the net new traffic estimated to be generated by the project (project traffic) to the future background traffic volumes to estimate future peak hour traffic volumes with the project (future with project traffic). For the analysis of driveways, the project traffic added to the future background condition is the net new project traffic, including pass-by captured trips. For analyzing road segments and off-site intersections, the project traffic added to the future background condition is the net new traffic, excluding pass-by captured trips. Corradino will summarize the progression from the raw counts to total traffic conditions in an intersection volume worksheet/table.

Intersection Capacity Analysis

Corradino will complete an intersection capacity analysis of the peak hour(s) existing, future background traffic, and future with project traffic at each of the selected study intersections. The analysis for the intersections shall use the unsignalized and signalized intersection analysis methodology found in the Highway Capacity Manual (HCM). All intersections on significantly impacted roadway segments shall be analyzed. Unsignalized intersections on

INTERSECTION	LOS Criteria	2024 EXISTING		2028 BACKGROUND W/OUT PROJECT		2028 FUTURE W/PROJECT	
		AM Peak	PM Peak	AM Peak	PM Peak	AM Peak	PM Peak
1. Biscayne Blvd. & NE 29th St. (Signalized)	OVERALL	C (24.2)	B (13.1)	C (26.1)	B (13.5)	D (44.5)	C (25.7)
2. Biscayne Blvd. & NE 30th St. (Two-Way Stop)	EB	D (27.3)	D (25.4)	D (28.9)	D (26.6)	D (29.4)	D (26.1)
	WB	E (46.7)	E (44.8)	F (53.1)	E (49.1)	F (55.6)	E (43.6)
3. NE 4th Ave. & NE 30th St. (All-Way Stop)	NB	A (8.2)	A (9.7)	A (8.3)	A (9.7)	A (8.3)	A (10.0)
	SB	A (8.3)	A (8.8)	A (8.3)	A (8.8)	A (8.4)	A (8.9)
	EB	A (8.0)	A (9.2)	A (8.0)	A (9.3)	A (8.1)	A (9.4)
	WB	A (8.3)	A (8.6)	A (8.3)	A (8.6)	A (8.4)	A (8.7)
4. NE 4th Ave. & NE 29th Ter. (Two-Way Stop)	EB	B (10.1)	B (10.4)	B (10.1)	B (10.4)	B (10.2)	B (10.6)
	WB	A (10.0)	B (12.1)	B (10.0)	B (12.1)	A (10.0)	B (12.0)
5. NE 4th Ave. & NE 29th St. (One-Way Stop)	SB	A (9.7)	B (10.6)	A (9.7)	B (10.6)	B (10.2)	B (11.5)
6. NE 2nd Ave. & NE 29th St. (Signalized)	OVERALL	C (25.4)	D (40.4)	C (26.5)	D (45.1)	C (30.2)	D (51.7)
7. Project DW 1 & NE 29th Ter.	NB	N/A	N/A	N/A	N/A	A (8.9)	A (9.0)
8. Project DW 2 & NE 29th St.	SB	N/A	N/A	N/A	N/A	A (8.8)	A (9.0)

Source: Highway Capacity Manual & SYNCHRO

Legend: D (80.0) = LOS (Average Delay in Seconds per Vehicle)

A) Signalized Intersections the OVERALL LOS is documented in this table

All Stop-Control Intersections the LOS for the Stop-Controlled Movement is documented in this table

* Delay Exceeds 300 seconds

significantly impacted roadway segments shall be analyzed if the project traffic contributes to movements controlled by a stop sign. All site driveways shall be analyzed. Intersection analyses shall report delays, level of service, and queue lengths for all movements, comparing the queue length to the available turn lane storage length. Where driveway movements are restricted (e.g., right-in/right-out driveways), the necessary U-turn movements and project traffic added at the upstream and downstream median openings or intersections should be identified and analyzed. The following scenarios should be explored as part of the Intersection Capacity Analysis:



Roadway	Limits	Direction	Peak Hour Dir. Min. Standard Service Vol. for LOS C (1)	2022 Ex. Traffic Volume (2)	V/C	Acceptable?	2027 Future Background Traffic Volume (2)	V/C	Acceptable?	2027 Future With Project Traffic Volume (2)	V/C	Acceptable?
S Dixie Highway	Marlin Rd to Caribbean Blvd -	N	2940	2706	0.92	YES	2790	0.95	YES	2791	0.95	YES
	AM Peak	S	2940	974	0.33	YES	1013	0.34	YES	1105	0.38	YES
	Marlin Rd to Caribbean Blvd -	N	2940	1434	0.49	YES	1481	0.50	YES	1572	0.53	YES
	PM Peak	S	2940	2146	0.73	YES	2238	0.76	YES	2407	0.82	YES
Notes: 1) Urbanized Area Class I Source FDOT 2020 LOS Table 7 for LOS C												
2) Form Volume Worksheet in Appendix C												

- Existing scenario is defined as analyzing existing traffic on the Existing Network.
- The Future Background scenario is defined as the analysis of existing traffic plus growth in background traffic on the existing plus committed network in the project's buildout year.
- Future background plus project scenario is defined as analyzing existing traffic, background traffic, and project traffic on the existing plus committed network.

The results of the intersection capacity analysis will be summarized in table format. This includes each scenario's level of service and related overall intersection delay.

Road Segment Link Analysis

The analysis for the roadway segments shall use the generalized service volumes defined in the most recent county level of service tables or the analysis methodology found in the HCM or any other software program approved by the city engineer that is generally recognized and accepted in the field of transportation engineering. The analysis on FDOT roadways shall be the FDOT analysis methodology. The level of service analysis shall be summarized in a table format. The initial roadway level of service analysis should involve a comparison of the peak hour segment traffic volume with the service volume in the FDOT Generalized Service Volume Table for the minimum LOS standard for the facility. The generalized peak hour volumes and two-way tables of FDOT's 2023 Quality/Multimodal Level of Service Handbook will determine the peak hour service volume. When using these tables, the following information shall be provided for each facility:

- Type of roadway (interrupted or uninterrupted)
- Maintenance jurisdiction (city, county, or state-maintained)
- Area type (Urban, Rural, Transition)
- Posted speed
- Arterial Class
- LOS standard

The Cooper City Transportation Element of the Comprehensive Plan specifies the level of service criteria that need to be met. Under Florida Statutes 163.3180 (10),

the City of Cooper City is permitted to set level of service standards for State-maintained roadways that are not on the Florida Interstate Highway System or the Strategic Intermodal System.

Site Circulation Analysis & Off-Site Turn Lane Analysis

Corradino will provide a site access and circulation narrative that addresses driveway/turning conflicts, site circulation/queuing for all projects, and impacts to adjacent thoroughfare intersections for larger-scale developments. Corradino will evaluate the development's site access and on-site circulation; the total trips of the proposed development shall be used to determine whether on-site queuing is adequate and to assess warrants for auxiliary lanes (where appropriate) and signalization (or roundabout alternatives).

The development shall construct driveways consistent with the design criteria outlined in the City of Cooper City Code of Ordinances and Design Standards. The Intersection Capacity Analysis will also evaluate the adequacy of turn lane storage at key turn lanes of the intersections analyzed in the study area and project limits.

Multimodal Considerations

The growing number of mobility choices requires attention to utilizing the boundary between the public right of way and private parcels, also known as "curb management." When designing the site, the following multimodal recommendations should be considered, and their applicability should be discussed with the city during the methodology development.

- Pedestrian
 - The development shall provide an accessible, convenient pedestrian pathway from the entrance of their building structure on-site to the public sidewalk.
 - The development shall provide a sidewalk along the frontage of the development site and the public



INTERSECTION	LANE	EXT. 95th % QUEUE	FUTURE NO PROJECT 95th % QUEUE	FUTURE WITH PROJECT 95th % QUEUE	LINK DISTANCE /STORAGE (FT)	ACCEPTABLE?	EXTENSION OF BAYS
1. Biscayne Blvd. & NE 29th St.	NBL	166	195	273	75	No	NPT*
	SBL	22	23	36	150	Yes	N/A
2. Biscayne Blvd. & NE 30th St.	NBL	13	15	15	120	Yes	NPT
	SBL	10	10	10	120	Yes	N/A

All Distances are Provided in Feet

Source: Highway Capacity Manual & SYNCHRO

NPT = No Projects Trips Assigned to Movement During the Evaluated Peak Period

Turn Lanes that Exceed Existing Storage with Project Trips

Turn Lanes that Exceed Existing Storage but No Project Trips (NPT) are Being Assigned to the Movement

m00 = 95th Percentile Queue is Metered by the Upstream signal

(*) Constrained by existing median opening / Opposite bound turn-lane storage / Access Driveway

**Values Obtained from Synchro HCM 7 Report Multiplying the 95th % Queue given in (Veh) x 25 feet

street right-of-way consistent with the city's land development code and design standards. Internal circulation and connections to existing sidewalks should be provided. These connections should be direct and reasonable, minimizing the distance pedestrians need to walk between the site and the offsite pedestrian network. Suppose a right-of-way easement is necessary to construct the required sidewalk(s). In that case, the developer shall grant said easement unless it can be demonstrated that doing so would create a hardship on the development site.

- Bicycle
 - o Consistent with the city's land development code, the developer shall provide sufficient publicly accessible bicycle racks and other bike storage facilities to meet the demands of their site.
- Transit
 - o If the development is situated along an existing transit route, the development may be required to provide bus stop facilities based on the development's total trip generation.

Traffic Concurrency/Traffic Mitigation Improvements

Corradino will review opportunities to mitigate traffic impacts from the proposed development/redevelopment project as part of the TIS. Acceptable mitigation options include the following:

- I. Restore to adopted standard - Identify an improvement at an impacted location that restores the level of service

to the adopted standard for the future background plus project scenario, as defined in the Analysis Scenarios section of these Guidelines.

2. Proportionate Share Mitigation - This analysis should identify the improvement that will restore the level of service to the adopted standard (or avoid a queue spillback from a turn lane) in the future background plus project scenario. The proportionate share percentage of the improvement's cost due from the applicant is the project's consumption of the capacity (vehicles per hour or feet of queue storage) added by the improvement.
3. Local Street Impact - Traffic calming improvements will need to be evaluated for projects that have direct access to local streets and meet the minimum volume thresholds.

This is consistent with the definition of proportionate share contained in F.S. Chapter 163.3180. That language notes that project applicants are not responsible for correcting service deficiencies currently existing or projected to exist without a project scenario. However, that language also reflects that public infrastructure improvements are not implemented in increments scaled to each new development's impact. It is not in the public interest to repeatedly improve facilities in small increments; actual improvement projects add significant extra capacity when they occur, and the calculation method described above keeps the applicant's contribution proportional to their impact alone. Any impact or mobility fees the city charges would be credited against the proportionate share amount.

The applicant will be required to enter into a binding agreement to pay for or construct its proportionate share of



PROPOSED OFFSITE IMPROVEMENTS FOR
KINGFISHER RESERVE

needed improvements in a manner consistent with the appropriate Florida Statutes. The proportionate share contribution or construction is sufficient to accomplish one or more mobility improvements that will benefit a regionally significant transportation facility. Cooper City may accept contributions from multiple applicants for a planned improvement if it maintains contributions in a separate account designated for that purpose.

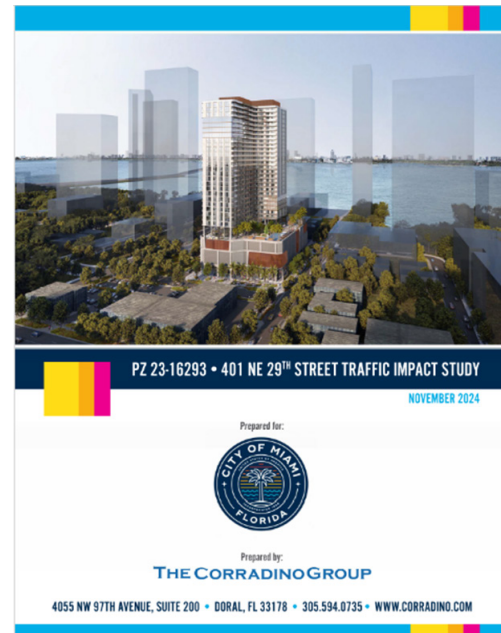
Traffic Impact Study/Report

Corradino will summarize the following key sections of the traffic impact analysis in report format using tables and figures as necessary.

- Traffic Impact Study Methodology
- Traffic Impact Study Area/Project Limits
- Trip Generation Calculations
- Trip Distribution/Assignment
- Existing Conditions/Traffic Data Collection
- Existing Conditions/Demand Volume
- Future Background Conditions/Demand Volume
- Future Total Traffic Conditions/Demand Volume
- Intersection Capacity Analysis
- Road Segment Link Analysis

- Site Circulation Analysis and Off-Site Turn Lane Analysis
- Multimodal Considerations
- Traffic Concurrency/Traffic Mitigation Improvements

The traffic impact study's conclusions shall include a statement as to whether the project meets city transportation concurrency requirements.

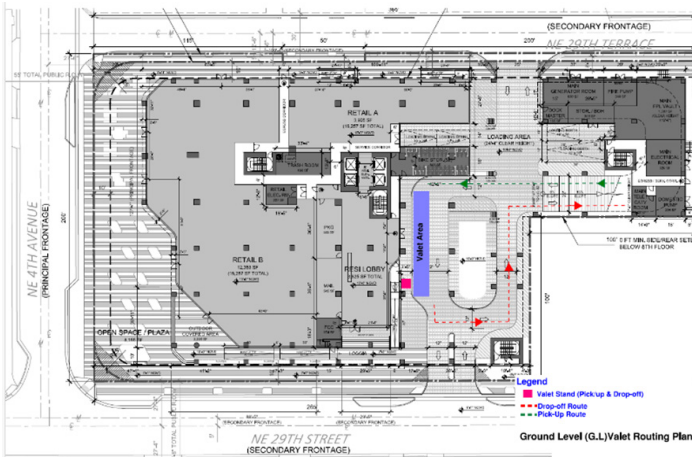


Valet Operational Analysis

Certain development and redevelopments will include valet parking in their application. Certain traffic engineering analyses are necessary to ensure no traffic impacts due to the proposed valet operations. Corradino will either peer review or provide the operational analysis of the valet parking as requested by the city as part of the traffic impact study. The review of the valet operations includes evaluating the entire valet operations and the time it takes to load and unload stacked vehicles in on-site parking facilities. The queuing analysis needs to include a review of the number of valet parking attendants required during the peak period of a regular weekday so the queue does not extend past the entrance (95 % confidence level analysis).

The following are the valet parking requirements to evaluate:

- Valet parking operational analysis/study containing generally accepted engineering standards for the trip duration to and from the authorized vehicle storage location: no more than 2,500 feet from the ramp to the vehicle storage location.
- Detailed information on the proposed valet routing plan, anticipated queueing, and pick-up/drop-off operations,



including valet stand location and the number of valet operators, as well as specific details regarding the use of off-site surface parking lots or parking garages in the valet parking operations and the number of parking spaces allocated and necessary for the same.

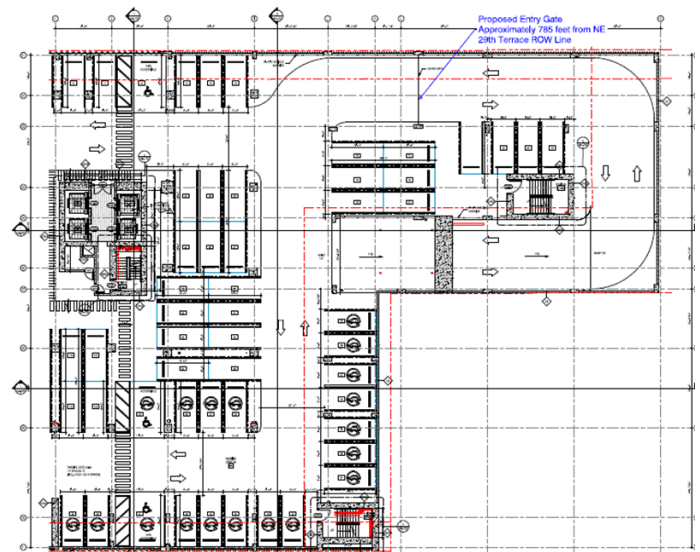
- o Peak site generated traffic into the pickup and drop off valet location
- o The average service rate corresponds to the time a valet parking attendant will take to park or retrieve a vehicle.
- o The coefficient of utilization is the ratio of the average arrival rate of vehicles to the average service rate.
- o Weighted average of number of mechanical lifts and another automated parking system versus regular parking spaces (if applicable).
- o The valet processing rate, which is calculated by adding the time it will take a valet attendant to process the vehicles, the time it will take the valet attendant to park or retrieve a vehicle (driving time and mechanical lift timing requirement if applicable), and the time it takes for the valet attendant to walk to and from the parking area.
- o The valet attendant's driving time is assumed to be ten mph.
- o The walking time for the valet attendant is assumed at a speed of 6 ft/s.
- Staffing levels or schedule of valet parking service operational hours for the establishment, including valet runners, supervisors, and managers.
- A minimum number of parking spaces for vehicle storage, as determined by the City Planning and Zoning Department.
- Valet parking street furniture, including signs, stands, and key boxes, must comply with the city's design standards, as determined by the City Planning and Zoning Department.

- Will the proposed valet parking service cause the removal of access to existing or proposed metered parking, and what is the percentage of the reasonably proximate metered parking spaces to be removed by the proposed zone?
- Whether establishments near the proposed valet parking service can reasonably be expected not to harm other nearby activities that rely on curbside parking.
- Will the proposed valet parking service have a beneficial effect on vehicular and pedestrian safety?
- Any other documents, reports, studies, materials, or information the city determines to be appropriate for issuing the valet parking permit.

Mechanical lifts and other automated parking systems are prevalent in Florida communities. Corradino is familiar with these systems and has previously reviewed them as part of valet operations on development and redevelopment projects. If applicable to the development/redevelopment application, the mechanical lift elevator processing time and lift time per vendor specifications would be needed.

Entry Gate Operational Analysis

Corradino will provide an entry gate operational analysis as part of the traffic impact study when residential entry gates are proposed for the site parking lot/garage locations. This entry gate operational analysis will include a 95th percentile vehicle queue analysis using the methodology outlined in the ITE's Transportation and Land Development, 1988. The analysis aims to verify that the maximum vehicular queue would not spill traffic back onto the Public Right of Way. Typically, the residential entry gate will provide one entry lane and one exit lane, controlled by a proximity card (FOB) reader. The queueing analysis factors include peak arrival volume, average service rate, gate processing time,





and other elements to ensure that the queue is maintained on-site and doesn't spill back into the public right-of-way.

Meeting Attendance at Planning Board Hearings

Corradino is structured to ensure there will always be coverage at the assigned public hearings associated with each development and redevelopment project application. Having separate TIS teams and traffic engineering peer review teams that will see through each application is critical to the success of this on-call Continuing Professional Services contract. The quasi-judicial hearing has specific criteria and is a formal proceeding that puts evidence about the application in the record. Corradino's team of professional traffic engineers, transportation planners, and technical experts will attend these public hearings and other associated meetings to respond to questions regarding the application, including the summation of all the traffic review comments issued and the recommendations and results of the prepared traffic impact study. Corradino can serve as the technical expert when performing the traffic impact study and as the city's independent traffic reviewer. Corradino will create a detailed record of the peer review, which comes in the form of a technical memorandum with comments issued by the city's traffic review Consultant and responses from the applicant's traffic consultant. The history of the comment review period is documented in this technical memorandum and is usually included in the staff report for the related development or redevelopment application. The schedule is paramount, and The Corradino Team is committed to meeting all deliverable deadlines for the submittal of traffic impact studies and traffic review comments through Cooper City's Development Review Committee and Planning and Zoning Board meeting schedule.



Transportation Demand Management Strategies

Transportation Demand Management (TDM) Strategies are proposed for development projects to reduce the impact of project traffic on the surrounding road network. The typical measures tend to promote bicycle and walking, transit use, encouraging car/vanpooling, and offering alternatives to typical work hours. Often, the most cost-effective way to solve a problem related to transportation is to manage demand. TDM focuses on helping people change their travel behavior—to meet their travel needs by using different modes, traveling at different times, making fewer or shorter trips, or taking different routes. Such actions can include offering commuters one or more alternative transportation modes and services, providing incentives to travel on these modes or at non-congested hours, providing opportunities to link better or “chain” trips together, and incorporating growth management or traffic impact policies into local development decisions. Corradino is familiar with TDM measures and has included them in recent development projects. The following TDM measures were recently recommended for a nearby local project:

- Providing a bicycle rack with 16 short-term bicycle parking spaces on-site
- Subsidized transit passes for residents and employees
- Subsidized bicycle purchases for employees
- Subsidized scooter fuel and designated scooter parking spaces



The site plan must be coordinated to integrate these items into the project appropriately. The location of the bicycle rack and scooter parking spaces will need to be determined to maintain the most efficient vehicular circulation and the safety of all site users.



EMERGING TECHNOLOGIES & ALTERNATIVE LEVEL OF SERVICE (LOS) ANALYSIS

Travel Time & Delay Study

A Travel Time and Delay Study is the traditional method to confirm the actual average (including intersection delay) travel speed along roads, which is the basis of interrupted flow facility LOS techniques and software and against which all interrupted flow facility LOS techniques and software are validated. It involves repeatedly driving a vehicle at the length of the road segment. This can be costly. Depending on the variability of the actual speeds observed, the specified margin of error, and the specified confidence level, the number of repeated runs necessary to provide sufficient statistical certainty in the average observed can be substantial. Because LOS analyses are meant to reflect a typical peak season weekday, this type of measurement, if intended as an LOS determination, should only be done in a week whose traffic is typical of the average for the entire peak season. This week can be identified using the FDOT peak season factors. There is no adjustment factor to convert a travel time and delay study result from any other week of the year to convert it to a peak season equivalent. The result cannot be inflated into the future to assess future conditions. In short, the results of a travel time and delay study provide a single measurement of a road segment's level of service for the traffic volume observed on the day of the study.

