

**RFQ # 12357-206**

**BREAKERS AVE. STREETScape AND INFRASTRUCTURE  
IMPROVEMENTS PROJECT**



**Contact: Cris Betancourt, RLA, AICP**

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Office Location  
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Suite 630  
Fort Lauderdale, FL 33309





500 West Cypress Creek Road  
Suite 630  
Fort Lauderdale, FL 33309  
Phone: +1 954.730.0707  
Fax: +1 954.730.2030  
www.chenmoore.com

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## **Letter of Interest**

December 20, 2019

City of Fort Lauderdale  
Attn: James Hemphill  
Procurement Services Division  
100 N Andrews Avenue, Suite 619  
Fort Lauderdale, FL 3330

**Re: RFQ # 12357-206 Breakers Ave. Streetscape and Infrastructure Improvements Project**

Dear Selection Committee,

Chen Moore and Associates (CMA) is pleased to submit our response to provide professional engineering services for the Breakers Avenue Streetscape project. CMA is a civil engineering/ landscape architecture firm founded in 1986 with five offices in Florida. This project will be led from our Fort Lauderdale office located at 500 W. Cypress Creek Road, Suite 630 in Fort Lauderdale, FL 33309.

CMA has completed major streetscape projects including design, permitting, and construction administration projects throughout Florida and Broward County. CMA has assembled a team of highly specialized staff and subconsultants for this assignment. CMA commits Mr. Cristobal Betancourt, RLA, AICP as the primary contact and Project Manager for the successful completion of this project. Mr. Betancourt has 24 years of professional experience in the planning and implementation of capital improvements projects with a passion for public space design. Mr. Betancourt is the Project Manager for our Continuing Services contracts for Landscape Architecture with the City of Fort Lauderdale and Streetscapes with the City of Hollywood. His in-house team includes landscape architects, planners, civil engineers, arborists, irrigation designers, and GIS specialists, completing unique streetscapes such as The Art Walk in Coral Springs and the recent master planning and capital improvements projects for the redevelopment of Lincoln Road in Miami Beach. His team also developed early concepts for streetscape improvements along old Dixie Highway in Fort Lauderdale and landscape architecture for three phases of the reconstruction of Wiles Road in Coral Springs using Broward County Complete Streets Guidelines. CMA has recent work experience with the City of Fort Lauderdale including 2nd Avenue Drainage Improvements, Fire Station 8, 23rd Avenue Drainage Improvements, Bayshore Drive Intracoastal crossing, and multiple others. Our subconsultant team includes **Tindale Oliver** for Traffic Engineering and Public Outreach; Professor **Eric Dumbaugh of Florida Atlantic University** for Street Design and Road Safety; **Delta G Consulting Engineers, Inc.** for Electrical Engineering; **Stoner and Associates, Inc.** for Survey; and **Nutting Engineers