Big Data/Data Analytics

Cell phones, navigation apps, and smartphone location-based-services (LBS) all produce vast quantities of user position data (with varying degrees of positional accuracy) that can be purchased from aggregators of this data and can be used to determine travel times and patterns of the source device users. Stationary Bluetooth signal detectors can record the passage of Bluetooth devices (most vehicles today contain at least two: the car itself and the phone inside) past the points where detectors are deployed. Using this data to estimate travel times along a segment requires ensuring that the result reflects segment congestion only and does not stop along the way. In the same way as a study of travel time and delay, these emerging technologies can be used to evaluate existing conditions for informational purposes only. However, a project's impact, by definition, is the difference between a future condition without the project and one with it. These scenarios cannot be analyzed using these techniques and will always involve some computational technique or analysis software to measure the project's impact. Corradino has used Streetlight Data on numerous projects for origin-destination analysis,

TOWN OF PALM BEACH OD ZONES ANALYSIS



specifically for the Town of Palm Beach, when evaluating the daily OD trips, including residential, commercial, and recreational trips to and from the island.

In summary, the Travel Time and Delay Study and similar measurements using passively collected location data are of limited use in a Traffic Impact Study, which is saved for information purposes. The results cannot be converted to a peak season condition, inflated into the future, or adjusted with the addition of project traffic to identify the effect of project traffic. The computational technique contained in the HCM that uses traffic volume as an input and reports interrupted flow facility LOS was designed to ensure that the result conforms as closely as possible with the same result of a Travel Time and Delay Study conducted with the same traffic volume and intersection conditions. Tools such as the FDOT ARTPLAN spreadsheet and Generalized Service Volume tables are less burdensome in their data requirements than an HCM analysis. However, the accuracy of results can be traded for ease of use by fixing input variables that the user cannot adjust.



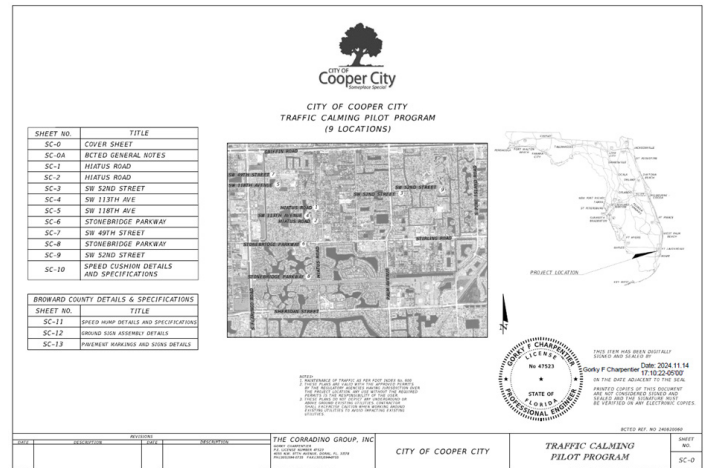
Aerial Drone Technology

Supplemental research is sometimes required to determine if specific intersection approaches still operate sufficiently in the field. Corradino has used aerial drone technology to confirm the number of vehicles queuing on an approach to an existing roundabout in the Town of Cutler Bay. The intersection capacity analysis may indicate a failing condition along one approach based on the Synchro Intersection Capacity Analysis results. Field observations may be justified to confirm this condition, especially if right-of-way constraints are present. Emerging technology, such as aerial unmanned drones, may be used to document vehicular queuing during peak times as a validation method. This helps confirm the traffic operational conditions in the field. These same images can be used as exhibits during public hearings where questions regarding actual field conditions arise during public testimony.



Traffic Calming Studies

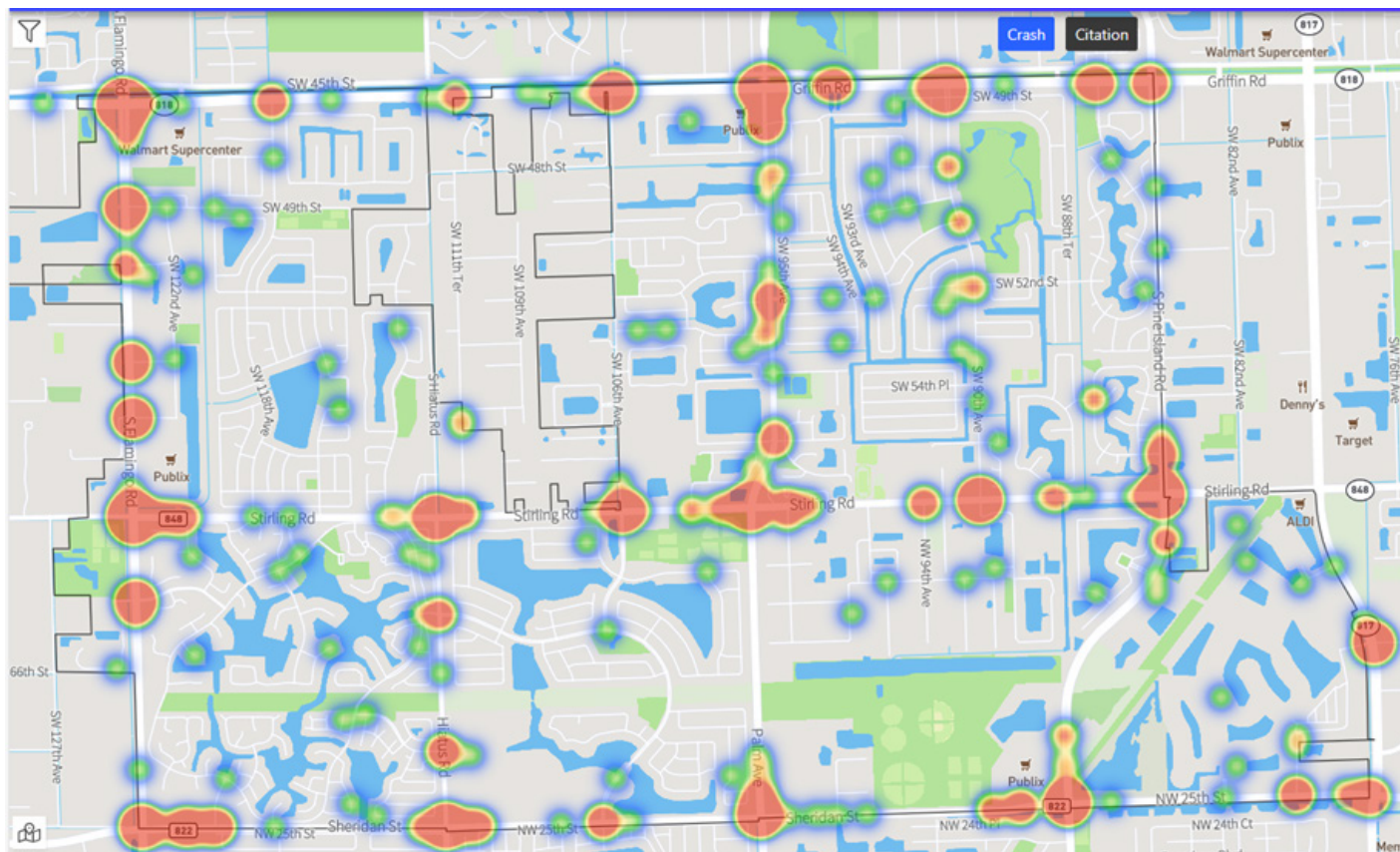
Traffic calming is one of the most popular issues for local government. Yet traffic calming, if misapplied, can negatively impact the community. It is essential to quantify the problem initially. There are livability thresholds that determine the extent of each problem. These focus on traffic volumes and, subsequently, speeds. Developing a traffic calming program requires much thought and reflection on what issues the program is designed to solve and what measures will be used. Successful programs have shown that they need to be structured enough to allow citizens, staff, and elected officials to be comfortable moving forward with projects but flexible enough to adjust to the challenges of individual streets. This task should define why the project is being undertaken and needed. This will be modified after the problem is defined. Here, traffic calming should be defined, and the goals of this project should be clearly articulated. Once the final plan is recommended, the conceptual costs for the plan will be developed. This should include the costs to design and construct the program. Potential funding sources or grants should be identified to pay for the program. The city should approve the program and implement it. The administration



or police department can implement nonphysical aspects, and physical factors should be bid, designed, and constructed. Corradino has recently completed numerous traffic calming studies for our municipal clients, including the Section Eight Traffic Calming Study for the City of Doral and the Citywide Traffic Calming Study for Cooper City. Corradino is working towards implementing the initial nine traffic calming locations as part of the Traffic Calming Pilot Program. This pilot program includes the initial placement of speed cushions along nine road segment locations. Design plans and permitting were completed, and bid documents, including opinions of probable costs, were prepared.

Traffic Safety

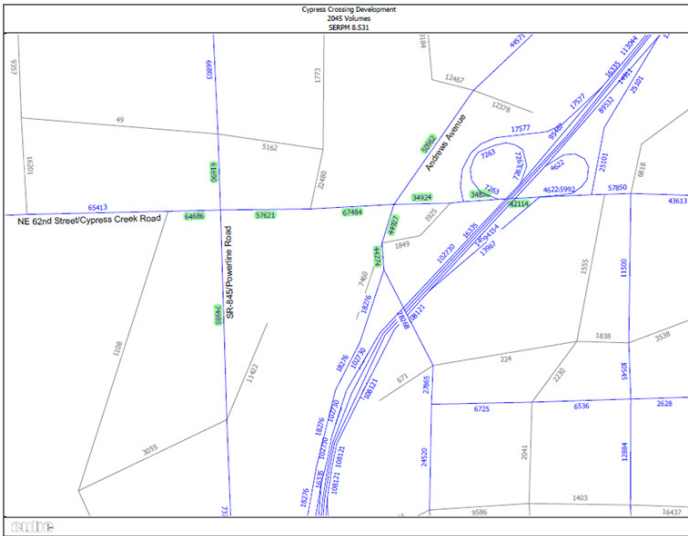
Cooper City aims to complete projects that reduce immediate or future risks or address a safety hazard or need. This goal aligns with the other goals previously mentioned as it addresses pedestrian and cyclist safety. Corradino has the expertise in the evaluation of high accident/crash locations and has been using Signal Four Analytics to evaluate these locations for other municipal clients such as the City of Fort Lauderdale, the City of Miami Beach, the Town of Cutler Bay and the Village of Key Biscayne. Signal Four Analytics is a program developed by the University of Florida that evaluates crash data from the Florida Department of Highway Safety and Motor Vehicles. Crash data is updated nightly and geo-located, which allows it to be shown on an interactive map and presented as a spatial distribution of crashes. Intersection and road segment crash data analysis can be performed for specific timeframes to evaluate types of crashes (vehicle/bike/pedestrian), time of day, road condition, and other variables using Signal Four Analytics. Signal Four Analytics is a critical tool for synthesizing crash data and evaluating Citywide assessment of locations with potential safety improvements. This can serve as an impetus for potential Capital Improvement projects in the future. The heat map in this exhibit represents the locations with crashes over the last 12 months. There were 797 crashes in the City of Cooper City over the most recent 12-month



An aerial photograph showing a train crossing a bridge over a multi-lane highway. The train is moving from the bottom left towards the top right. The bridge is supported by concrete pillars. The surrounding area includes residential houses, trees, and commercial buildings. The highway below has several lanes and some traffic. The overall scene is a suburban landscape with a mix of greenery and built-up areas.

The firm has worked for transit agencies nationwide to project transit development plans, ridership surveys, and system development. The firm was on the consultant team that developed the Metrorail. Corradino planned both phases of the South Dade Busway and worked as the planner on the I-95 Managed Lanes, a Bus Rapid Transit alternative, with remarkable results. Additionally, Corradino has implemented municipal circulators in Miami Beach, Hialeah, Palmetto Bay, Cutler Bay, and Doral.

Corradino is exceptionally well known for its expertise in transportation model development, estimation, calibration, validation, and application. It has developed models' agencies across multiple states, including new state-of-the-practice models, toll modeling for managed lanes, and activity-based tour models. Corradino has developed the latest activity-based models in the South Florida region, including the Southeast Regional Planning Model Version 8 (SERPM8) and Treasure Coast Regional Planning Model Version 4 (TCRPM4), activity-based travel demand models. Corradino's expertise extends beyond models' development and into real-world applications for cities and counties, where subarea and corridor level planning and engineering forecasts using travel demand models



are often needed. Corradino developed numerous subarea models, including the models for I-95 planning and PD&E studies, regional long-range transportation plans, and region-wide level of service estimation. Corradino's forecasting experience also extended to arterial projects such as Miami's NW 74th Street freight planning project. With a great blend of national and local project experience, Corradino can bring unmatched experience in transportation modeling and forecasting.

CIVIL ENGINEERING - ROADWAY DESIGN SERVICES

Complete Streets Design

A Broward Complete Street changes our streets for people. Broward County is investing in safe transportation that strengthens the local communities. The goal is to

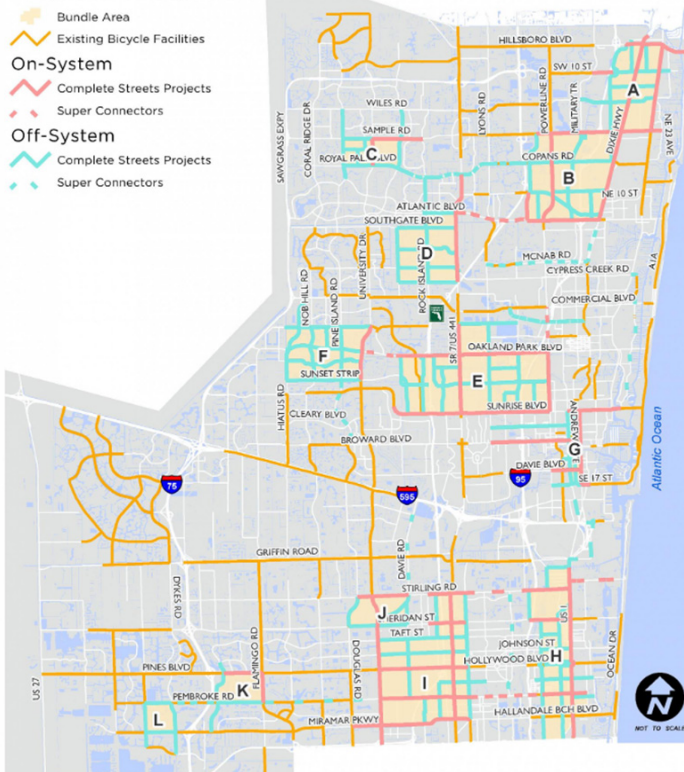
build Better Streets for people who drive, bike, walk, and take transit. Complete Streets are planned, designed, and operated in the public space for users of all ages and abilities. These streets allow pedestrians, bicyclists, transit riders, and motorists to conveniently travel on the same facilities while using any mode of transportation. Complete Streets provides easy access to cross the street, walk to shops, ride the bus, bike to school, and drive to work in a safe and comfortable environment.

Broward County Complete Streets Guidelines provide practical guidance on utilizing current roadway design standards to create a more well-balanced streetscape environment that promotes community connectivity and safety for motorists, pedestrians, and bicyclists alike, fostering social interaction and economic activity. Corradino is knowledgeable and experienced with Complete Streets guidelines and the importance of maximizing place-making and investing in livable communities through our approach to sustainability and redevelopment. Corradino has developed innovative solutions on many infrastructure improvement and transportation planning projects for governmental and institutional clients and uses our vast expertise to assist with ongoing revitalization projects throughout Florida. By adhering to Complete Streets principles, Corradino's approach to the design of an urban street enables safe, convenient, and comfortable travel and access for users of all ages and abilities regardless of their mode of transportation, but with the emphasis being on the pedestrian and cyclist. From an urban design perspective, it is essential to provide a variety of street types while keeping in mind important community destinations. Designing roadways for shared use between vehicles and bicycles, where continuous linkages are provided for vehicles and bicycles, is essential in fostering alternative transportation options. Designs that account for proposed transit projects





Project Development



or enhance facilities used by current transit operations are critical for using multi-modal facilities by commuters and tourists, reducing traffic congestion. Traffic analyses for modeling multi-modal environments should use the multimodal level of service (MMLOS) approach developed under National Cooperative Highway Research Program (NCHRP) Project 3-70 since the sought-after traveled way uses different modes of traffic. The Corradino Team understands fully that the framework for design must consider the arrangement and scale of buildings with one another and to the street, sidewalks, bike lanes, and other areas within the public realm that can support high-quality places to live, learn, work, and play. We aim to combine the roadway with nature, culture, architecture, and thoughtful design to create a sense of place where the community can grow.

The safety of the walking public is a critical component of a successful Complete Streets project. Pedestrian-friendly design includes opting for lower-speed environments, reduced roadway cross-section widths, particularly in crosswalk areas, and enhanced landscaping. While providing adequate parking is necessary for the success of businesses and residents with limited onsite parking facilities, optimized parking can be achieved by reducing the number of parking spaces and thereby providing more roadway width for sidewalks, landscaping, and business storefronts. Another way of optimizing parking is via increased or variable parking fees (by time of day), which encourage persons to opt for

other forms of transportation and ensure that adequate parking is available during peak hours. Bicycle parking in the form of bike racks and bike storage will further encourage people to opt for this healthier mode of transportation on shorter trips.

Roadway Design

► Plan Production

Corradino will proceed with a roadway design task work order by contacting the Cooper City Public Works Department staff to obtain relevant information concerning existing conditions and design considerations. The initial due diligence process includes gathering the following data:

- Existing data includes ROW and design surveys
- Crash histories
- Maintenance records
- Aerial photography
- Traffic counts
- Existing As-Built plans
- Previous studies
- Citizen complaints and suggestions
- Utility Data
- Design considerations include planned and designed projects in the immediate vicinity
- Proposed and existing development plans, drainage problems, and stormwater management requirements
- Pedestrian and bicycle requirements.

Corradino will research other data sources, including FDOT, the appropriate permitting agencies, local municipalities, utility companies, school officials, residents and businesses, transit officials, and other jurisdictional agencies and concerned entities. Corradino will utilize all data gathered to investigate all viable design alternatives thoroughly. If required, the product of this process will be a recommended design alternative for City approval.

Corradino will develop complete construction plans and technical specifications and prepare special provisions. The plans will be prepared using the State of Florida Manual of Uniform Minimum Standards for Design, Construction, and Maintenance for Streets and Highways and the requirements of Broward County. Corradino will coordinate with the city's surveying consultant to confirm any ROW documents. Corradino will provide utility coordination services, permitting services and applications, quantity computations, and an engineering opinion of probable cost estimate will be provided.



► Pavement Design

Corradino is familiar with and well-versed in FDOT's Pavement Type Selection Manual, Rigid Pavement Design Manual, and Flexible Pavement Design Manual. Corradino engineers will work with city staff to determine the correct pavement design for a specific corridor based on the traffic, geotechnical soil conditions, materials, construction, maintenance, environment, and costs of the alternate pavement designs. Corradino has experience conducting and reviewing pavement condition surveys, developing the required traffic projections, and performing 18-kip analysis and structural number calculations. We will provide the city with the most economical design with the correct thickness of the base and asphalt to ensure it meets the traffic needs well into the design year while maintaining its structural integrity. Corradino has experience designing rigid pavement, which may be required on heavily traveled truck routes.

► Roadway Widening

Corradino professionals include high-level engineers and designers with significant roadway reconstruction and widening experience. This experience is not only on rural facilities but, most importantly, given the urban nature of large areas of Broward County, Corradino has much project experience in widening/reconstruction jobs within urban corridors. This includes dealing with the unique challenges associated with these projects, such as ROW constraints, utilities, access requirements, back-of-sidewalk profiles, harmonization with abutting land uses, and driveway connectivity. Corradino design engineers have the technical know-how to develop typical sections, cross sections, and profiles utilizing MicroStation with Geopak or AutoCAD. Corradino staff will use the relevant design manuals and guidelines associated with widening projects, including but not limited to AASHTO, A Policy on Geometric Design of Highways and Streets, FDOT Plans Preparation Manuals



(PPM), and the Florida Greenbook. Any widening project will consider all of the needs to be addressed and the impacts to be mitigated and will be performed while keeping with the Complete Street concept.

► Pedestrian & Bicycle Design

Roadway design projects often include multimodal transportation elements in the overall design scope of services. Bicycling and walking are rapidly becoming realistic modes of transportation as traffic congestion and environmental concerns become more evident. Pedestrian and Bicycle linkages are integral in establishing an effective and safe transportation system. Enhanced pedestrian/bicyclist features make transit more viable, while an improved transit system will help make a community less car-dependent and more pedestrian-friendly. Transit access should be improved comprehensively and consistently to support coordination with other entities. Corradino will incorporate design elements that address access, connectivity, and safety concerns related to the pedestrian and bicycle modes. Corradino will attempt to improve pedestrian/bicycle conditions on all roads, including large commercial arterial roads. This could include multimodal shared-use paths along designated key corridors that enhance pedestrian and bicycle connections to essential neighborhood amenities. Corradino will assist in developing the guidelines regarding how to design access to the various stations and stops. The guidelines will outline the roles and responsibilities of each public agency concerning pedestrian and bicycle access improvements. These multimodal improvements could also include the planning and designing of important pedestrian/bicyclist access/safety features: special crosswalk markings, overhead signage, bulbous, midblock crossings, refuge islands, and pedestrian corrals.



► Signalization Design

Corradino's staff has designed numerous traffic signals for cities, counties, and FDOT, including numerous intersections for municipalities and Broward County. Corradino will use our experience, including lessons learned and knowledge of



industry standards, to complete any new mast arm traffic signal design, converting span-wire signals to mast arms and overhead school flashers to structural mast arm signals. The design team will ensure adherence to FDOT, Broward County, and MUTCD standards.

The design process will begin with the design team performing an initial field visit to determine the overall constraints and identify challenges. These constraints and challenges will be incorporated into the 30% schematic design. The 30% schematic design will be reviewed with the city. This plan review meeting will include a review of left-turn phasing and signal, pedestrian infrastructure features, traffic signal timings, geometric intersection layout and split phasing options, pre-emption requirements, signal interconnect, utility conflicts, drainage, and other maintenance issues. This would be followed by preliminary geotechnical engineering services from Arehna Engineering, Inc. Corradino will create a design ticket to the "Florida Sunshine One Call" system, resulting in field locates and utility coordination. Corradino will incorporate all the utility owner contact information on the signal design plans. Corradino will review the location of existing overhead power lines to ensure proper clearance.



Corradino will coordinate with Miller Legg, their surveying and right-of-way subconsultant, for the preparation of the

required topographic field survey. The proposed signal infrastructure will be laid out in the schematic design plans to evaluate clear zone requirements, signal pole service locations, and subsurface utility exploration (SUE) locations. Miller Legg will also complete the required test hole locations. The design layout will be modified to accommodate any conflicts from the field review information. Corradino will coordinate with all utility owners to optimize the signal pole infrastructure and avoid relocating utilities. Corradino will coordinate any environmental permitting requirements related to SFWMD, Central Broward Water Control District, and the US Army Corps of Engineers. These could include the development of canal cross-sections for any drainage canal impacts. Corradino will then develop a plan for placing pull boxes and the controller box locations. Design considerations will include minimizing the impact on sidewalks, standing water due to drainage conveyance, sight distance issues due to nearby bridge crossings and other vertical curves, and overall constructability. Corradino will cross-check the distance from the nearest signal head to ensure that the proposed design layout meets the minimum of 40 feet and the farthest meets the maximum of 180 feet from the stop bar, as defined in MUTCD. Corradino will list the signal head locations per MUTCD and Broward County criteria. Corradino will check the structural design to ensure the standard mast arm design is acceptable. The appropriate signal head clearances will be checked to ensure that the signal heads' clearance heights are per MUTCD and County Standards.



Corradino will provide the Internally illuminated street name signs per Broward County standards. The signal plan sheet will include the general notes, signal head and pedestrian head details, signal phasing, controller timing chart, pre-emption information (if any), and utility contact information. Corradino will specify the Type VI cabinets with 2070 NEMA traffic controllers, compatible with the County's ATMS system. The appropriate communications infrastructure will include any copper communication replacement with fiber optic and cellular communications. Video Detection Systems (VDS) mounted on the mast arms will be included in the design, with a single camera on the lane line between the inboard through lane and left



turn lane or two cameras per approach for approaches with more than five lanes. Corradino will provide the signal design cables, including installing new signal cables, power cables, video detection cables, pre-emption cables (if any), and communication cables from the controller cabinet to the equipment. Corradino will provide pedestrian infrastructure design elements such as pedestrian phasing and timing modifications and the installation of new pedestrian crosswalks, which will be coordinated with Broward County. The pedestrian pushbuttons will be installed within ten (10) feet of the edge of the road and within five (5) feet of the edge line of the crosswalk to ensure pedestrian pushbuttons are within easy reach of pedestrians who intend to cross each crosswalk. The design will avoid combined curb or curb ramps bordered by sidewalk curbs, such as types D through G, per Broward County preference. Corradino will finalize all proposed pay items and summarize the quantities in a Tabulation of Quantities Table.

► Pavement, Marking, & Signage

According to FDOT, Broward County, and Cooper City criteria and requirements, Corradino will provide pavement, marking, and signage design plans. It will also offer design elements, including new locations and modifications of existing pavement, markings, and signage. Corradino will conduct a field visit along an existing corridor to document the existing sign inventory and evaluate the existing signage's condition, age, spacing, and retro-reflectivity.

Construction Engineering & Inspection (CEI)

Over the past 50 years, Corradino has built one of the most respected reputations in the CEI space by consistently providing exceptional service and oversight through transparent, responsive communication and safe, proactive engineering. Corradino has cultivated a reputation as the leading CEI firm for high-profile interstate construction projects by safely and successfully turning in large-scale, multi-year projects ahead of schedule and under budget. Some of our outstanding successes include District 4's

most extensive CEI Program and Florida's most significant traditional grouping - the \$500 million Mobility 2000 projects, consisting of seven projects along a 25-mile stretch of I-95 in Palm Beach County. Corradino was also entrusted with the state of Florida's first Public-Private Partnership (3P) with the \$1.4 billion I-595 project in Broward County. We were presented the 2021 FTBA Award for Special Significance Project for our role as CEI on the \$60 million SR 80 Project in D1. At \$2.3 billion, the recently completed I-4 Ultimate project in the greater Orlando metropolitan area, for which Corradino provided Oversight CEI services, is the largest 3P project in Florida. Corradino is also currently supplying CEI services for the \$840 million I-395 Signature bridge in Miami-Dade County, and we have multiple projects ongoing throughout the State of Florida, currently working in FDOT's Districts 1, 4, 6, and 7 as well as Florida's Turnpike Enterprises. In addition to standard CEI support, Corradino holds the contract for constructability reviews for FDOT's Districts 1, 4, and 6. Our statewide composite grade of 3.7 in FDOT Work Group 10 is a testimony to our continued commitment to delivering CEI Services on critical projects. Corradino is a full-service CEI firm offering inspection, plans review, office support, and an in-house Community Outreach Division, providing public information services for District 4 and District 6 since 2004. Corradino is the first CEI firm to give the in-house Community Outreach/Public Information residencies in the Miami-Dade, Broward, Palm Beach, and Treasure Coast operations centers and currently handles outreach for several high-profile projects, including the \$1 billion 95 Express projects in Broward and Palm Beach counties, the Henry E. Kinney Tunnel improvements in downtown Fort Lauderdale and the \$840 million I-395 Signature bridge in Miami.

► Construction Management Oversight

Corradino will maintain overall responsibility and accountability for our team during construction. Mel Pollock, PE will be the CEI and Construction Management Discipline lead for Corradino. Our primary focus will be on the schedule and critical project issues to deliver both projects on time and within budget. A project administrator will focus on day-to-day management, inspector supervision, and contract administration. A utility coordinator will also be assigned, primarily focusing on coordination with utilities and monthly and final estimate functions.

We will establish processes to:

- Diligently track required submittals and documentation.
- Provide rapid solutions to construction issues with EOR involvement when appropriate.
- Perform continuous analysis of the contractor's CPM baseline schedule and monthly updates.
- Closely monitor the testing and material reporting system and ensure contractor timely input.



- Reduce third-party issues through coordination with the Public Information Office.

► Construction Inspection

A systematic and detailed inspection process is indispensable to ensure a quality final product. Quality is assured by verifying compliance with all contract requirements. Timely verification of compliance during construction is essential to prevent re-work, which would detrimentally affect our “On Time and Within Budget” goal. Our tried-and-true approach to ensure a cooperative and effective joint QA/QC process begins with a commitment to pre-activity meetings held at least two weeks before starting a new construction operation. The pre-activity meetings aim to proactively review the related plans, specifications, schedule, work plan, and material testing requirements to eliminate on-site misunderstandings and delays. Our experience has proven these meetings to be an effective way to prevent problems and allow for the clear communication of expectations in advance of all construction operations.



► Work Activity Planning and Execution Process

In addition to material testing, we have identified several key construction activities that require special attention from our inspection staff. We have developed “Critical Items” checklists to ensure compliance with the specifications:

MAINTENANCE OF TRAFFIC

- Review Maintenance of Traffic plan and lane closure details.
- Ensure Work Site Traffic Supervisor certificates are on file.
- Spot-check spacing between traffic control devices.
- Ensure the contractor performs daily Maintenance of Traffic inspections and provides a weekly MOT Review Report.
- Provide proper documentation for all vehicular crashes and evaluate a crash site for any necessary improvements.

DRAINAGE

- Verify pipe alignment, elevations, joints, structure entrances, filter fabric, and spot-check for settlement.
- Verify proper lift thickness during pipe backfill operations with particular attention to pipe backfill zone requirements.
- Verify the discharge elevation of control structures.
- Ensure acceptance (CQC) testing is appropriately documented in the density logbook.
- Perform verification testing per specifications, paying particular attention to backfilling under wet conditions.
- Ensure laser profiling and videotaping of the drainage runs per specification for final acceptance.

EXCAVATION AND EMBANKMENT

- Ensure the contractor adheres to the excavation and disposal requirements presented in the specifications.
- Ensure the contractor follows the limits of subsoil excavation as shown in the plans and the construction. Closely monitor subsoil excavation in the event site conditions are present that were not anticipated by the Engineer of Record.

► Schedule Oversight

The Corradino Team understands the project schedule is the most essential tool for successfully managing a project. Project scheduling matches equipment, materials, and labor resources with project work tasks over time. We realize that competent scheduling can eliminate problems due to production bottlenecks, facilitate the timely procurement of necessary materials, and otherwise ensure the completion of a project as soon as possible. In contrast, poor scheduling can result in considerable waste as laborers and equipment wait for needed resources or to complete preceding tasks. Delays in completing an entire project due to poor scheduling can also create havoc for owners eager to start using the constructed facilities.



The Corradino Team will ensure the City of Cooper City will receive the benefit of the newly constructed improvements in a timely and cost-efficient manner by implementing the following scheduling guidelines:

► Pre-Submittal Discussions

After the award and before the pre-construction conference, Corradino will meet with the prime contractor's staff to share insights, expectations, and information that may assist in preparing the baseline schedule. The critical path method (CPM) is the most widely used scheduling technique. This method calculates the minimum completion time for a project and the possible start and finish times for the project activities.

► Review & Approval Recommendation

Upon receipt of the contractor's initial schedule, Corradino will review the submittal to ensure the schedule is complete, reasonable, and free of logic errors; consistent with the contract requirements in terms of the overall time and necessary detail; and that activity durations are realistic based on the contractor's planned commitment of resources and experience. Corradino will then prepare and submit a report with findings and recommendations to the contractor and the city's construction project manager. We will also continue to interact with the contractor's staff until the baseline schedule becomes an approvable document and the contractor's detailed plan of action for a successful project.

► Internal Supplement

Corradino will assist the contractor in identifying submittal and coordination requirements related to the work, either integrating those requirements into the contractor's schedule or preparing an internal supplement to the schedule for our tracking and action. Submittal requirements include shop drawings, permits, and specialty item review submittals, with coordination requirements for special events, utility adjustments, and specialized inspections.

► Continuous Review and Look-Ahead

Corradino will obtain the contractor's two-week look-ahead schedules, including submittal and coordination requirements, which will be reviewed in weekly progress meetings. The weekly progress meetings will focus on two areas: follow-up and look-ahead. This focus is essential for the timely resolution of issues and the proactive management of the project.

► As-Built Schedule

Based on the daily inspection reports, Corradino will monitor the schedule weekly with actual start, finish, and percent complete information. The contractor and Corradino will agree upon this information monthly and the monthly progress payment. Positive and negative deviations from the schedule will be evaluated jointly to determine the necessary actions to stay on a path of continuous project completion.



► Supplemental Techniques

In addition to the schedule, other techniques will be utilized to keep all stakeholders in the loop on project progress and ensure the projects are delivered successfully, particularly concerning timely completion:

► Partnering

Corradino is committed to the “partnering” process in its project management philosophy. Every team member must commit to treating each other fairly and professionally and being mindful of the critical goals we share. The team concept involves the commitment of all project stakeholders participating in the construction project, whether directly or



indirectly. Authority is delegated to the lowest responsible level for operational efficiency, and issues or disputes are elevated before they get personal.

► **Resolve All Issues at the Lowest Possible Level**

Corradino will review and establish a delineated Construction Issue Escalation Process with the contractor and the city's construction project manager at the partnering workshop for each task work order assignment. This process will identify the representative from our Corradino team, the city, and the contractor involved with issue resolution at each level. A clearly defined hierarchy will prevent issues from becoming "bogged down" at a particular level. It will prevent team members from unnecessarily "leapfrogging" to higher levels when a problem could be handled at a lower level. A Disputes Review Board will also be used to ensure a fair and reasonable process is in place to resolve any outstanding issues.

► **Minimize Delays Due to Pending Answers of Request for Information**

The importance of providing timely responses to RFIs to avoid costly delays cannot be overstressed. This will be critically important during the project's utility and drainage phases, where unforeseen design conditions will likely occur. Mr. Pollock and the project administrator assigned to our team will track all RFIs generated by the contractor and immediately contact the EOR for the initial and final resolution of the issue. If the RFI requires city involvement for resolution, it will be forwarded to the appropriate personnel within the city or outside agencies when their input is needed.

► **Coordination with City Staff, County Staff & FDOT**

The Corradino Team has worked with and is very familiar with the critical stakeholders on similar task work order assignments/projects, including the Broward County Traffic Engineering and Construction, Maintenance, and Material Testing staff at FDOT. It will be imperative to keep all stakeholders informed of project progress and involved at the appropriate times to ensure issues are resolved appropriately and these projects are delivered successfully. In addition to weekly meetings throughout both projects, monthly progress reports will be developed and disseminated to appropriate staff to keep all apprised. As discussed in the PIO section, we anticipate attending city meetings to provide project updates when requested. We will follow up with all concerned parties on issues that arise during the projects. Our main point of contact will be the city's construction project manager, who will be informed of all issues and resolutions established to keep the projects on track. One success story is our public outreach on the I-595 project, which included extensive coordination amongst a large stakeholder group.

► **Innovative Problem Solving**

Although a task work order assignment/project may appear straightforward, the Corradino Team can provide expert claims analysis and constructability reviews founded on our many years of construction experience. Experience has taught us that our approach to claims review must begin with open communication and a professional attitude toward all parties. Avoiding a claim or resolving it quickly often hinges on the ability to focus on the core issues while setting egos and personal differences aside. Project



personnel will perform constructability reviews before the first contract day and continue throughout the project's life to ensure seamless performance of all operations.

► Value Engineering

A CEI constructability review team will be established immediately upon issuance of a CEI task work order assignment. Our primary focus during the review will be to provide feedback to the Engineer of Record on any potential constructability issues, including solutions, ensuring the design minimizes long-term maintenance costs. A practical approach utilized on the I-95 Mobility Projects was to conduct a "constructability conference" with the engineer of record and the contract to review the project plans and jointly develop cost-saving solutions – VECPs that still meet the city requirements for the necessary scope of work to be performed. On I-95, this process realized over \$4 million in VECF savings for FDOT and FHWA. This meeting can be held jointly with the proposed partnering session.

Project Deliverables - Certified High-Quality Projects

As detailed throughout this proposal, our primary focus for these task work order assignments/projects will be to deliver them on time, on budget, and of high quality. The

only way to manage a construction project effectively and successfully is to plan all aspects of the work before the first worker or piece of material arrives on the job site. The project management team, including city staff and the prime contractor, must begin planning before construction until the project is complete. Corradino understands that the more thought put into executing the work on the front end – foreseeing issues, clearing obstacles, ensuring the plans and specifications are apparent and constructible – the more likely the city's goals related to time, money, quality, and durability regarding the improvements will be met by the prime contractor. To that end, the following are several of the elements that will be utilized to ensure successful delivery:

► Contractor's QC Plan

The contractor shall prepare a Quality Control Plan according to the requirements of the FDOT specifications for the production and construction of asphalt, Portland cement concrete, earthwork, pre-stressed concrete products, and drainage products. The plan must be submitted to the engineer and approved before any materials covered by the QC Plan are incorporated into the project. Corradino is well versed in these requirements and will ensure the contractor performs the Quality Control sampling and testing as mandated by the Sampling, Testing, and Reporting Guide. We will ensure proper test results reporting into FDOT's Materials Reporting Database – LIMS and submittal of the monthly and final certification. We assume this system will be utilized, but if not, we will coordinate for city





reporting criteria. Corradino will review the contractor's QC Plan for conformity in the following areas:

- **Personnel:** Identify the role and responsibility of all personnel involved in the quality control process. Verify that all technicians have the CTQP certifications required for their area of responsibility.
- **Raw Materials:** Identify sources of raw materials, certification methods, and the procedures for handling non-conforming or failing materials. The contractor must also provide appropriate storage facilities.
- **Plant/Field Requirements:** Describe the appropriate process control system and documentation procedures. Identify loading and shipping controls, transportation, storage, and placement methods. Identify the testing laboratory, provide appropriate laboratory qualifications, and offer any producer's Quality Control Plan.

► Final Estimate

Upon construction completion, Corradino will assemble and submit a Final Estimates Package within five days of final acceptance of a task work order assignment/project. The package shall include the following:

- Contract Time Folder;
- Engineer's Weekly Summary/Daily Report of Construction;
- The material certification package consists of the Senior Project Engineer's Certification, Pay Reduction Summary, Notification of Failing Test Result Reports establishing the disposition of failing materials, and the Contractor's approved QC Plan, which is included for reference;
- Asphalt Reports, including plant delivery tickets to demonstrate sufficient tonnage, have been provided for the required pavement structure;
- Correspondence Folder; and
- As-Built Plans signed, sealed, and submitted by the contractors and verified by Corradino.

We have the experience at all levels from past assignments, combined with our internal review process, to guarantee this successful delivery of the final estimate package, with no procedural errors, all material certifications, and all backup documentation necessary for each pay item. Some of the processes we use to accomplish this goal include:

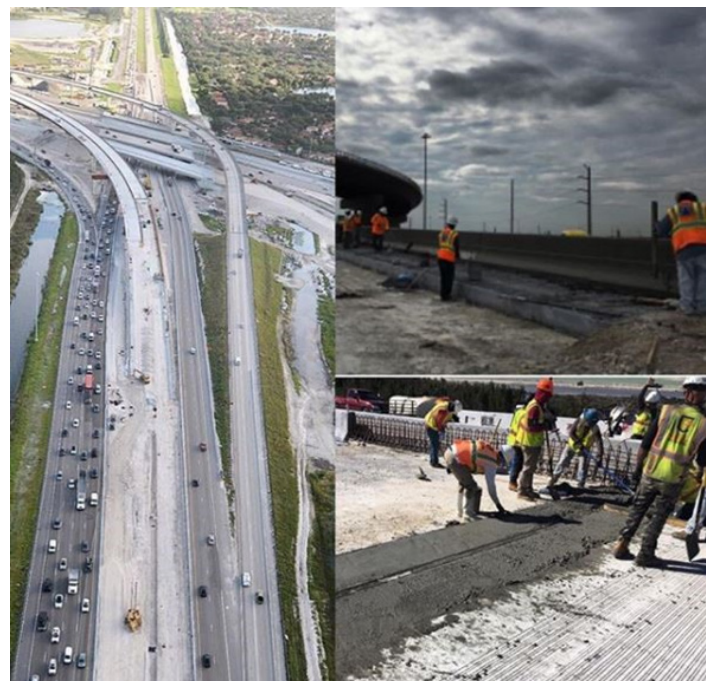
- Internal periodic QA reviews of the ongoing final estimate preparation, including the submittal of a summary of findings to the city;

- Utilization of FDOT's Final Estimate Submittal checklist, in which the status of each item is reviewed monthly;
- Thorough review and oversight of the QC density logbook by Verification personnel to minimize errors and potential delays to the final material certification;
- Perform frequent LIMS reviews, ensuring the resolution of open samples, failing test results, and missing QC or VT information; and
- Maintain current and accurate records of field changes and plan revisions for verification of the as-built plans.

► Documentation Management

Corradino has created and utilized a proven system of databases to track all project documentation, including correspondence, shop drawings, material certifications, monthly estimates, change orders, and an outstanding issue log. This system ensures that required documentation is submitted on time, problems are resolved promptly, and the project progresses without delays. Focus areas include:

- **Pay Item Verification:** We have the latest GEOPAK and Microstation software for computing plan areas, checking linear measurements, and calculating volumes. Our general approach to quantity verification will begin after a constructability and biddability review and when the team members have become familiar with the project plans and requirements. We will then determine if sufficient bid items appear on the Construction Estimate Summary Sheet to cover all aspects of construction along with any incidentals that would be included in other areas, such as Pay Item notes. We will





then verify each pay item quantity using Microstation for areas, linear measurements, and GEOPAK for calculating volumes. We will then compare it to the quantities in the CES sheet, Plan summary sheets, and computation books. If the quantities do not compare, the Corradino Team member will consult with the designer to resolve any discrepancies.

- **Payments:** Our inspection staff will record the contractor's daily activities and material quantities installed and accepted. This information will be input into our materials quantity tracking system, which generates the monthly estimate for contract payment.
- **Payment Adjustments/Change Orders:** Unit price and payment adjustments for failing materials will be accomplished utilizing the approved plan quantities provided by the Engineer of Record. Change orders and unforeseen conditions will be monitored thoroughly, documented, and discussed immediately with the city's construction project manager. As soon as additional work is needed, Corradino will prepare an entitlement analysis and engineer's estimate. Upon submittal of the contractor's price proposal, Corradino will verify the equipment, labor, and material quantities, negotiate the price as required, recommend approval to city staff, and prepare the supplemental agreement documentation.

► Quality Control/Quality Assurance

Corradino takes project management, quality control, and quality assurance seriously. This attitude extends throughout the company as all employees have a stake in the firm's reputation, which is based on responsiveness to clients, cost-effectiveness, and quality of the final product. With lessons learned from past projects, we have developed an extensive Quality Assurance Program that addresses every aspect of work performed by the CEI division to ensure the requirements of our Scope of Services are met and exceeded. Corradino's QA/QC Officer will form the Peer Review Team (PRT) upon contract award. The PRT will be tasked with the CEI team's initial and quarterly reviews to evaluate resources, documentation, procedures, and processes and recommend necessary improvements.

► Initial Review

The initial review aims to ensure the project team is 100% operational. The PRT will coordinate the initial review with the Project Administer within 30 days of mobilization. The initial PRT review of the field office and personnel will verify:

- All equipment required by the contract is in place, including vehicles, safety equipment, computers, phone service, internet connections, user IDs, etc.



- All personnel assigned to the project are fully qualified in their respective inspection areas, such as CTQP qualifications, safety training, etc.
- Ensure pre-activity meetings will be held with inspectors before beginning any new operation and that inspection checklists are distributed.
- The city construction project manager has approved all personnel, and an overtime log procedure has been established.
- Project Files, site source records, field books, etc., have been created for proper documentation of construction activities.

► Quarterly Reviews

Subsequent bi-annual reviews by the PRT will verify the following documentation and procedures:

- Review staffing, ensure adequate resources are on site, and review personnel training and certification records
- QC Plan is approved, and any modifications are on file
- The time folder is up to date
- Supplemental Agreements and FSAs are executed in a timely fashion with proper justification



- Monthly estimate documentation will be reviewed for accuracy
- Shop Drawings are on file and provided to the appropriate inspectors
- Daily work reports are complete, accurate, and input promptly
- Other project documentation is complete and accurate, including:
 - ✓ MOT Reports are signed, contain appropriate detail, and are on file for each week
 - ✓ SWPPP Reports are signed, contain appropriate detail, and are on file for each week and rain event above .5 inches
 - ✓ Field Books and other site source documents are up-to-date and accurate
 - ✓ A density logbook is maintained; review critical areas
 - ✓ Design mixes are on file and provided to the appropriate inspectors
 - ✓ Asphalt and Concrete reports are accurate and up-to-date with the necessary tickets
 - ✓ Failing material notifications are correctly resolved, and material certifications are on file
 - ✓ JPA items are adequately inspected and accepted by the utility owner upon completion

As summarized above, the PRT will review all aspects of CEI management. After each review, a detailed report will be sent to Corradino CEI Lead and the city's construction project manager, and any discrepancies will be resolved and documented promptly. The results of these review reports and feedback utilized to develop management action plans will improve our on-the-job performance. We will continually strive to enhance our internal processes.

PROJECT CHALLENGES & SOLUTIONS

Maintenance of Traffic

Corradino has successfully overseen nighttime operations on various CEI projects recently and will ensure the Traffic Control Plan, including traffic control devices, variable message boards, lighting, etc., is fully and correctly deployed on this project. Proper planning will ensure issues are avoided.

Noise

The presence of homes within the project limits could generate complaints about any work activities occurring at night. Corradino will evaluate noise issues proactively and

explore options to reduce, reschedule, or eliminate noise concerns. Corradino has found that an effective method to mitigate noise complaints is to communicate with people before potential noise-generating operations and discuss the work plan details and activity duration.



Dust, Debris, Stock Piles, and Construction Traffic or Staging These areas are a frequent concern and source of complaints on urban projects. Minimizing potential impacts requires periodic and consistent efforts to maintain a clean work zone, which are reviewed daily and included as a topic of discussion during our weekly progress meetings.

Asphalt Quality

The quality of asphalt placed is a prime priority. Ensuring the contractors meet all pertinent specifications for asphalt production requirements, from mix requirements through milling, preparation, placement, sampling, testing, and acceptance, is critical to a high-quality product and project success. The Corradino Team will work with the contractors during the pre-paving stages, monitor both plant and field operations, and discuss any issues or practices to be corrected on an ongoing basis. Corradino will also ensure all deficiencies are corrected after rolling the straight edge of the structural layer and that all manholes are correctly adjusted to exceed the smoothness requirements.

PUBLIC INVOLVEMENT & OUTREACH

Corradino recognizes that a project is only as successful if the community is actively engaged throughout every process step. Public involvement will be like a pyramid, building a basis of support to carry the plan to implementation. Tailored to



fit each project, Corradino anticipates utilizing stakeholder meetings and public workshops to engage and communicate with key stakeholders, Cooper City staff, and residents. As warranted, Corradino embraces incorporating Community Remarks® in projects to solicit valuable, map-based citizen engagement efficiently and quickly in a collaborative, visual manner that is open for the public to see and comment on. This interactive online tool is an effective mapping and feedback platform to collect and discuss community issues with the public. Citizens post location-based comments and photographs on a Google Maps background, capturing feedback from around the region through a mobile-friendly interface. All public engagement efforts are designed on a project-specific basis to fully understand and address the needs and concerns of the city and key stakeholders, ensuring all voices are heard and can be addressed.



Grant Management

At certain times of the year, the Broward Metropolitan Planning Agency (MPO) requests applications for submittal as part of the localized initiative program for federal grant funding initiated out of the Infrastructure Investment and Jobs Act (IIJA). This followed the prior long-range transportation bill entitled the Fixing America's Surface Transportation (FAST) Act. Corradino's Project Manager has recently helped numerous Cities apply for and get awarded project funding through the FAST Act and IIJA grant programs. This included the City of Weston, the Town of Davie, the City of Oakland Park, and the Village of Bal Harbour. These projects include the following, which have been programmed in FDOT's 5-Year Work Program:

- Dedicated Bicycle Lanes along SR-84 (between Glades Road and Weston Road). The Design is funded and underway (FM #438117.1), and the construction is funded for fiscal year 2021. This was a grant through the Broward MPO Transportation Alternatives Program (TAP).

- Dedicated Bicycle Lanes along Weston Road (between Indian Trace Boulevard and State Road 84). The Design is funded and underway (FM #439994-1), and the construction is funded for fiscal year 2022. This was a grant through the Broward MPO Complete Street and other Localized Initiative Program (CSLIP) Cycle 1.
- Dedicated Bicycle Lanes along Bonaventure Boulevard. FDOT and the Broward MPO are still defining the design and construction funding. This was a grant through the Broward MPO CSLIP Cycle 2.
- Dedicated Bicycle Lanes along Saddle Club Road between Lakeview Drive and Weston Road. FDOT and the Broward MPO are still defining the design and construction funding. This was a grant through the Broward MPO CSLIP Cycle 3.

These programs can potentially fund mobility projects such as, but are not limited to, complete streets projects, traffic calming and intersection improvements, ADA upgrades, mobility hubs, bus shelters, bike racks, and technology advancements such as transit signal priority and traffic control devices. Corradino staff has served recently on the Broward MPO Technical Coordinating Committee as a representative for the City of Weston, Pembroke Pines, and Broward County. The Corradino Team will work with the Director of Public Works at the city and discuss the upcoming Palm Beach TPA's agendas and the relevant items that affect the City of Boynton Beach. The Corradino Team looks forward to continuing to support and assist the City of Cooper City in applying for and being awarded additional projects to improve the city's transportation network.

In addition, Corradino is very familiar with the Broward Mobility Advancement Program (MAP), another funding program for transportation infrastructure projects. Corradino has provided grant support for submitted MAP applications for various cities where funding has recently been awarded.





TAB 6

EXHIBIT A/REFERENCES

Exhibit A
Services to be Considered
Civil Engineering

NOTE: Check only those services your firm will provide as a prime consultant. Do not include outside or sub-consultants.

[illegible]

Exhibit A
Services to be Considered
Water/Wastewater/Storm-water

NOTE: Check only those services your firm will provide as a prime consultant. Do not include outside or sub-consultants.

CONSIDER MY FIRM FOR THE SERVICES MARKED BELOW WITH AN "X".

[illegible]

Exhibit A
Services to be Considered
Architecture

NOTE: Check only those services your firm will provide as a prime consultant. Do not include outside or sub-consultants.

[illegible]

Exhibit A
Services to be Considered
Landscape Architecture

Y Yes, my firm would like to be considered for services within the above-referenced discipline that are marked below with an “X”, or otherwise listed.

Y No, my firm would not like to be considered for services within the above-referenced discipline.

**CONSIDER MY FIRM FOR THE
SERVICES MARKED BELOW WITH AN “X”.**

[illegible]

Exhibit A
Services to be Considered
Geotechnical

NOTE: Check only those services your firm will provide as a prime consultant. Do not include outside or sub-consultants.

[illegible]



City of Cooper City
RFQ #2024-1-PW, Continuing Professional Consulting Services

Exhibit A
Services to be Considered
Transportation/Transit

Discipline: Transportation/Transit

- Y Yes, my firm would like to be considered for services within the above-referenced discipline that are marked below with an “X”, or otherwise listed.**
- Y No, my firm would not like to be considered for services within the above-referenced discipline.**

NOTE: Check only those services your firm will provide as a prime consultant. Do not include outside or sub-consultants.

CONSIDER MY FIRM FOR THE SERVICES MARKED BELOW WITH AN "X".

[illegible]

Exhibit A
Services to be Considered
Mechanical, Electrical, Plumbing (MEP)

NOTE: Check only those services your firm will provide as a prime consultant. Do not include outside or sub-consultants.

**CONSIDER MY FIRM FOR THE
SERVICES MARKED BELOW WITH AN “X”.**

[illegible]



City of Cooper City
RFQ #2024-1-PW, Continuing Professional Consulting Services

Exhibit A
Services to be Considered
Other

Discipline: Other Services

- Y Yes, my firm would like to be considered for services within the above-referenced discipline that are marked below with an “X”, or otherwise listed.
- Y No, my firm would not like to be considered for services within the above-referenced discipline.

NOTE: Check only those services your firm will provide as a prime consultant. Do not include outside or sub-consultants.

**CONSIDER MY FIRM FOR THE
SERVICES MARKED BELOW WITH AN “X”.**

X	Bridge
	Unsafe Structures
	Land Surveying & Mapping
X	GIS for Engineering, Utilities, and Development Services
X	Construction Engineering Inspection Services FDOT Certified
X	Construction Engineering Inspection Services Non-FDOT Certified
X	Engineering Plan Review
X	Project Management
X	Owners Representative
X	Cost Estimating
X	Grant Management
	Electrical Engineering Designs
	Other (please list):



Corradino submits the following five Municipal Clients as Client References for the Transportation/Transit Service category of this Request for Qualification. These five current clients will be able to corroborate Corradino's experience providing traffic and transportation engineering and other professional services on an on-call basis.

a. Client name: Town of Cutler Bay
Address: 10720 Caribbean Boulevard, Suite 105
 Cutler Bay, FL 33189
Contact Person: Rafael G. Casals, ICMA CM, CFM - Town Manager
E-mail: rcasals@cutlerbay-fl.gov
Phone: 786-573-5518
Description of work: Traffic Engineering Services
Year the project was completed: 2024/Current
Total of fees paid to firm: \$300,000
Total cost of the construction, both estimated and actual: N/A

b. Client name: Town of Palm Beach
Address: 360 S. County Road, Palm Beach, FL 33480
Contact Person: Wayne Bergman, MCP, LEED® AP - Director
E-mail: wbergman@townofpalmbeach.com
Phone: 561-227-6426
Description of work: Commercial Areas Traffic and Parking Analysis
Year the project was completed: 2024/Current
Total of fees paid to firm: \$450,000
Total cost of the construction, both estimated and actual: N/A

c. Client name: City of Miami Beach
Address: 1700 Convention Center Drive
 Miami Beach, FL 33139
Contact Person: Otniel Rodriguez, EI - Assistant Director
E-mail: otnielrodriguez@miamibeachfl.gov
Phone: 305-673-7514
Description of work: General Transportation Planning and Traffic Engineering Services
Year the project was completed: 2024/Current
Total of fees paid to firm: \$250,000
Total cost of the construction, both estimated and actual: N/A

d. Client name: City of Oakland Park
Address: 5399 N. Dixie Highway, Suite 3
 Oakland Park, FL 33334
Contact Person: Sierra Marrero, AICP - Director of Engineering and Community Development
E-mail: sierra.marrero@oaklandparkfl.gov
Phone: 954-630-4479
Description of work: Professional Engineering Services

Year the project was completed: 2024/Current
Total of fees paid to firm: \$300,000
Total cost of the construction, both estimated and actual: N/A

e. Client name: Town of Surfside
Address: Town of Surfside
 9293 Harding Avenue, Surfside, FL 33154
Contact Person: Randy Stokes - Public Works Director
E-mail: rstokes@townofsurfsidefl.gov
Phone: 305-861-4863 Ext. 496
Description of work: Traffic Study
Year the project was completed: 07/15 - Present
Total of fees paid to firm: \$200,000
Total cost of the construction, both estimated and actual: N/A

Corradino submits the following five Municipal Clients as Client References for the Civil Engineering category of this Request for Qualification. These five current clients will be able to corroborate Corradino's experience providing civil engineering and other professional services on an on-call basis.

a. Client name: City of Hollywood
Address: Department of Development Services
 2600 Hollywood Boulevard, Hollywood, FL 33020
Contact Person: Mark Johnson - Senior Project Manager
E-mail: mljohnson@hollywoodfl.org
Phone: 954-921-3991
Description of work: Traffic and Transportation Engineering Professional Services
Year the project was completed: 2024/Current
Total of fees paid to firm: \$600,000
Total cost of the construction, both estimated and actual: N/A

b. Client name: City of Hialeah
Address: City of Hialeah
 501 Palm Avenue, Hialeah, FL 33010
Contact Person: Jose Sanchez - Streets Director
E-mail: josanchez@hialeahfl.gov
Phone: 305-687-2611
Year the project was completed: 2024
Total of fees paid to firm: \$266,160
Total cost of the construction, both estimated and actual: estimated: \$4,669,093, actual: still pending



c. Client name: City of Doral
Address: City of Doral
 8401 NW 53rd Terrace - Doral, FL 33166
Contact Person: Rita Carbonell - Assistant Public Works Director
E-mail: rita.carbonell@cityofdoral.com
Phone: 305-593-6740
Year the project was completed: 12/15 - Present
Total of fees paid to firm: \$1,630,378.25
Total cost of the construction, both estimated and actual: Various for different projects

d. Client name: Florida Department of Transportation (FDOT)
Address: FDOT - 3400 West Commercial Boulevard Fort Lauderdale, FL 33309
Contact Person: Phil Schwab

E-mail: phil.schwab@dot.state.fl.us
Phone: 954-777-4090
Year the project was completed: 2024
Total of fees paid to firm: \$13,769,333.54
Total cost of the construction, both estimated and actual: N/A

e. Client name: City of North Miami Beach
Address: 17011 NE 19th Avenue North Miami Beach, FL 33162
Contact Person: Samuel Zamacona
E-mail: samuel.zamacona@citynmb.com
Phone: 305-948-2932 Ext. 2576
Year the project was completed: Ongoing
Total of fees paid to firm: \$3,222,393.32
Total cost of the construction, both estimated and actual: N/A





The Following Completed Projects Are Similar in Scope to the One Under Consideration.

■ Town of Cutler Bay Traffic Engineering Services

Corradino was the traffic consultant on the continuing services contract, serving as engineer of record for engineering task work orders. Corradino provided a variety of traffic and transportation engineering services, including in-house support, DRC traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the city with the Miami-Dade County Department of Transportation and Public Works, FDOT District VI and other key stakeholder government agencies. Corradino also completed the updates to the Transportation Element of the Growth Management Plan, the Transportation Master Plan, and the Complete Streets Corridor Analysis. Corradino assisted the town in modifying its Land Development Code to create new criteria for the completion of Development Traffic Studies by the Town's General Engineering Consultants. Corradino has completed traffic impact studies for the town for the following development projects:

- Cutler Gate
- Century at Cutler Bay
- ARQ 211
- Saga Bay
- Cutler Bay Emergency Room
- Caribbean Breeze
- Raising Canes
- The Contemporary at Cutler Bay
- Alorica Mixed Use
- Southland Mall Redevelopment

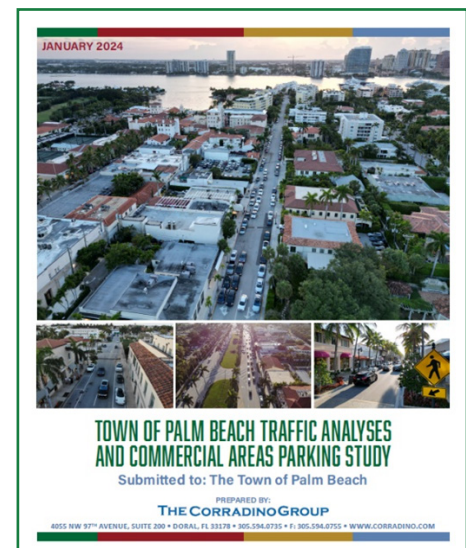
Project Owner: Town of Cutler Bay
 Contact Person: Rafael Casals, CFM, ICMA-CM – Town Manager
 Address: Town of Cutler Bay, 10720 Caribbean Boulevard, Suite 105
 Cutler Bay, FL 33189
 Phone: 305-234-4262
 Email: rcasals@cutlerbay-fl.gov
 Year Project was Completed: 03/15 - Present
 Total Cost of Contract: Work Order Based



■ Town of Palm Beach Commercial Areas Traffic and Parking Analysis

Corradino provided traffic engineering review services related to a review of the traffic impact of the existing restaurants in the commercial areas, an evaluation of the existing parking supply in the commercial areas, and a review of the origin and destination of the traffic traveling into the commercial area daily. The Consultant collected morning and afternoon peak hour turning movement counts on a typical weekday (during school) at 24 intersections within the project radius of influence. Corradino utilized Big Data via the Streetlight InSight platform to measure multimodal vehicle travel movements and patterns between zones.

Corradino used software based on the Highway Capacity Manual (HCM) methodology to perform an Intersection capacity analysis for the subject intersections. The analysis was performed for morning and afternoon peak hour conditions using Synchro II software. The analysis scenarios included the existing year (2022) and the future year (2027) with alternative commercial uses. The Consultant evaluated the travel time and delay of the intersection network using Synchro II software. The Intersection capacity analysis included a queueing evaluation of the bridge openings over the Lake Worth Lagoon at the Southern





Boulevard Bridge, Royal Palm Way Bridge, and Royal Poinciana Way Bridge. The queuing evaluation determined if there is an impact to the nearest signalized intersection to the east of each bridge crossing in the Town of Palm Beach. Coordinating with Palm Beach County and the Florida Department of Transportation occurred regarding signal timing, coordination at the Royal Palm Way Bridge, and adjacent traffic signals in both the Town of Palm Beach and the City of West Palm Beach.

Project Owner: Town of Palm Beach

Address: 360 S. County Road, Palm Beach, FL 33480

Contact Person: Wayne Bergman, MCP, LEED AP - Director of Planning, Zoning and Building

Phone: 561-227-6426

Email: wbergman@townofpalmbeach.com

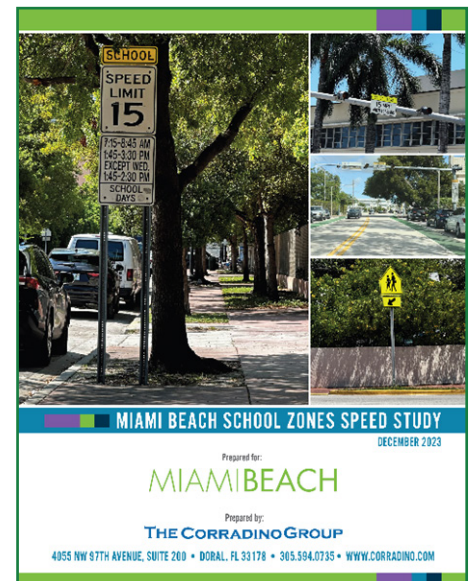
Project Cost: \$450,000

Project Date: 11/22 - 08/23

■ City of Miami Beach General Transportation Planning & Traffic Engineering Services

Corradino was the traffic consultant on the continuing services contract, serving as engineer of record for traffic engineering task work orders. Corradino provided a variety of traffic and transportation engineering services, including land use boards traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, valet-parking analysis, signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the city with the Miami-Dade County Department of Transportation and Public Works, FDOT District VI and other key stakeholder government agencies. The consultant completed a traffic engineering peer review of the city's development and redevelopment projects.

- 251 Washington Avenue
- 1840 Alton Road
- 1665-1667 Washington Avenue (Soundscape Park)
- 818 Lincoln Road
- 7902 Carlyle Avenue (Yeshiva Elementary School)
- Mount Sinai Medical Center
- 1920 Alton Road
- 1960 Normandy Drive
- The Alton - 1656 Alton Road
- Gaia Restaurant - 801 South Pointe Drive
- The Shore Club - 1901 Collins Avenue



Project Owner: City of Miami Beach

Contact Person: Otniel Rodriguez, El - Assistant Director, Transportation and Mobility Department

Address: City of Miami Beach, 1700 Convention Center Drive, Miami Beach, FL 33139

Phone: 305-673-7514

Email: otnielrodriguez@miamibeachfl.gov

Year Project was Completed: 09/20 - Present

Total Cost of Contract: Work Order Based

■ City of Oakland Park Professional Engineering Services

Corradino provides Traffic and Transportation Engineering Services to Oakland Park as part of the Continuing Professional Consultant Services Contract. Provided a variety of traffic and transportation engineering services, including intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, corridor signal timing progression analysis, traffic calming, and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with Broward County Traffic Engineering Division, FDOT District IV and other key stakeholder government agencies. Provided traffic and plan reviews



as part of the Development Review Committee. Prepared grant submittals for City projects for inclusion in the Complete Streets and Other Localized Initiatives Program (CSLIP), the Broward Mobility Advancement Program (MAP), and the Broward MPO MTP Route to 2050. The following task work orders have been completed thus far by the Consultant under this Contract:

- Andrews Avenue Complete Streets Corridor Study
- OP3D Design Services
- NE 11th Street One-Way Traffic Analysis/Corridor Study
- NE 6th Avenue Traffic Analysis/Corridor Study
- Broward Surtax Resurfacing Program Design Services
- Broward MAP Surtax Support Services
- Broward MPO CSLIP/MTP Support Services
- DRC Traffic Study Review Services, including the following development projects:
 - Oakland Park Square
 - Central Park
 - Ram Development
 - BBX Oakland Logistics
 - Urban League of Broward
 - Cypress Crossing



Project Owner: City of Oakland Park
 Address: 5399 North Dixie Highway, Suite 3, Oakland Park, FL 33334
 Contact Person: Sierra Marrero, Director of Engineering
 Phone: 954-630-4479
 Email: Sierra.Marrero@oaklandparkfl.gov
 Project Cost: Various Task Work Orders
 Project Date: 01/20 - Present

■ City of Hollywood Traffic & Transportation Engineering Professional Services

Corradino provides Traffic and Transportation Engineering Services to the City of Hollywood as part of the Continuing Professional Consultant Services Contract. Provided various traffic and transportation engineering services, including the Johnson Street Bridge Widening/Replacement Project. Corradino completed a feasibility study to evaluate design options for the bridge widening/replacement. Final design plans and permitting services included for the Johnsons Street bridge between N. 31st Avenue and N. 30th Road. The consultant also provided utility relocation design services related to the required utility relocation of three public utilities in Hollywood. Provided traffic engineering and plan reviews as part of the Development Review Committee, including the Park Road Planned Unit Development project.

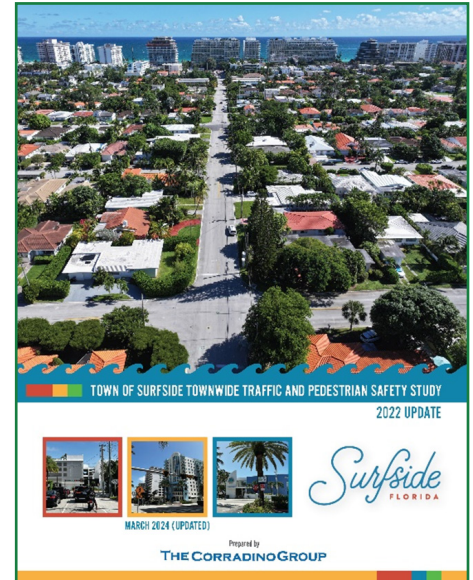
Project Owner: City of Hollywood
 Address: Department of Development Services, 2600 Hollywood Boulevard, Hollywood, FL 33020
 Contact Person: Mark Johnson, Senior Project Manager
 Phone: 954-921-3991
 Email: mjohnson@hollywoodfl.org
 Project Cost: \$750,000.00
 Project Date: 11/2021 - Current





■ Town of Surfside - Townwide Traffic Study

The Town of Surfside retained Corradino to complete an update to the Townwide Traffic Study previously prepared in 2012. The focus of the Townwide Traffic Study was to evaluate the traffic operations along key roadway corridors, evaluate the condition of existing traffic calming, recommend potential new traffic calming, confirm vehicle operating speeds along specific key roadway corridors, and complete an updated crash review of the key segments and intersections within the Town of Surfside. Some existing traffic issues include cut thru traffic and speeding in the residential neighborhood west of State Road A1A Harding Avenue. The Miami-Dade County Street Closure and Traffic Flow Modification Manual criteria will be used to evaluate potential traffic calming improvements. The Town of Surfside has a critical strategic initiative to continue to focus on pedestrian safety and traffic mitigation on the roadway network within the Town. One essential part of this priority is to improve the walkability of the Town for all users of the roadway network. A significant goal of this key strategic initiative is to implement traffic mitigation improvements to create a safer environment and community for the Town. The scope of services included extensive traffic data collection, traffic operational analysis at 30 key intersections and 14 key road segments in the Town, a 5-Year Crash Analysis, a Traffic Calming Improvement Plan, and a technical memorandum summarizing these critical scope of work items. A traffic calming improvement program was developed with costs and prioritized based on the potential crash and speed reduction. This project included a robust public information and outreach program, including multiple workshops and City Commission briefings.



Project Owner: Town of Surfside
 Contact Person: Randy Stokes - Public Works Director
 Address: Town of Surfside, 9293 Harding Avenue, Surfside, FL 33154
 Phone: 305-861-4863 Ext. 496
 Email: rstokes@townofsurfsidefl.gov
 Year Project was Completed: 07/15 - Present
 Total Cost of Contract: Work Order Based - Approximately \$200,000 annually

■ Town of Davie Continuing Engineering and Planning Services

Consultant on the Continuing Services Contract completed numerous transportation and traffic engineering service task work orders for the Town over many years. Provided a variety of traffic and transportation engineering services, including DRC traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, school traffic operational analysis, traffic calming and neighborhood traffic mitigation, and coordinated the interests of the Town with FDOT, Broward County, the Broward MPO, and other adjacent local municipalities. Key Consultant staff has completed a variety of traffic and transportation engineering and transportation planning services, including the following task work order assignments:



- DRC Peer Review Services
 - Academic Village, Chick-fila, Zona Village, Zona West, Stillwater Shores, Therapeeds, Altis Davie, Posnach School Legacy Building, Davis South, Zona Place, TOD Industrial Center, Archo Parking Study, Acorn Storage Parking Analysis, Chelsea Parc, Estates Soleste Reserve, Pulte at Davie



- Surtax Support Services assisted the Town with the preparation of engineering cost estimates for
 - SW 130th Avenue Roadway Improvements
 - SW 36th Street Widening
 - Orange Drive Enhancements
 - Hiatus Road Recreational & Equestrian Path Connectivity Improvements
 - Flaming Road and SW 26th Street Intersection Improvements
- Davie Road Phase 1 and 2
 - Mast arm conversion at the intersections of Davie Road and Nova Drive and Davie Road & SW 39th Street.
 - Signal modifications at Davie Road and Reese Road to accommodate dual southbound left-turn lanes.
 - Overhead School Zone Flasher at Davie Road & SW 37th Street & at Davie Road & SW 39th Street
- Davie Rd Phase 3 (from SW 39th Street south to Orange Drive)
 - An access management study along the corridor was conducted to identify the length of storage bays.
 - Pedestrian Safety Study for numerous mid-block crosswalks
 - Engineer of record of mid-block crosswalks at Davie Road and SW 41st Place, Davie Road and north of SW 43rd Street
- College Avenue Phase 2 (from SR 84th to Nova Drive)
 - An access management study along the corridor will be conducted to identify the length of storage bays.
 - Engineer of Record for the signal modifications at College Avenue and Nova Drive
- Florida Atlantic University/University of Florida Joint Use Building
 - Signalization Warrant Study and Design Plans for midblock pedestrian signal on College Avenue
- Orange Drive Traffic Improvements
 - Traffic Study and Streetscape Improvements on Orange Drive west of Flamingo Road
- Nova Blanche Forman Traffic Signal Improvements
 - Signal Warrant Study for signalization at the Davie Road and SW 37th Street Intersection
 - Construction drawings and permits for intersection improvements, including signalization.

Project Owner: Town of Davie

Contact Person: Jonathan Vogt - Town Engineer

Address: Town of Davie, 8800 SW 36th Street, Building A, Davie, FL 33328

Phone: 954-797-1137

Email: jonathan_vogt@davie-fl.gov

Year Project was Completed: 02/04 - 04/23

Total Cost of Contract: Work Order Based

Type of Experience: Individual

■ Miami Beach School Zones Speed Study

The City of Miami Beach assigned Corradino to complete speed evaluation along seventeen (17) established school zones that serve eight (8) different schools within the City of Miami Beach (City). The city, along with their local police department, expressed an interest in the installation of automated Speed Detection Systems (SDS) to enforce speed limits in school zones within 30 minutes before a regularly scheduled breakfast program or school session, during the entirety of a regularly scheduled school session, and within 30 minutes after the end of a regularly scheduled school session, as per the Florida Senate House Bill CS/CS/HB 657 – Enforcement of School Zone Limits which became effective 7/01/2023. The Florida Department of Transportation (FDOT) is developing standard specifications for the SDS installation. Speed Detection Systems (SDS), as defined by FS 316.003, is a portable or fixed automated system used to detect a motor vehicle's speed using radar or LiDAR and to capture a photograph or video of the rear of a motor vehicle that exceeds the speed limit enforced at the time of the violation.





Based on the collected traffic volume, 85th percentile speed criteria evaluated in the report, and the crash history reviewed, the following school zones were determined to be potentially good candidates for the installation of SDS:

- Zone 1. Alton Road
- Zone 8. Dade Boulevard
- Zone 9. Prairie Avenue
- Zone 10. W 41st Street** (Additional considerations should be reviewed as this is a state roadway facility)
- Zone 14. Meridian Avenue
- Zone 17. Pine Tree Drive

Project Owner: City of Miami Beach

Contact Person: Jose Gonzalez - Director, Transportation and Mobility Department

Address: City of Miami Beach, 1700 Convention Center Drive, 3rd Floor, Miami Beach, FL 33139

Phone: 786-295-6863

Email: josegonzalez@miamibeachfl.gov

Year Project was Completed: 09/19 - Present

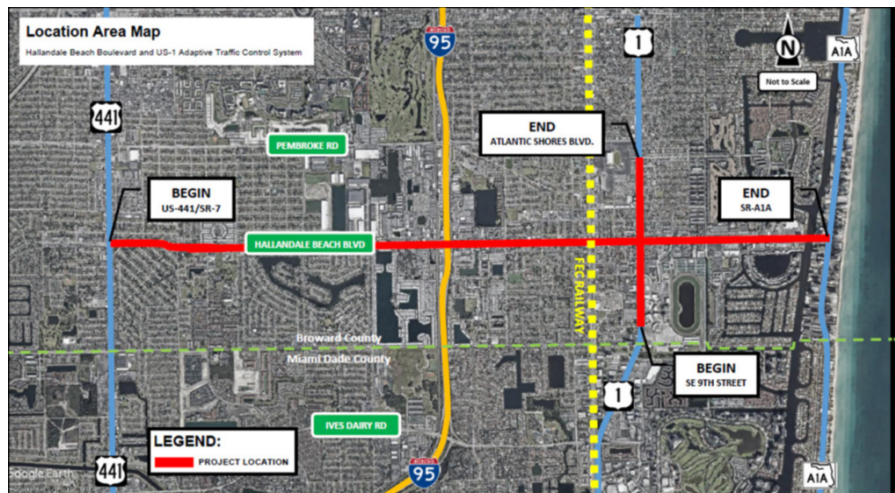
Total Cost of Contract: Work Order Based

Type of Experience: Firm

■ Broward County Adaptive Traffic Signal Control Corridors

Corradino provided traffic engineering analysis and design for installing an Adaptive Traffic Control System (ATCS) along Hallandale Beach Boulevard from SR-7 to A1A and US-1 from SE 9th Street to Atlantic Shores Boulevard. This corridor design project aims to provide optimized signal timing plans based on real-time traffic demands, then reduce traffic congestion and improve safety along Hallandale Beach Blvd. from SR-7 to A1A and US-1 from SE 9th St. to Atlantic Shores Blvd. The project entailed traffic signal control system improvements to support ATCS and signal performance measures at 26 signalized intersections within the project limits and in the County's Transportation Management Center (TMC). These design improvements upgrade at least 18 existing signal cabinets and controllers to be NEMA type VI cabinets and 2070 LN ATC controllers, replace the existing stop bar video detection with the new one capable of high-resolution data collection, add advanced mainline detection that is compatible with the selected ATCS software. Additionally, the improvements provide Broward County with central management software to conduct signal performance measures, manage and monitor the transportation network within the project limits (e.g., transit signal priority, railroad preemption, draw bridge operation, etc.), and aggregate historical data.

The contract included preparing construction plans, specifications, calculations, reports, and certifications for a complete construction contract document package. The scope comprises signalization, Intelligent Transportation System (ITS), temporary traffic control, structures, geotechnical, survey, mapping, utility coordination, project management, and coordination.



Project Owner: BCC Engineering, Inc.

Address: 6401 SW 87th Avenue, Suite 200, Miami, FL 33173

Contact Person: Arturo Espinosa, PE

Telephone Number: 305-670-2350

Email: aespinosa@bcceng.com

Project Cost: \$50,000

Project Date: 12/21 - July 23



■ City of Doral Transportation, Planning, & General Engineering Services

Transportation Master Plan

As the transportation, planning, and general engineering consultant, Corradino, Inc. (Corradino) developed the City's first transportation master plan, reviewed developments traffic impact analysis, created one of the most successful municipal circulator systems, and provided in-house staff to assist in day to day planning and engineering functions including General traffic engineering services to include, but not limited to, traffic counts, field observations, roadway capacity/level-of-service (LOS) analyses, traffic surveys, road safety analyses, parking and site plan studies/reviews, review of traffic impact analyses of proposed land developments, etc. Corradino also provided in-house support, especially during the implementation of the trolley circulator.

Transit Mobility Plan

As a newly incorporated municipality, Doral wanted to create a multimodal transportation infrastructure to enhance its existing network of roadways involving pedestrian, bicycling, vehicular, freight, and mass transit elements. Through the development and adoption of a Transportation Master Plan, Doral was able to attain funding from the People's Transportation Plan, which has been instrumental in implementing its Trolley Circulator system, a project that Corradino also assisted the City in developing. This Master Plan focused on an intensive public involvement process that would build consensus on projects created in roadway capacity, alternative modes, and transportation demand management. A set of 27 projects was developed in these areas and implemented in a 5-year Capital Improvements Plan.

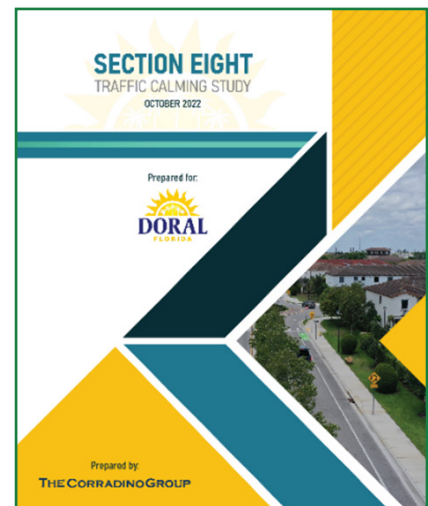
Section Eight Traffic Calming Study

Corradino provided traffic calming features for the Section Eight neighborhood in Doral, Florida. The objective of this study was to determine if improvements are necessary to maintain the quality of life for the residents by managing traffic concerns appropriately to minimize through-traffic intrusion into the residential neighborhood and maintain vehicle speeds at suitable levels. Two public involvement meetings were held to engage residents in the local area. Following traffic count and speed measurements, traffic calming measures were recommended.

NW 112th Avenue and NW 50th Street Signal Warrant Study

Corradino provided traffic engineering services to prepare a traffic signal warrant study at the intersection of NW 112th Avenue and NW 50th Street in the City of Doral, Florida. In addition, a speed study was completed along the NW 109th Avenue corridor between NW 41st Street and NW 58th Street. The City of Doral and the Miami-Dade TPO completed a NW 114th Avenue and NW 112th Avenue Improvements Study in 2017. This completed study recommended evaluating a traffic signal warrant at the NW 112th Avenue and NW 50th Street intersection.

Project Owner: City of Doral
 Address: 8401 NW 53rd Terrace, Doral, FL 33166
 Contact Person: Rita Carbonell - Assistant Public Works
 Director
 Phone: 305-593-6740
 Email: rita.carbonell@cityofdoral.com
 Project Cost: Work Order Based
 Project Date: 12/15 - Present





■ Miami-Dade County SMART Plan General Planning Consultant Services Contract - North Dade Transitway Land Use Scenario, Visioning, Planning, & Economic Mobility & Accessibility Plan Study

Recognizing that transit-supportive land use plays a critical role in the success of major rapid transit investments, the Miami-Dade Transportation Planning Organization (TPO) has been tasked to examine this interrelationship to complement the Strategic Miami Area Rapid Transit (SMART) Plan rapid transit initiative. The SMART Plan is intended to help achieve county and community goals through integrating transportation, land use planning, and development of strategies. This work order aims to develop a Land Use Plan for the North Corridor of the SMART Plan in support of transit.



The Miami-Dade TPO Governing Board passed the SMART Plan on April 21, 2016, recognizing the need to address mobility needs throughout Miami-Dade County. The SMART Plan includes six (6) major rapid transit corridors and a Bus Express Rapid Transit Network. The North Corridor study focuses on providing premium transit along SR-9/SR-817/NW 27th Avenue. The North Corridor stretches 13 miles from the Miami-Dade/Broward County Line to the Airport Expressway along NW 27th Avenue. The Corridor will serve historically under-represented, low-income communities, providing better job access and establishing a critical regional mobility linkage for the area's job centers, stadium district, and higher education.

The study includes public, on-street transit stations/stops located along the corridor within the study limits. It also includes public and private facilities adjacent to or off-corridor where potential park-and-ride and transit terminals (including the Miami-Dade College North Campus) are considered. The southern project limits included consideration of two major terminals: the MIC and the proposed Downtown Miami Intermodal Terminal at the Government Center via the Martin Luther King (MLK) Jr. Metrorail Station at NW 27th Avenue and NW 64th Street.

This project aims to develop the Transit-Oriented Development (TOD), First and Last Mile (including circulator services), and Transit Hubs components to support the economic mobility and accessibility plans for the SMART North Corridor. Several studies by DTPW, the Miami-Dade TPO, and other partner agencies have been completed in recent years.

Project Owner: Miami-Dade Transportation Planning Organization (TPO)
 Contact Person: Maria Teresita Vilches-Landa, PE, Deputy Administrator - Mobility Management & Implementation
 Address: Miami-Dade Transportation Planning Organization, Stephen P. Clark Center
 111 NW 1st Street, Suite 920, Miami, FL 33128-1916
 Phone: 305-375-2069
 Email: Maria.Vilches@miamidade.gov
 Year Project was Completed: 09/18 - 09/21
 Total Cost of Contract: \$800,000



■ FDOT D6 Districtwide Traffic Operations/Safety Studies

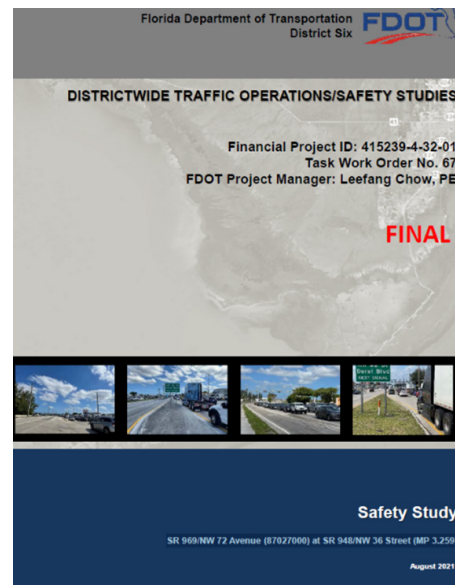
Subconsultant to Choice Engineering, Inc., providing traffic engineering services to produce the following to support the Hazard Reduction Program, the Safe Routes to School Program, and further the Strategic Highway Safety Plan.

- Safety Studies
- Ped/bike studies
- Office based fatal crash review
- Field based on fatal crash reviews
- RRR safety reviews
- Road Safety Audits
- Signal Warrant Analysis
- Qualitative Analysis reports
- Technical Memorandums
- Overall traffic engineering studies (including traffic data collection)

Pedestrian studies have included SR 9/NW 27 Avenue (87240000) at NW 7 Street (MP 2.722). These studies included 3-day, 12-hour pedestrian crossing data, pedestrian gap, and vehicle speed data, assessment of the pedestrian operation and safety conditions, establishing the need and selecting the appropriate pedestrian crossing treatment, conceptual design, and potential safety benefits.

In addition, intersection safety and operational studies included SR 969/NW 72 Avenue (87027000) at SR 948/NW 36 Street (MP 3.259). These intersection studies included turning movement counts, vehicle hose counts, crash analysis and collision diagram developments, operation and safety conditions assessment, conceptual design, and potential safety benefits.

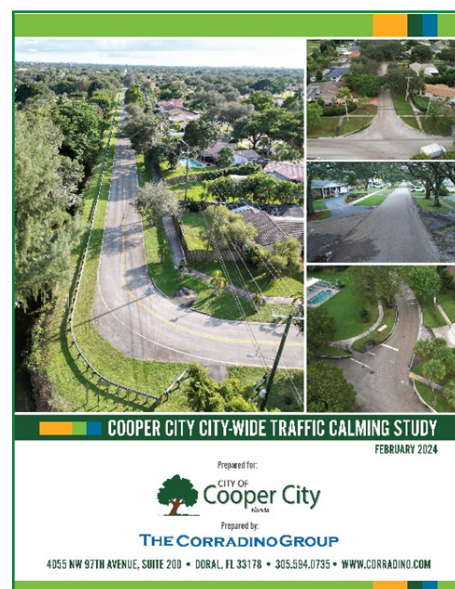
Project Owner: Choice Engineering Consultants, Inc.
 Address: 12855 SW 132nd Street, Suite 200, Miami, FL 33186
 Contact Person: Carlos Francis, PE, PTOE, RSPI, President
 Phone: 786-250-5526
 Project Cost: \$100,000
 Project Date: 09/19 - 08/21



■ City of Cooper City Traffic and Transportation Engineering Services

Corradino provides Traffic and Transportation Engineering Services to Cooper City as part of the Continuing Engineering Consultant Services Contract. Provided a variety of traffic and transportation engineering services, including intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, corridor signal timing progression analysis, traffic calming, and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with Broward County Traffic Engineering Division, FDOT District IV and other key stakeholder government agencies. Provided traffic and plan reviews as part of the Development Review Committee. Prepared grant submittals for City projects for inclusion in the Complete Streets and Other Localized Initiatives Program (CSLIP) and the Broward Mobility Advancement Program (MAP). The following task work orders have been completed thus far by the Consultant under this Contract:

- Citywide Traffic Calming Study
- Traffic Calming Pilot Program Design Services
- SW 90th Avenue Safety and Mobility Improvements (CSLIP)
- Hiatus Road and NE Lake Boulevard Roundabout Improvements (MAP)





- Broward County Surtax Support Services
- SW 49th Street Culvert Rehabilitation Technical Peer Review and Hydraulic Analysis
- DRC Traffic Study Review Services, including the following development projects:
 - Chabad of SW Broward
 - Brightstar Credit Union
 - First Baptist Church School Expansion
 - Kingfisher Reserve
 - USPS site Townhomes/Lock Up Storage
 - Nur Islam Expansion
 - Hanson Development

Project Owner: City of Cooper City

Contact Person: Carlos Vega - Community Development Director

Address: City of Cooper City, 9090 SW 50th Place, Cooper City, FL 33329

Phone: 954-434-4300 x 294

Email: cvega@coopercity.gov

Year Project was Completed: 03/21 - Present

Total Cost of Contract: Work Order Based

■ Cooper City Citywide Traffic Calming Study

The City of Cooper City retained Corradino to complete a citywide traffic calming study along fifty-one (51) corridor segments. The traffic calming study intends to provide recommendations for traffic calming devices to improve speeding concerns and related problems identified by the city's local police department, residents, and city staff. The traffic analysis and study were limited to public right-of-way roadway corridors. Each road segment location was reviewed to determine if traffic calming improvements are justified based on eligibility criteria provided in the Manual of Uniform Minimum Standards for Design, Construction, and Maintenance for Streets and Highways, also known as The Florida Greenbook. It should be noted that Section 17-38 Public Roads / Article IV – Traffic Calming Devices of the City of Cooper City Code of Ordinance was also reviewed and discussed with City staff as part of the study preparation. The analysis of the collected traffic data and the 5-year crash review were used to identify the corridors where traffic calming treatments could be installed.



Based exclusively on the traffic volume and 85th percentile speeds determined from the traffic data collection, traffic calming improvements should be considered at the following road segments:

- SW 49th Street between Flamingo Road and 118th Avenue
- SW 118th Avenue between SW 49th Street and SW 52nd Street
- SW 113th Avenue between Stirling Road and SW 55th Street
- Hiatus Road between Stirling Road and SW 55th Street



- SW 87th Avenue between SW 51st Court and Griffin Road
- SW 49th Street between SW 90th Avenue and SW 88th Terrace
- SW 51st Street between SW 92nd Terrace and SW 90th Avenue
- SW 52nd Street between SW 90th Avenue and SW 88th Terrace
- SW 122nd Avenue between SW 49th Street and SW 55th Street
- Stonebridge Parkway between NE Lake Boulevard and SE Lake Boulevard
- SW 52nd Street between SW 94th Avenue and SW 95th Avenue
- Stonebridge Parkway between W Lake Boulevard and NE Lake Boulevard

Project Owner: City of Cooper City
 Contact Person: Carlos Vega - Community Development Director
 Address: City of Cooper City, 9090 SW 50th Place, Cooper City, FL 33329
 Phone: 954-434-4300 x 294
 Email: cvega@coopercity.gov
 Year Project was Completed: 03/21 - Present
 Total Cost of Contract: Work Order Based

■ I-75 Segment A/B from NW 170th Street to South of Miramar Parkway

The Segments A & B portion of the 75 Express Lanes Project begins from NW 170 Street to South of Miramar Parkway. Work includes: Constructing Express Lanes in the existing median; Constructing entrance and exit access points to the Express Lanes; Constructing I-75 and Homestead Extension of Florida's Turnpike ramps, including 15 bridges to accommodate Express Lanes connections and implementing new movements; Reconstructing the Miami Gardens Drive Interchange and replacing the existing Bass Creek Road bridge deck; Constructing HEFT ramp bridges crossing over the canal; Constructing I-75/HEFT northbound/southbound Express Lanes ramp bridges; Installing additional Traffic Cameras, Dynamic Message Signs and Toll gantries; Adding new signage, signals, lighting and landscaping; Constructing sound barrier walls along the following communities; Royal Landings; West Lake Estates; Century Gardens; Lakes on the Green; Marbella Park West; Huntington; Riviera Isles; Courtyards at Nautica; Villas at Nautica; Windsor at Miramar.



New traffic movements will be constructed as follows: Northbound I-75 to northbound Homestead Extension of Florida's Turnpike; Southbound Homestead Extension of Florida's Turnpike to Miami Gardens Drive and southbound I-75; Southbound Homestead Extension of Florida's Turnpike to northbound I-75 Express Lanes; Southbound I-75 Express Lanes to southbound Homestead Extension of Florida's Turnpike; Northbound Homestead Extension of Florida's Turnpike to northbound I-75 Express Lanes; Southbound I-75 to northbound Homestead Extension of Florida's Turnpike; Southbound Homestead Extension of Florida's Turnpike to northbound I-75.

This project was primarily CEI (Construction, Engineering, and Inspection Services) for FDOT Project FIN Nos. 421707-2, 421707-3, and 421707-8. Corradino's services provided project administration, inspection, and testing services to ensure the project was built according to the contract documents and completed within time and budget.



Project Owner: Florida Department of Transportation (District 4)
 Contact Person: Paul Lampley, PE
 Address: FDOT, 3400 West Commercial Boulevard
 Fort Lauderdale, FL 33309

Phone: 954-845-9550
 Email: paul.lampley@dot.state.fl.us
 Year Project was Completed: 2014 - 2019
 Total Cost of Contract: \$234 million



■ Bridges of the Isles and Sunrise Key Bridge Replacements

CEI Services for a \$10M design-build project to replace five structurally deficient bridges in Fort Lauderdale. Four bridges, the “Bridges of the Isles,” connect finger islands to Las Olas Boulevard and the mainland. These four bridges constructed between 1946 and 1948 are nearly identical in construction and are almost identical in their deficiency, with structural sufficiency ratings ranging from 4 to 10 on a scale of 100. They each consist of three spans of 24 feet, totaling 72 feet each, and are 24 feet wide, with a typical section of two ten-foot lanes. They have no designated sidewalk or bike lane but do have raised safety curbs on each side. The bridges are low-level, T-beam tidal relief bridges and are not navigable with a clearance of 5 to 6 feet at Mean High Water, though it was significantly less than that during a recent site visit. Many utilities are attached to the underneath of each bridge, which will need to remain operational throughout construction. The Sunrise Key Bridge connects Sunrise Key over the Karen Canal to the mainland. It was constructed in 1959, and its structural sufficiency rating is 35. The bridge has three twenty-foot spans and is 31.5 feet wide, with two 12-foot lanes, one five-foot sidewalk on the west side, and a safety curb on the east. There is an access gate just north of the bridge, though the gate was disabled in the open position during a recent site visit.



All five bridges serve residential areas and are the only access and evacuation routes to their respective islands. They must remain in service until the new bridges are open to traffic. Right of way is limited, so the new bridges must be constructed in the same alignment as the existing ones. The bridges have the utilities to their respective islands hanging underneath them, and the utilities will need to be maintained throughout the project duration.

Project Owner: Florida Department of Transportation (FDOT) District Four

Contact Person: Yveins Jean-Pierre, PE

Address: FDOT - Fort Lauderdale Operations, 5548 NW 9th Avenue, Fort Lauderdale, FL 33309

Phone: 954-940-7611

Email: donald.vanwhervin@dot.state.fl.us

Year Project was Completed: 04/13 - 07/16

Total Cost of Contract: \$10,393,897



TAB 7

ATTACHED FORMS

THE CORRADINO GROUP

RFQ #2024-1-PW



City of Cooper City
RFQ #2024-1-PW, Continuing Professional Consulting Services

PROPOSAL CERTIFICATION FORM

I hereby declare that I have carefully examined this RFQ, and any other documents made a part of this RFQ.

I hereby propose to furnish the services specified in this RFQ. I agree that my Statement of Qualifications will remain firm for a period of 180 days in order to allow the City adequate time to evaluate the Statement of Qualifications.

I certify that all information contained in this Statement of Qualifications is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this Statement of Qualifications on behalf of the firm.

Authorized Signature

Joseph M. Corradino, AICP - President

Printed Name & Title

The Corradino Group, Inc.

Company Name

4055 NW 97th Avenue, Suite 200

Company Address

Miami, FL 33178

City, State, Zip Code

11/25/2024

Date

305-594-0735

Phone Number

jmccorradino@corradino.com

Email Address



City of Cooper City
RFQ #2024-1-PW, Continuing Professional Consulting Services

**SWORN STATEMENT UNDER SECTION 287.133(3)(A),
FLORIDA STATUTES, ON THE PUBLIC ENTITY CRIMES**

(To be signed in the presence of a notary public or other officer authorized to administer oaths.)

STATE OF Florida COUNTY Miami-Dade

Before me, the undersigned authority, personally appeared, who, being by me first duly sworn, made the following statement:

Name of Proposer The Corradino Group, Inc.

Business address 4055 NW 97th Avenue, Suite 200, Miami, FL 33178

I understand that a public entity crime as defined in Section 287.133 of the Florida Statutes includes 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 in Florida or with an agency or political subdivision of any other state or with the 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 any such agency or political subdivision and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

I understand that “convicted” or “conviction” is defined by the statute to mean a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

I understand that “affiliate” is defined by the statute to mean (1) a predecessor or successor of a person or a corporation 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, or (3) those officers, directors, executives, partners, shareholders, employees, members and agents who are active in the management of an affiliate, or (4) a person or corporation who knowingly entered into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months.

Please mark the appropriate paragraph below:

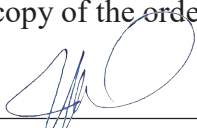
X Neither the proposer, contractor, nor any officer, director, executive, partner, shareholder, employee member or agent who is active in the management of the proposer or contractor nor any affiliate of the proposer or contractor has been convicted of a public entity crime subsequent to July 1, 1989.




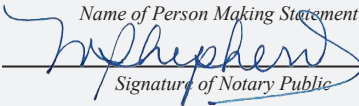
City of Cooper City
RFQ #2024-1-PW, Continuing Professional Consulting Services

_____ There has been a conviction of a public entity crime by the proposer or contractor, or an officer, director, executive, partner, shareholder, employee, member or agent of the proposer or contractor who is active in the management of the proposer or contractor or an affiliate of the proposer or contractor. A determination has been made pursuant to Section 287.133(3) by order of the Division of Administrative Hearings that it is not in the public interest for the name of the convicted person or affiliate to appear on the convicted vendor list. The name of the convicted person or affiliate is _____.

A copy of the order of the Division of Administrative Hearings is attached to this statement.



Proposer's Signature

STATE: <u>Florida</u>	
COUNTY: <u>Miami-Dade</u>	
Sworn to (or affirmed) and subscribed before me this <u>25th</u> day of <u>November</u> , 20 <u>24</u> , by: <u>Joseph M. Corradino, AICP - President.</u>	
<div style="display: flex; justify-content: space-between;"> <div>  <p>Maria Elena Shepherd Comm: HH 605589 Expires: Oct. 23, 2028 Notary Public - State of Florida</p> </div> <div> <p><i>Name of Person Making Statement</i></p> <p><u></u></p> <p><i>Signature of Notary Public</i></p> <p><u>Maria Elena Shepherd</u></p> <p><i>Name of Notary Public (Typed, Printed, Stamped)</i></p> </div> </div>	
Personally Known: <u>X</u>	OR Identification Produced: _____
Type of Identification Produced: _____	



City of Cooper City
RFQ #2024-1-PW, Continuing Professional Consulting Services

NON-COLLUSION AFFIDAVIT

By submission of this affidavit, the Proposer certifies that this price is made independently and free from collusion. Proposer shall disclose below, to the best of its knowledge, any City of Cooper City officer or employee, or any spouse, son, daughter, stepson, stepdaughter, or parent of any such officer or employee, who is an officer or director of, or has a material interest in, the Proposer's business who is in a position to influence this procurement. Any City of Cooper City officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement. For purposes hereof, a person has a material interest if he or she directly or indirectly owns more than five percent (5%) of the total assets or capital stock of any business entity, or if he or she otherwise stands to personally gain if the contract is awarded to this vendor.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City of Cooper City Code of Ordinances.

NAME

RELATIONSHIP

N/A

Type text here

Joseph M. Corradino, AICP - President

Signature

STATE:	<u>Florida</u>
COUNTY:	<u>Miami-Dade</u>
Sworn to (or affirmed) and subscribed before me this <u>25th</u> day of <u>November</u> , 20 <u>24</u> , by: <u>Joseph M. Corradino, AICP - President</u>	
	<u>Maria Elena Shepherd</u> <small>Name of Person Making Statement</small>
	<u>Maria Elena Shepherd</u> <small>Signature of Notary Public</small>
<u>Maria Elena Shepherd</u> <small>Name of Notary Public (Typed, Printed, Stamped)</small>	
Personally Known: <u>X</u> OR Identification Produced: _____	
Type of Identification Produced: _____	



City of Cooper City
RFQ #2024-1-PW, Continuing Professional Consulting Services

**SCRUTINIZED COMPANIES CERTIFICATION
(PURSUANT TO FLORIDA STATUTE § 287.135)**

I, Joseph M. Corradino, AICP - President, on behalf of The Corradino Group, Inc.,
Print Name and Title Company Name

certify that The Corradino Group, Inc. does not:
Company Name

1. Participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel List; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
5. Has not engaged in business operations in Syria.

Submitting a false certification shall be deemed a material breach of contract. The City shall provide notice, in writing, to the Company of the City's determination concerning the false certification. The Company shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If the Company does not demonstrate that the City's determination of false certification was made in error, then the City shall have the right to terminate the contract and seek civil remedies pursuant to Florida Statute § 287.135.

Section 287.135, Florida Statutes, prohibits the City from:

- 1) Contracting with companies for goods or services in any amount if at the time of bidding on, submitting a proposal for, or entering into or renewing a contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, F.S., or is engaged in a boycott of Israel; and,
- 2) Contracting with companies for goods or services over \$1,000,000.00 that are on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, created pursuant to s. 215.473, or are engaged in business operations in Syria.

As the person authorized to sign on behalf of the Company, I hereby certify that the company identified above in the section entitled "Company Name" does not participate in any boycott of Israel, is not listed on the Scrutinized Companies that Boycott Israel List; the Scrutinized Companies with Activities in Sudan List; the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and is not engaged in business operations in Syria. I understand that pursuant to Section 287.135, Florida Statutes, the submission of a false certification may subject the company to civil penalties, attorney's fees, and/or costs. I further understand that any contract with the City for goods or services may be terminated at the option of the City if the company is found to have submitted a false certification or has been placed on any of aforementioned lists.

* SIGNATURE

Joseph M. Corradino, AICP - President
PRINT NAME & TITLE

* Individual must have the authority to bind the Company.

Form must be executed and returned with attached proposal to be considered.



City of Cooper City
RFQ #2024-1-PW, Continuing Professional Consulting Services

E-VERIFY FORM

Definitions:

“Contractor” means a person or entity that has entered or is attempting to enter into a contract with a public employer to provide labor, supplies, or services to such employer in exchange for salary, wages, or other remuneration.


“Subcontractor” means a person or entity that provides labor, supplies, or services to or for a contractor or another subcontractor in exchange for salary, wages, or other remuneration.

Effective January 1, 2021, public and private employers, contractors, and subcontractors will begin required registration with, and use of the E-verify system in order to verify the work authorization status of all newly hired employees. Vendor/Consultant/Contractor acknowledges and agrees to utilize the U.S. Department of Homeland Security’s E-Verify System to verify the employment eligibility of:

- a) All persons employed by Vendor/Consultant/Contractor to perform employment duties within Florida during the term of the contract; and
- b) All persons (including sub-vendors/sub-consultants/subcontractors) assigned by Vendor/Consultant/Contractor to perform work pursuant to the contract with the Department. The Vendor/Consultant/Contractor acknowledges and agrees that use of the U.S. Department of Homeland Security’s E-Verify System during the term of the contract is a condition of the contract with the City of Cooper City; and

Should vendor become successful Contractor awarded for the above-named project, by entering into this Contract, the Contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The contractor shall maintain a copy of such affidavit for the duration of the contract. Failure to comply will lead to termination of this Contract, or if a subcontractor knowingly violates the statute, the subcontract must be terminated immediately. If this contract is terminated for a violation of the statute by the Contractor, the Contractor may not be awarded a public contract for a period of 1 year after the date of termination.

Company Name: The Corradino Group, Inc.

Authorized Signature: 

Print Name: Joseph M. Corradino, AICP

Title: President

Date: 11/25/2024



City of Cooper City
RFQ #2024-1-PW, Continuing Professional Consulting Services

CONFLICT OF INTEREST DISCLOSURE FORM

The award of this contract is subject to the provisions of Chapter 112, *Florida Statutes*. All Proposers must disclose within their Proposal: the name of any officer, director, or agent who is also an employee of the City of Cooper City.

Furthermore, all Proposers must disclose the name of any City employee who owns, directly or indirectly, an interest of more than five percent (5%) in the Proposer's firm or any of its branches.

The purpose of this disclosure form is to give the City the information needed to identify potential conflicts of interest for evaluation team members and other key personnel involved in the award of this contract.

The term "conflict of interest" refers to situations in which financial or other personal considerations may adversely affect, or have the appearance of adversely affecting, an employee's professional judgment in exercising any City duty or responsibility in administration, management, instruction, research, or other professional activities.

Please check one of the following statements and attach additional documentation if necessary:

 X To the best of our knowledge, the undersigned firm has no potential conflict of interest due to any other cities, counties, contracts, or property interest for this Proposal.

 The undersigned firm, by attachment to this form, submits information that may be a potential conflict of interest due to any other cities, counties, contracts, or property interest for this Proposal.

Acknowledged by:

The Corradino Group, Inc.

Firm Name

Signature

Joseph M. Corradino, AICP - President

Name and Title (Print or Type)

11/25/2024

Date



City of Cooper City, Florida
RFQ 2024-1-PW
Continuing Professional Consulting Services (CCNA)
Addendum #1 - Clarifications



Addendum #1 - CLARIFICATIONS

(Issued Monday, November 25, 2024)

RFQ 2024-1-PW, Continuing Professional Consulting Services (CCNA)

This addendum is issued to make the following change(s)/correction(s)/clarification(s) to:

Question 1: There appear to be multiple dates listed in the RFQ regarding the submission deadline. Could you please clarify the final and correct deadline?

Answer 1: The correct Due Date is Friday December 13, 2024 at 3pm

Acknowledgment of Addendum #1

*Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.*

Acknowledged by:

Print Name:

Joseph M. Corradino, AICP

Company:

The Corradino Group, Inc.

Date:

11/26/2024



City of Cooper City, Florida
RFQ 2024-1-PW
Continuing Professional Consulting Services
(CCNA) Addendum #2 - Clarifications



Addendum #2 - CLARIFICATIONS

(Issued Tuesday, December 3, 2024)

RFQ 2024-1-PW, Continuing Professional Consulting Services (CCNA)

This addendum is issued to make the following change(s)/correction(s)/clarification(s) to:

Due to the holidays, the due date for the submission of this proposal has been extended to Monday, January 6, 2024 at 3:00pm.

Acknowledgment of Addendum #2

Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.

Acknowledged by:

Print Name:

Joseph M. Corradino, AICP - President

Company:

The Corradino Group, Inc.

Date:

12/10/2024



City of Cooper City, Florida
RFQ 2024-1-PW,
Continuing Professional Consulting Services (CCNA)
Addendum #2 - Clarifications



Addendum #3 - CLARIFICATIONS

(Issued Monday, December 9, 2024)

RFQ 2024-1-PW, Continuing Professional Consulting Services (CCNA)

This addendum is issued to make the following change(s)/correction(s)/clarification(s) to:

Question 1: Does the City want the Proposers to include five references for each category?

Answer 1: No. Five (5) references will be sufficient

Question 2: Under what section does the City prefer the Proposers to include their project experience (besides the reference section)?

Answer 2: TAB 6 References please provide the details of "Project Experience" per each area your firm desires to be considered the prime consultant.

Question 3: Our firm is able to provide more than one of the requested services. Section 2.1 Introduction of the solicitation states, "a firm may submit only as a prime." Is the City looking for us to (a) ONLY submit for services specific to each Exhibit A in which we will be prime and omit any potentially needed sub-consultant? Alternatively (b) include sub-consultants that we anticipate would be needed, even if they have their own dedicated Exhibit A? (For example: How do we address Civil Engineering as prime and Geotechnical Engineering as a sub-consultant?)

Answer 3: The City desires only the prime consultant, as identified in Exhibit A.

Question 4: Would the City consider extending the deadline due to the holidays?

Answer 4: Yes. January 6th 2025

Question 5: Section 1.21 requests that an original and three copies be submitted in a sealed envelope, with a USB. Does the city prefer a certain method for binding the hard copy responses (e.g. spiral bound vs three-ring binder)?

Answer 5: No preference on binding

Question 6: How much work (\$ amount and type of projects) were distributed under the previous continuing contract?



City of Cooper City, Florida
RFQ 2024-1-PW,
Continuing Professional Consulting Services (CCNA)
Addendum #2 - Clarifications

Answer 6: The City currently has several contracts and approximately twenty-five (25) active capital projects of varying scale, cost, and complexity. It is also preparing to enter the bond market soon to obtain a rating and secure funding for many more projects over the next one to two years.

Question 7: Is there an existing contract in place for these services, and if so, could you confirm the incumbent's name?

Answer 7: Currently the city has three (3) contracts in place: Hazen and Sawyer, Chen Moore & B Corradino Group. Additionally, there are several existing contracts for services. However, the City wishes to deepen the pool of available consultants, and values small to intermediate sized firms who can complete the types of projects Cooper City has to complete, including water and wastewater utility projects, general fund and public works capital projects, building facilities, resiliency and other types of projects (such as lighting, electrical, MEP and other services).

Question 8: While we understand this is a continuing contract, could you provide information on any allocated budget, or the budget assigned to previous or similar projects?

Answer 8: The City has projects that will range from several hundred thousands of dollars to as much as twelve to twenty million dollars in magnitude, and include the various types of projects outlined in response to question 8 (eight) above.

Question 9: Is it acceptable to submit the proposal ONLY via DemandStar?

Question 9: Yes

Question 10: Could you please confirm whether the current RFQ 2024-1-PW will replace the contracts previously awarded under RFQ 2020-1-UTL? If that is the case, would CMA need to resubmit to be reconsidered under the new RFQ?

Question 10: Existing contracts have been replaced by submissions under RFQ 2024-1-PW. CMA should submit again under this RFQ. Any contracts that have already been executed will proceed to completion, but new assignments will require re-selection through this RFQ.

Question 11: Can we use 11 x 17 paper size for the organizational chart?

Question 11: Yes but fold it into 8.5 x 11 inch size book.

Question 12: Can we extend Exhibit B to include all project team members and add a column for "Other"?

Question 12: Yes

Question 13: Page 46, Domestic Partnership has two sections – Section one has applicable information to select, Section two mentions contract price terms and is not applicable to section one – How do we proceed?

Question 13: Please select an item for Section Two only if Item #4 in Section One is selected

Question 14: If a firm is pursuing continuing consulting services for architectural services, should that firm include subconsultants/services such as MEP, Structural etc.?

Question 14: Yes, and if you change these, the Contract eventually executed should require you to update any of these selections and



City of Cooper City, Florida
RFQ 2024-1-PW,
Continuing Professional Consulting Services (CCNA)
Addendum #2 - Clarifications

request approval by City before using any different sub consultants.

Question 15: We would like to know if the City wants subconsultants included in the proposal submittal. If subconsultants as to be included should they fill out the Exhibits A & B?

Question 15: No, those sub consultants would not necessarily need to complete the Exhibit A & B inquiries. We can evaluate them through the proposal review process.

Question 16: In regard to the above referenced project, is it acceptable to recreate the Exhibit B form (page 2) with the table that lists the project team? It is difficult to fit the information on the form provided with the RFQ. :

Question 16: Yes, please complete Form 330, Parts I and II, as required by the RFQ. The form has been uploaded to Demandstar as an amendment.

Question 17: Is the expectation of the City that each firm submits its qualifications as a sole entity and not as a team with subconsultants?

Question 17: Yes. Each consultant should submit its own qualifications and list its sub consultants to be used, not as a team of consultants. The City desires specialized consultants that can self-perform a substantial amount of work included in the project, but acknowledges some sub consultants may be needed for specific needs in portions of any project undertaken.

Question 18: As currently worded, we believe that the indemnity provisions in Section 1.15 on page 8, and Article 6.1 on page 56, of the RFQ does not comply with FL Statute 725.08 and is unenforceable. Will you agree to reword the indemnification to conform with the statute? Suggested language per FL Statute 725.08: "The design professional shall indemnify and hold harmless the agency, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the design professional and other persons employed or utilized by the design professional in the performance of the contract."

Question 18: The City will ensure that contract awarded pursuant to the RFQ is consistent with Sec. 725.08, F.S., and the other requirements of Florida law.

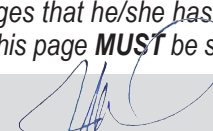


City of Cooper City, Florida
RFQ 2024-1-PW,
Continuing Professional Consulting Services (CCNA)
Addendum #2 - Clarifications

Acknowledgment of Addendum #3

Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.

Acknowledged by:



Company:

The Corradino Group, Inc.

Print Name:

Joseph M. Corradino, AICP - President

Date:

12/10/2024



City of Cooper City, Florida
RFQ 2024-1-PW
Continuing Professional Consulting
Services (CCNA) Addendum #4
Clarifications



Addendum #4

(Issued Thursday, December 12, 2024)

RFQ 2024-1-PW, Continuing Professional Consulting Services (CCNA)

This addendum is issued to make the following change(s)/correction(s)/clarification(s) to:

The due date for the submission of questions for this proposal has been extended to Monday, December 16, 2024 at 3:00pm.

Acknowledgment of Addendum #4

*Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.*

Acknowledged by:

Print Name:

Joseph M. Corradino, AICP - President

Company: The Corradino Group, Inc.

Date:

12/12/2024



City of Cooper City, Florida
RFQ 2024-1-PW,
Continuing Professional Consulting Services (CCNA)
Addendum #5



Addendum #5

(Issued Thursday, December 19, 2024)

RFQ 2024-1-PW, Continuing Professional Consulting Services (CCNA)

This addendum becomes a part of the subject solicitation.

A. CHANGES TO THE SOLICITATION:

Please note the following changes to the Solicitation:

1. **Question and Answer Deadline:** Extended to Monday, December 23, 2024, at 12:00 PM EST.
2. **Proposal Due Date:** Extended to Monday, January 6, 2025 at 3:00 PM EST.
3. **Section 1.15, Indemnification has been replaced with the following:**

1.15 Indemnification

Pursuant to Florida Statutes 725.08 and notwithstanding the provisions of Florida Statutes 725.06, the CONSULTANT shall indemnify and hold harmless the CITY, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the CONSULTANT and other persons employed or utilized by the CONSULTANT in the performance of this Agreement.

To the extent this indemnification clause or any other indemnification clause in this Agreement does not comply with Chapter 725, Florida Statutes, as may be amended, this provision and all aspects of the Contract Documents shall hereby be interpreted as the parties' intention for the indemnification clauses and Contract Documents to comply with Chapter 725, Florida Statutes, as may be amended. This Section shall survive expiration or termination of this Agreement.

4. **Section 1.21 Proposal Submission Deadline and Opening has been replaced with the following:**
1.21 PROPOSAL SUBMISSION DEADLINE AND OPENING: Sealed proposals will be received electronically via www.DemandStar.com and by the City Clerk's Office, City of Cooper City, 9090 SW 50th Place, Cooper City, Florida until 3:00 PM, Friday, December 13, 2024. The proposals will be opened and read aloud shortly thereafter. One (1) USB, one (1) original and three (3) copies of proposals must be presented in a sealed envelope and identified with the following information: "Continuing Professional Consulting Services, RFQ2024-1-PW#" for physical submissions. Electronic proposal submissions require the uploading of electronic attachments via www.DemandStar.com. The submission of electronic attachments containing embedded documents or proprietary file extensions is prohibited. All electronic proposals received and time stamped through DemandStar, prior to the proposal submittal deadline shall be accepted as timely submitted. **If you submit your Proposal and subsequently an Addendum is issued, failure to resubmit the Proposal, after acknowledging Addenda or making any edits to your Proposal, may result in your Proposal not being received by the City.** The City of Cooper City reserves the right to reject any or all proposals, to waive any informalities or irregularities in any proposals received, to re-advertise for proposals, to award only portions of the project, to award to multiple Proposers, or take any similar actions that may be deemed to be in the best interests



City of Cooper City, Florida
 RFQ 2024-1-PW,
 Continuing Professional Consulting Services (CCNA)
 Addendum #5
 of the City.

5. Section 2.4, Statement of Qualifications Content has been **replaced** with the following:

2.4 Statement of Qualifications Content:

Consultants interested in performing these professional services must identify which area(s) the firm(s) are interested in being considered. Consultants must display considerable relevant experience with the specified type of work (as listed on Exhibit "A") and should emphasize both the experience and capability of particular personnel who will actually perform the work. In order to ensure a uniform review process and to obtain the maximum degree of comparability, it is required that the Statements of Qualifications be organized in the manner specified. The following information and documents are required to be provided with Proposer's Statement of Qualifications. Failure to do so may deem your Statement of Qualifications non-responsive.

TAB 1: Table of Contents

The table of contents should outline in sequential order the major areas of the Statement of Qualifications, including enclosures. All pages must be consecutively numbered and correspond to the Table of Contents.

TAB 2: Letter of Interest

Provide a Letter of Interest indicating your firm's commitment to the project. Letter of interest shall include which area(s) the Proposer is interested in being considered for. The shall also include the following:

- a. Size of firm
- b. Range of activities
- c. Firms strength and stability
- d. Location of firm
- e. Summary of abilities and experience of the firms' professional personnel (Standard Form 330 - Attached)
- f. Summary of past performance of the firm on similar projects (Standard Form 330 - Attached)
- g. Recent, current, and projected workload of the firm, and availability and access to the firms' top level management personnel.
- h. Identification of firms, single, professionally licensed point of contact for all City projects.

TAB 3: Standard Form 330

Proposers shall complete both Part I and II of the Standard Form 330 so that the City can obtain adequate information for this RFQ. Proposer's shall use the attached Standard Form 330 or visit <https://www.gsa.gov/forms-library/architect-engineer-qualifications> for a PDF fillable version of this form.

Indicate the firm's number of years of experience in providing Engineering / Architect and or professional services. Indicate Business structure (Corp., Partnership, etc.) with proof; Firm should be established as a legal entity in the State of Florida; Company address, phone number, E-Mail address, web site, contact person(s), etc.; Relative size of the firm, including management, technical and support staff; Licenses and any other pertinent information shall be submitted. Please include the firm's proximity to the City of Cooper City, as well as the number of employees or staff members. TAB 4: Project Team/Manager's Experience (Form - Exhibit B) Proposers must list the members of the project team per discipline. Provide a list of the personnel to be used on each project and their qualifications. A brief resume including education, experience, licenses and any other pertinent information shall be included for each team member, for each project, to be assigned to each project. Provide any other documentation that demonstrates their ability to satisfy all of the minimum qualification requirements. Provide a summary of the experience and qualifications of the individual(s) who will be selected to serve as project managers for the City. Individuals MUST have a minimum of five (5) years' experience in architectural, engineering, or landscape architectural services, and have served as project manager/construction manager on similar projects on a minimum of three previous occasions.

TAB 4: Approach to Handling of Potential Projects

Describe your proposed approach to the project(s) that may be assigned to your firm. As part of the project approach, the firm shall propose a scheduling methodology (timeline) for effectively managing and executing the



City of Cooper City, Florida
RFQ 2024-1-PW,
Continuing Professional Consulting Services (CCNA)
Addendum #5

work in the optimum time. Provide the methodology or approach to formulating an "Opinion of Project Cost" Also provide information on your firm's current workload and how the potential project(s) will fit into your workload. Describe available facilities, technological capabilities and other available resources you offer for the potential project(s). Provide in concise narrative form, your understanding of the City's needs, goals and objectives as they relate to the potential project(s), and your overall approach to accomplishing the project(s). Give an overview on your proposed vision, ideas and methodology.

TAB 5: References

Provide a minimum of five (5) references, for each service that the Proposer's wishes to be considered for. Each reference shall be able to confirm the Proposer's experience and performance within the last five (5) years. References shall be from clients of similar size and complexity to Cooper City or larger municipalities, for which the Proposer has performed scopes similar those listed in this RFP. Proposers shall include the following information for each reference:

- Client Name, address, contact person, email address and phone number
- Description of service(s)/work performed
- Year the project was completed
- Total of fee(s) paid to firm
- Total cost of the construction, both estimated and actual.

TAB 6: Attached Forms

- Proposal Certification Form
- Sworn Statement regarding Public Entities Crimes
- Non-Collusion Form
- Scrutinized Companies Certification Form
- E-verify Certification Form
- Conflict of Interest Disclosure Form

6. Exhibit B has been **replaced** by Standard Form 330.
7. Domestic Partnership Certification Form has been **deleted** from this solicitation and not required to be submitted.
8. Article 6, Indemnification of the Sample Continuing Professional Services Agreement has been **replaced** with the following:

Article 6

INDEMNIFICATION

6.1 Pursuant to Florida Statutes 725.08 and notwithstanding the provisions of Florida Statutes 725.06, the CONSULTANT shall indemnify and hold harmless the CITY, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the CONSULTANT and other persons employed or utilized by the CONSULTANT in the performance of this Agreement.

To the extent this indemnification clause or any other indemnification clause in this Agreement does not comply with Chapter 725, Florida Statutes, as may be amended, this provision and all aspects of the Contract Documents shall hereby be interpreted as the parties' intention for the indemnification clauses and Contract Documents to comply with Chapter 725, Florida Statutes, as may be amended. This Section shall survive expiration or termination of this Agreement.

B. QUESTION AND ANSWERS:

The following questions were received during the Question-and-Answer period.

Question 1: Is the SF330 form required for this proposal response? It is included in the downloads on Demandstar, but not mentioned anywhere in the RFQ, including in what section to include it. Information requested in designated tabs including qualifications of firm, project team resumes, and references will all be duplicated information if the SF330 is required.

Answer 1: Yes. Please refer to Section A.5. of this addendum.



City of Cooper City, Florida
RFQ 2024-1-PW,
Continuing Professional Consulting Services (CCNA)
Addendum #5

Question 2: I noticed that the City added an SF-330 document to the procurement site. The RFQ does not require an SF-330 to be submitted. Are we allowed to submit our information following the format requested in the RFQ – or do we need to include an SF-330 also?

Answer 2: No, Proposers shall submit Standard Form 330 with their submittal. Please refer to Section A.5. of this addendum.

Question 3: I'm emailing in regard to the above referenced RFQ. On 11/27 SF 330 forms were uploaded to Demand Star with no explanation in the RFQ or addendum. Do we need to include these in our submittal? If so, is there a preferred tab?

Answer 3: Proposers shall include Standard Form 330 with their submittal. Please refer to Section A.5. of this addendum to determine what information should be included on each Tab.

Question 4: I am following up to see if the clarification on Standard Form 330, added to the submission, will be answered in the Addendum scheduled for Friday, December 6. This inquiry is based on the question from my previous email below. Thank you.

Answer 4: Proposers shall include Standard Form 330 with their submittal. Please refer to Section A.5. of this addendum to determine what information should be included on each Tab.

Question 5: We have encountered a query regarding the Domestic Partnership Certification Form as we finalize our submission for printing. The first four checkbox items refer to Section 2-197.1 of the City of Cooper City's Code of Ordinances. However, when we searched the City's Municipal Code of Ordinances & Charter website, Section 2-197 is marked as "Reserved" and lacks a definition (please see the attached document). Without knowing what Section 2-197.1 entails, we are unsure which items to select for our firm. Could you please provide the definition for Section 2-197.1?

Answer 5: The Domestic Partnership Certification Form has been removed from this solicitation. Please refer to Section A.7. of this addendum.

Question 6: Regarding Addendum 3, Clarification: In which section of the submittal does the City require the SF-330 to be included? It is not listed in the original RFQ. As per the RFQ, firm information/background, org chart, staff resumes, and key projects are already included. Are we providing a separate tab with the entire SF-330 in one spot?

Answer 6: Proposers shall include Standard Form 330 with their submittal. Please refer to Section A.5. of this addendum to determine what information should be included on each Tab.

Question 7: Respectfully, we request clarification re: addendum #3. Question/answer #9 indicates that submissions will be permitted via Demandstar: However, the e-bidding function does not show that it is active: Please confirm whether electronic responses are accepted. If so, please advise if the e-bid feature will be activated before the submission deadline.

Answer 7: Yes, electronic responses shall be accepted. The e-bid feature has been activated.

Question 8: Regarding the above-referenced RFQ, the latest addendum (#3) states that Form 330 must also be submitted. Could you please clarify in which section of the RFQ these forms should be included?

Answer 8: Proposers shall include Standard Form 330 with their submittal. Please refer to Section A.5. of this addendum to determine what information should be included on each Tab.



City of Cooper City, Florida
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Question 9: Question 16 of Addendum No. 3 asks about recreating the Exhibit B form. The answer to the question doesn't address Exhibit B and instead references completing Form 330 as required by the RFQ. I am not coming across anything in the original RFQ about including an SF330 with the submission. Can you please confirm if we are to include an SF330 and if yes, which tab should it be included in?

Answer 9: Proposers shall include Standard Form 330 with their submittal. Please refer to Section A.5. of this addendum to determine what information should be included on each Tab.

Question 10: The answer to question 9 of Addendum No. 3 allows for submitting through DemandStar only, but there is no option to submit an e-bid. Will the City be enabling the e-bid feature so we can submit electronically?

Answer 10: Yes, electronic responses shall be accepted. The e-bid feature has been activated.

Question 11: With reference to the above RFQ and Addendum 3, Item 9. Please confirm that bids will be received online through Demandstar. If that is the case, please let us know when Demandstar will be updated to be able to receive the uploaded bids. At this time there is no ability to upload to Demandstar. Also, What section do you want SF330 to be placed.

Answer 11: Yes, electronic responses shall be accepted. The e-bid feature has been activated. Section A.5. of this Addendum details how Standard Form 330 shall be submitted.

Question 12: Answer to No. 1 of Addendum No. 3 states: 5 references are sufficient. Answer to Question No. 2 states "per each area your firm desires". Which would the City prefer: 5 total references or 5 per category?

Answer 12: TAB 5: References, has been replaced to require Proposers to provide a minimum of five (5) references, for each service that the Proposer's wishes to be considered for. Please refer to Section A.5. of this addendum to determine what information should be included on each Tab.

Question 13: Answer to No. 3 states: the City desires only the Prime Consultant. Answer to No. 15 & 17 indicates that subs should be on the team. Should the proposer add subconsultants to the team?

Answer 13: If a Proposer intends to utilize sub-consultant(s), then the sub-consultant shall be added to the team.

Question 14: We are still unsure what to do with reference to Question 16. Is it ok to recreate the 2nd page to Exhibit B since the form is difficult to manipulate?

Answer 14: Proposer's shall submit Standard Form (SF) 330.

Question 15: Question 9: the City responded "yes" to submit submittal on Demandstar. The RFQ states on Page 10, No. 1.21 to deliver proposals to the City. Which does the City prefer, to submit on Demandstar or deliver a hard copy to the City? There is not an option to submit on DemandStar.

Answer 15: DemandStar has been updated to allow for electronic submissions. Method of submittal is at the discretion of the Proposer.

Question 16: Under which Tab would the City prefer we include the SF330?



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Question 16: Please refer to Section A.5. of this addendum to determine how to include Standard Form 330.

Question 17: In addendum 3, question #9 of the above referenced solicitation someone asked if we were able to submit the RFQ through Demandstar only and the response was yes. The RFQ indicates printed hard copies would be required to be brought to City Hall and there isn't an option on Demandstar to submit anything. I just wanted to confirm whether a digital submittal is an option or if it is required to submit only hard copies?

Answer 17: DemandStar has been updated to allow for electronic submissions. The method of submittal is at the discretion of the Proposer.

Question 18: Will you clarify which portions of the proposal need to be in SF 330 format? For example, what exactly is a "key person"? Do you want all of the proposed team's resumes to be in SF 330 format instead of the format we usually use, or in addition to the resumes we usually use? Or do you just want the project manager's resume to be in SF 330 format?

Answer 18: Section A.5. of this addendum details how to include Standard Form 330. Key Personnel are employees of the Proposer considered to be essential to the performance of execution of the resultant scope of work.

Question 19: The first four checkbox items refer to Section 2-197.1 of the City of Cooper City's Code of Ordinances. However, when we searched the City's Municipal Code of Ordinances & Charter website, Section 2-197 is marked as "Reserved" and it does not provide a description or definition for what it is (please see the attached Word document). Without knowing what Section 2-197.1 pertains to, we are unsure which items to select for our firm on the Domestic Partnership Certification Form in our qualifications submittal. Can you please provide the definition for Section 2-197.1?

Answer 19: The Domestic Partnership Certification Form has been removed from this solicitation. Please refer to Section A.7. of this addendum.

Question 20: Can the City provide a list of previous incumbents/ previously awarded firms?

Answer 20: CCNA services were previously awarded under RFQ 2020-1-UTL. The solicitation was awarded to the following firms:
Chen Moore and Associates, Inc. | Hazen & Sawyer, P.C. | The Corradino Group, Inc.

Question 21: Is a hardcopy proposal required or will the City accept a electronic submittal through Demandstar?

Answer 21: The City will accept electronic submittals. DemandStar has been updated to allow for electronic submissions.

Question 22: Is there a page limit for the Statement of Qualifications Package?

Answer 22: No.

Question 23: Does the City have any small business preference?

Answer 23: No, unfortunately, Cooper City does not have a small business preference.

Question 24: Does the City have any local business preference?

Answer 24: No, unfortunately, Cooper City does not have a local business preference; however If all bids received are for the same total amount or unit price, quality and service being equal, the contract shall be awarded based on the following criteria to be



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considered in the following order of priority: (a) A local bidder with a primary business location within the City of Cooper City. (b) A bidder with a primary business location within Broward, Miami- Dade or Palm Beach Counties. (c) A bidder with a primary business location within the State of Florida.

Question 25: A standard form 330 was added as a document on Demandstar, is the SF 330 expected to be filled out by proposers, if so, under which Tab would the City prefer it to be included?

Answer 25: Proposer's shall submit Standard Form (SF) 330. Section A.3. of this addendum details how to include Standard Form 330.

Question 26: As currently worded, we believe that the indemnity provisions in Section 1.15 on page 8, and Article 6.1 on page 56, of the RFQ does not comply with FL Statute 725.08 and is unenforceable. Will you agree to reword the indemnification to conform with the statute? Suggested language per FL Statute 725.08: "The design professional shall indemnify and hold harmless the agency, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the design professional and other persons employed or utilized by the design professional in the performance of the contract."

Answer 26: Both Section 1.15 and Article 6.1 of Draft Agreement have been revised. Please see Section A.5. of this Addendum.

Question 27: A sample SF330 was posted on November 27th, could you please clarify if this was posted solely for informational purposes? If it is intended to be an addition to the submittal, may we provide the resume and project information in our own format, as long as it includes the same details as the attached SF330?

Answer 27: Proposer's shall submit Standard Form (SF) 330. Proposer's shall follow the instructions listed within Standard Form 330.

Question 28: Will you accept the previously requested brief resumes instead of SF-330, which was just instructed on 11/27/24

Answer 28: No, Proposer's shall submit Standard Form (SF) 330. Section A.5. of this addendum details how to include Standard Form 330.

Question 29: Please explain/clarify the purpose of Addendum #2. Does the City prefer that we use the SF-330 form for the proposal submittal?

Answer 29: The purpose of Addendum # 2 was to extend the proposal due date. Proposer's shall submit Standard Form (SF) 330. Section A.5. of this addendum details how to include Standard Form 330.

Question 30: Will Section 2.4 Statement of Qualifications Content be revised to include the requirement for the SF330?

Answer 30: Section 2.4 has been revised. Section A.5. of this addendum details how to include Standard Form 330.

Question 31: An addendum for the City of Cooper City called (Standard Form 330-Architect Engineering Qualifications) was just posted; does a full SF 330 also need to be apart of the submittal along with the original resumes requested?

Answer 31: Section A.5. of this addendum details how to include Standard Form 330.

Question 32: According to Addendum 3, Question 9, it states that proposals can be submitted via DemandStar only. However, we



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are currently unable to see an option to submit on DemandStar. Will this feature be enabled to accept e-submissions?

Answer 32: DemandStar has been updated to allow for electronic submissions. The method of submittal is at the discretion of the Proposer.

Acknowledgment of Addendum #5

Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.

Acknowledged by: 

Print Name:

Joseph M. Corradino, AICP - President

Company:

The Corradino Group, Inc.

Date:

12/27/2024



City of Cooper City, Florida
RFQ 2024-1-PW,
Continuing Professional Consulting Services (CCNA)
Addendum #6



Addendum #6

(Issued Monday, December 30, 2024)

RFQ 2024-1-PW, Continuing Professional Consulting Services (CCNA)

This addendum becomes a part of the subject solicitation.

A. CHANGES TO THE SOLICITATION:

Please note the following changes to the Solicitation:

1. **Proposal Due Date:** Extended to Tuesday, January 21, 2025 at 3:00 PM EST.
2. **Question and Answer Due Date:** Extended to Friday, January 3, 2025 at 12:00 PM EST.
3. **Section 2.4, Statement of Qualifications Content has been replaced with the following:**

2.4 Statement of Qualifications Content:

Consultants interested in performing these professional services must identify which area(s) the firm(s) are interested in being considered. Consultants must display considerable relevant experience with the specified type of work (as listed on Exhibit "A") and should emphasize both the experience and capability of particular personnel who will actually perform the work. In order to ensure a uniform review process and to obtain the maximum degree of comparability, it is required that the Statements of Qualifications be organized in the manner specified. The following information and documents are required to be provided with Proposer's Statement of Qualifications. Failure to do so may deem your Statement of Qualifications non-responsive.

TAB 1: Table of Contents

The table of contents should outline in sequential order the major areas of the Statement of Qualifications, including enclosures. All pages must be consecutively numbered and correspond to the Table of Contents.

TAB 2: Letter of Interest

Provide a Letter of Interest indicating your firm's commitment to the project. Letter of interest shall include which area(s) the Proposer is interested in being considered for. The letter shall also include the following:

- a. Size of firm, to include the number of employees or staff members (including management, technical and support staff);
- b. Range of activities
- c. Firms strength and stability
- d. Location of firm; proximity to the City of Cooper City
- e. Summary of abilities and experience of the firms' professional personnel
- f. Summary of past performance of the firm on similar projects
- g. Indicate the firm's number of years of experience in providing Engineering / Architect and or professional services and Business structure (Corp., Partnership, etc.) with proof;
- h. Recent, current, and projected workload of the firm, and availability and access to the firms' top level management personnel.



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- i. Identification of firms, single, professionally licensed point of contact for all City projects.

TAB 3: Exhibit A/Standard Form 330

Proposers shall complete both Part I and II of the Standard Form 330 so that the City can obtain adequate information for this RFQ. Proposer's shall use *the attached Standard Form 330* or visit <https://www.gsa.gov/forms-library/architect-engineer-qualifications> for a PDF fillable version of this form. Tab 3 must include a list of the personnel to be used on each project and their qualifications. A brief resume including education, experience, licenses and any other pertinent information (such as company address, phone number, E-Mail address, web site, contact person(s), etc.) shall be included for each team member, for each project, to be assigned to each project. Provide any other documentation that demonstrates their ability to satisfy all of the minimum qualification requirements. Provide a summary of the experience and qualifications of the individual(s) who will be selected to serve as project managers for the City. Individuals MUST have a minimum of five (5) years' experience in architectural, engineering, or landscape architectural services, and have served as project manager/construction manager on similar projects on a minimum of three previous occasions. All additional information shall be included in Section H. Additional Information of SF 330.

TAB 4: Professional Registration Certificates

A reproduction of the firm's current professional registration certificate(s) is required for the services offered and must be in the name of the firm offering said services (architecture, engineering, general contractor or other certification required). Firms must be properly registered at the time of application to practice their profession in the State of Florida and with the appropriate State Board governing the services offered. Firm should be established as a legal entity in the State of Florida.

TAB 5: Approach to Handling of Potential Projects

Describe your proposed approach to the project(s) that may be assigned to your firm. As part of the project approach, the firm shall propose a scheduling methodology (timeline) for effectively managing and executing the work in the optimum time. Provide the methodology or approach to formulating an "Opinion of Project Cost" Also provide information on your firm's current workload and how the potential project(s) will fit into your workload. Describe available facilities, technological capabilities and other available resources you offer for the potential project(s). Provide in concise narrative form, your understanding of the City's needs, goals and objectives as they relate to the potential project(s), and your overall approach to accomplishing the project(s). Give an overview on your proposed vision, ideas and methodology.

TAB 6: Exhibit A/References

Proposers shall complete Exhibit A – Services to be Considered For and provide a minimum of five (5) references, for each discipline that the Proposer's wishes to be considered for. Each reference shall be able to confirm the Proposer's experience and performance within the last five (5) years. References shall be from clients of similar size and complexity to Cooper City or larger municipalities, for which the Proposer has performed scopes similar those listed in this RFP. Proposers shall include the following information for each reference:

- Client Name, address, contact person, email address and phone number
- Description of service(s)/work performed
- Year the project was completed
- Total of fee(s) paid to firm
- Total cost of the construction, both estimated and actual.

TAB 7: Attached Forms

- Proposal Certification Form
- Sworn Statement regarding Public Entities Crimes
- Non-Collusion Form
- Scrutinized Companies Certification Form
- E-verify Certification Form
- Conflict of Interest Disclosure Form



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B. QUESTION AND ANSWERS:

The following questions were received during the Question-and-Answer period.

Question 1: Do we need to include in our response package a copy of our Certificate of Insurance or after notification of award?

Answer 1: The successful proposer will furnish to the City, Certificates of Insurance or endorsements evidencing the insurance coverage specified above within seven (7) days after notification of an award. The required Certificates of Insurance or endorsements will not only name the types of policies continued but will also refer specifically to this contract and will state that such insurance is as required by this contract. Refer to Section 16. Proof of Insurance Coverage

Question 2: Do we need to include/provide in our response package a statement and/or documentation concerned with the performance of the following listed below, if applicable? If so, what tab should we use to insert this information/statement? (bankruptcy, mortgage foreclosures; previous or pending litigation and/or restrictions, restraints or impositions imposed by federal or state regulatory agencies such as Federal Housing Administration, Securities and Exchange Commission, etc.)

Answer 2: The City will have the right to investigate the financial condition, experience record, and equipment of each proposer and determine to its satisfaction the competency of each to undertake the project. The proposer will submit documentation concerned with the past performance and integrity of a contractor/developer. Accordingly, proposer should provide information as to any of the following: (a) bankruptcy, (b) mortgage foreclosures; (c) previous or pending litigation and (d) restrictions, restraints or impositions imposed by federal or state regulatory agencies such as Federal Housing Administration, Securities and Exchange Commission, etc., that apply to the proposer/contractor/developer. Refer to Section 1.7 Proposer's Experience Record.

Question 3: Since the City extended the "Q&A" deadline, can you revise the proposal due date, again, to sometime after January 6th, 2025? Due to the holidays, many offices are closed or short-staffed the last week of December.

Answer 3: Proposal due date has been extended to Tuesday, January 21, 2025 at 3:00 PM EST.

Question 4. Addendum #3, Question #2: Under what section does the City prefer the Proposers to include their project experience (besides the reference section)? CITY OF COOPER CITY RESPONSE / ANSWER 2: TAB 6 References Please provide the details of "Project Experience" per each area your firm desires to be considered the prime consultant. COMMENT/QUESTION: We're an architectural firm, so TAB 6 will only include projects/services listed in "Exhibit A – Architecture", correct? Can these projects be the same and/or different than those found in the SF330 form? Also, can you clarify what is meant by "structural" listed in "Exhibit A – Architecture"? What type of project experience are you looking for/referring to? Example?

Answer 4: Correct. Yes those projects can be the same. Structural as it relates to Exhibit A - Architecture, are structural design services limited of Architects licensure. These types of projects may include design of a multi-floor habitable structure, docks or seawalls, slabs, or buildings with reinforced concrete, wood or plastics design and construction.

Question 5: Addendum #3, Question 3: "is the City looking for us to (a) ONLY submit for services specific to each Exhibit A in which we will be prime and omit any potentially needed sub-consultant? Alternatively (b) include sub-consultants that we anticipate would be needed, even if they have their own dedicated Exhibit A? (For example: How do we address Civil Engineering as prime and Geotechnical Engineering as a sub-consultant?) CITY OF COOPER CITY RESPONSE / ANSWER 3: The City desires only the prime consultant, as identified in Exhibit A. COMMENT/QUESTION: As architects, our specialty includes studies, design, plan review, and cost estimating among others. These tasks can be achieved by our firm alone, but for many other projects, additional disciplines are required. How do we list/mention and/or where do we include subconsultant information in our response package?

Answer 5: Subconsultants shall be listed on Standard Form 330.



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Question 6: Addendum #3, Question 12: Can we extend Exhibit B to include all project team members and add a column for "Other"? CITY OF COOPER CITY RESPONSE / ANSWER 12: Yes COMMENT/QUESTION: Is "Exhibit B" Form being replaced entirely by SF330 packet (Parts I +II) or is it a separate form/requirement in addition to the SF330 packet (Parts I +II)?

Answer 6: Exhibit B Form has been replaced by Standard Form 330. Please see Section A. of Addendum No. 6.

Question 7: Addendum #3, Question 14: If a firm is pursuing continuing consulting services for architectural services, should that firm include subconsultants/services such as MEP, Structural etc.? CITY OF COOPER CITY RESPONSE / ANSWER 14: Yes, and if you change these, the Contract eventually executed should require you to update any of these selections and request approval by City before using any different sub consultants. COMMENT/QUESTION: As architects, our specialty includes studies, design, plan review, and cost estimating among others. These tasks can be achieved by our firm alone, but for many other projects, additional disciplines are required. How do we list/mention and/or where do we include subconsultant information in our response package?

Answer 7: Subconsultants shall be listed on Standard Form 330.

Question 8: Addendum #3, Question 15: We would like to know if the City wants subconsultants included in the proposal submittal. If subconsultants as to be included should they fill out the Exhibits A & B? CITY OF COOPER CITY RESPONSE / ANSWER 15: No, those sub consultants would not necessarily need to complete the Exhibit A & B inquiries. We can evaluate them through the proposal review process. COMMENT/QUESTION: please clarify on how the city will "evaluate subconsultants through the proposal review process". The answer to Question 14 states that an architectural firm should include subconsultants/services such as MEP, Structural, etc. however, the subconsultant will not be part of Exhibits A & B, so are subconsultants going to be included in the SF330 packet (Parts I +II), then? Or is a list all that is needed?

Answer 8: Subconsultants shall be listed on Standard Form 330.

Question 9: Addendum #3, Question 16: In regard to the above-referenced project, is it acceptable to recreate the Exhibit B form (page 2) with the table that lists the project team? It is difficult to fit the information on the form provided with the RFQ. : CITY OF COOPER CITY RESPONSE / ANSWER 16: Yes, please complete Form 330, Parts I and II, as required by the RFQ. The form has been uploaded to Demandstar as an amendment. COMMENT/QUESTION: you stated above that the SF330 "is required by the RFQ". Where else in the RFQ is form SF330 mentioned? In 2020, SF300 was part of "Tab 2". This year (2024), there is no mention of an SF 330 form other than in your response to Question #16 above. Is TAB #4 going to include Exhibit B Form and the SF330 packet (Parts I +II) or is Exhibit B being replaced entirely by SF330 packet (Parts I +II)?

Answer 9: Please refer to Section A. of Addendum No. 6.

Question 10: Addendum #3, Question 17: Is the expectation of the City that each firm submits its qualifications as a sole entity and not as a team with subconsultants? CITY OF COOPER CITY RESPONSE / ANSWER 17: Yes. Each consultant should submit its own qualifications and list its sub consultants to be used, not as a team of consultants. The City desires specialized consultants that can self-perform a substantial amount of work included in the project but acknowledges some sub consultants may be needed for specific needs in portions of any project undertaken. COMMENT/QUESTION: Where should we include the list of sub consultants to be used? are subconsultants going to be included in the SF330 packet (Parts I +II)?

Answer 10: Subconsultants shall be listed on Standard Form 330.

Question 11: Regarding Addendum 5, can you please clarify the following:

- Item 5 on page 2 revises the proposal content from the original RFQ – will there be an additional deadline extension to revise our proposals?



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- *The new content shows as follows:*
 - TAB 1: Table of Contents
 - TAB 2: Letter of Interest (SF 330 information is requested in this section)
 - TAB 3: Standard Form 330 (do you want the SF 330 twice?)
 - TAB 4: Project Team/Manager's Experience (Form - Exhibit B) – (elsewhere in this addendum it is noted that Exhibit B is replaced by SF 330 – do we include Exhibit B or not?)
 - TAB 4: Approach to Handling of Potential Projects (there are two Tab 4s – do we change this to Tab 5 and revise the other tab numbers accordingly?)
 - In which Tab should we include Exhibit A?

Answer 11: Proposal due date has been extended to *Tuesday, January 21, 2025 at 3:00 PM EST. SF 330 replaced Exhibit B.* The TABs have been updated; please see Section A. of Addendum No. 6. Exhibit A should be submitted under TAB 6.

Question 12: In regards to the Addendum #5 which was just issued for the above noted RFQ, I have the following questions. Under section A.5 on page 2, the Standard Form 330 is called out for under Tab #2 (items e and f) and also at the beginning of Tab #3. In addition, under the first noted Tab #4 (mid paragraph in the middle of page 2), Exhibit B is still called out which according to section A.6 on page 3, should be replaced with the SF330 form. So, where in fact do you want the SF 330 included?

Answer 12: Please see Section A. of Addendum No. 6.

Question 13: In regards to the Addendum #5 which was just issued for the above noted RFQ, I have the following questions. Also under section A.5 on page 2, there appear to be multiple Tab #4 sections now listed (mid paragraph in the middle and also at the bottom of page 2). Is this correct or if not, how should these Tabs be numbered?

Answer 13: Please see Section A. of Addendum No. 6.

*Question 14: In regards to the Addendum #5 which was just issued for the above noted RFQ, I have the following questions. Under section A.5 on page 3, the Tab #5 References now states that a minimum of 5 references shall be provided for **each service** that the Proposer wishes to be considered for. So for example, a proposer who wishes to be considered for providing the 5 services listed under the Transportation discipline along with the 5 services listed under the Water/Wastewater/Stormwater discipline would need to provide 50 references (i.e. 10 services x 5 references per service). Would this be correct?*

Answer 14: No, 5 references per discipline. See Section A. of Addendum No. 6.

Question 15: Where in our submittal should we include Exhibit A?

Answer 15: Exhibit A should be included under TAB 6. See Section A. of Addendum No. 6.

Question 16: Could you please confirm the term "References" refers to providing five project examples for each service, rather than reference letters from other clients?

Answer 16: Provide a minimum of five (5) references, for each discipline that the Proposer's wishes to be considered for. Each reference shall be able to confirm the Proposer's experience and performance within the last five (5) years. References shall be from clients of similar size and complexity to Cooper City or larger municipalities, for which the Proposer has performed scopes similar those listed in this RFP. Proposers shall include the following information for each reference:

- Client Name, address, contact person, email address and phone number
- Description of service(s)/work performed
- Year the project was completed
- Total of fee(s) paid to firm
- Total cost of the construction, both estimated and actual.



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Question 17: In the References TAB, can one project cover more than one service? For example, one project covering both Civil and Landscape Architecture

Answer 17: Yes, just ensure that reference highlights each discipline in which it will cover.

Question 18: Addendum #5 Response 4. Kept due date of December 13? and by the City Clerk's Office, City of Cooper City, 9090 SW 50th Place, Cooper City, Florida until 3:00 PM, Friday, December 13, 2024.

Answer 18: Section A. of Addendum No. 6 extended the Proposal Due Date to Monday, January 20, 2025 at 3:00 PM EST.

Question 19: On page 2 of 4, You have Tab 4 listed as Project Team/Manager's experience and then you have another Tab 4 of Approach to Handling the Potential Projects?

TAB 4: Project Team/Manager's Experience (Form - Exhibit B) Proposers

TAB 4: Approach to Handling of Potential Projects

Answer 19: The TABs have been updated. Please see Section A. of Addendum No. 6.

Question 20: On Page 2 of 4, you request licenses in Tab 3 and also in the first Tab 4. Where would you like the licenses placed?

Answer 20: The TABs have been updated. Please see Section A. of Addendum No. 6.

Question 21: Answer 6 states Exhibit B has been replaced with SF-330s. However, in your first Tab 4, you request Exhibit B Page 2 of 4 (really 2 of 8). Do you want Exhibit B or not and if not what do you want under Tab 4. Project Team?

TAB 4: Project Team/Manager's Experience (Form - Exhibit B) Proposers must list the members of the project team per discipline. Provide a list of the personnel to be used on each project.

Answer 21: The TABs have been updated. Please see Section A. of Addendum No. 6. Project team shall be input on SF 330.

Acknowledgment of Addendum #6

Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.

Acknowledged by:

Print Name:

Joseph M. Corradino, AICP - President

Company:

The Corradino Group, Inc.

Date:

12/30/2024



City of Cooper City, Florida
RFQ 2024-1-PW,
Continuing Professional Consulting Services (CCNA)
Addendum #7



Addendum #7

(Issued Friday, January 3, 2025)

RFQ 2024-1-PW, Continuing Professional Consulting Services (CCNA)

This addendum becomes a part of the subject solicitation.

A. CHANGES TO THE SOLICITATION:

Please note the following changes to the Solicitation:

1. Section 2.4, Statement of Qualifications Content has been **replaced** with the following:

2.4 Statement of Qualifications Content:

Consultants interested in performing these professional services must identify which area(s) the firm(s) are interested in being considered. Consultants must display considerable relevant experience with the specified type of work (as listed on Exhibit "A") and should emphasize both the experience and capability of particular personnel who will actually perform the work. In order to ensure a uniform review process and to obtain the maximum degree of comparability, it is required that the Statements of Qualifications be organized in the manner specified. The following information and documents are required to be provided with Proposer's Statement of Qualifications. Failure to do so may deem your Statement of Qualifications non-responsive.

TAB 1: Table of Contents

The table of contents should outline in sequential order the major areas of the Statement of Qualifications, including enclosures. All pages must be consecutively numbered and correspond to the Table of Contents.

TAB 2: Letter of Interest

Provide a Letter of Interest indicating your firm's commitment to the project. Letter of interest shall include which area(s) the Proposer is interested in being considered for. The letter shall also include the following:

- a. Size of firm, to include the number of employees or staff members (including management, technical and support staff);
- b. Range of activities
- c. Firms strength and stability
- d. Location of firm; proximity to the City of Cooper City
- e. Summary of abilities and experience of the firms' professional personnel
- f. Summary of past performance of the firm on similar projects
- g. Indicate the firm's number of years of experience in providing Engineering / Architect and or professional services and Business structure (Corp., Partnership, etc.) with proof;
- h. Recent, current, and projected workload of the firm, and availability and access to the firms' top level management personnel.
- i. Identification of firms, single, professionally licensed point of contact for all City projects.



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TAB 3: Standard Form 330

Proposers shall complete both Part I and II of the Standard Form 330 so that the City can obtain adequate information for this RFQ. Proposer's shall use the attached Standard Form 330 or visit <https://www.gsa.gov/forms-library/architect-engineer-qualifications> for a PDF fillable version of this form. Tab 3 must include a list of the personnel to be used on each project and their qualifications. A brief resume including education, experience, licenses and any other pertinent information (such as company address, phone number, E-Mail address, web site, contact person(s), etc.) shall be included for each team member, for each project, to be assigned to each project. Provide any other documentation that demonstrates their ability to satisfy all of the minimum qualification requirements. Provide a summary of the experience and qualifications of the individual(s) who will be selected to serve as project managers for the City. Individuals MUST have a minimum of five (5) years' experience in architectural, engineering, or landscape architectural services, and have served as project manager/construction manager on similar projects on a minimum of three previous occasions. All additional information shall be included in Section H. Additional Information of SF 330.

TAB 4: Professional Registration Certificates

A reproduction of the firm's current professional registration certificate(s) is required for the services offered and must be in the name of the firm offering said services (architecture, engineering, general contractor or other certification required). Firms must be properly registered at the time of application to practice their profession in the State of Florida and with the appropriate State Board governing the services offered. Firm should be established as a legal entity in the State of Florida.

TAB 5: Approach to Handling of Potential Projects

Describe your proposed approach to the project(s) that may be assigned to your firm. As part of the project approach, the firm shall propose a scheduling methodology (timeline) for effectively managing and executing the work in the optimum time. Provide the methodology or approach to formulating an "Opinion of Project Cost" Also provide information on your firm's current workload and how the potential project(s) will fit into your workload. Describe available facilities, technological capabilities and other available resources you offer for the potential project(s). Provide in concise narrative form, your understanding of the City's needs, goals and objectives as they relate to the potential project(s), and your overall approach to accomplishing the project(s). Give an overview on your proposed vision, ideas and methodology.

TAB 6: Exhibit A/References

Proposers shall complete Exhibit A – Services to be Considered For and provide a minimum of five (5) references, for each discipline that the Proposer's wishes to be considered for. Each reference shall be able to confirm the Proposer's experience and performance within the last five (5) years. References shall be from clients of similar size and complexity to Cooper City or larger municipalities, for which the Proposer has performed scopes similar those listed in this RFP. Proposers shall include the following information for each reference:

- Client Name, address, contact person, email address and phone number
- Description of service(s)/work performed
- Year the project was completed
- Total of fee(s) paid to firm
- Total cost of the construction, both estimated and actual.

TAB 7: Attached Forms

- Proposal Certification Form
- Sworn Statement regarding Public Entities Crimes
- Non-Collusion Form
- Scrutinized Companies Certification Form
- E-verify Certification Form
- Conflict of Interest Disclosure Form
- Acknowledgement of Addendum(s)



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B. QUESTION AND ANSWERS:

The following questions were received during the Question-and-Answer period.

Question 1: Would you like us to include the signed addendums under the forms section?

Answer 1: The signed addendums should be included in Tab 7.

Question 2: On Page 2, Tab 3 includes Exhibit A and then Tab 6 includes Exhibit A – Do you want this in both places?

Answer 2: Exhibit A has been removed from Tab 3. Please see Section A. of Addendum No. 7.

Question 3: Due date is January 21, 2025 – on Question 18 it refers to January 20? Please confirm Question 18: Addendum #5 Response 4. Kept due date of December 13? and by the City Clerk's Office, City of Cooper City, 9090 SW 50th Place, Cooper City, Florida until 3:00 PM, Friday, December 13, 2024.

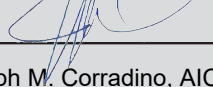
Answer 3: Proposal due date is Tuesday, January 21, 2025 at 3:00 PM EST.

Question 4: Since Exhibit A is to be included in Tab 6, shouldn't "Exhibit A" be deleted from the title of Tab 3?

Answer 4: Exhibit A has been removed from Tab 3. Please see Section A. of Addendum No. 7.

Acknowledgment of Addendum #7

Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.

Acknowledged by: 
Print Name: Joseph M. Corradino, AICP - President

Company: The Corradino Group, Inc.
Date: 1/9/2025

THE CORRADINO GROUP

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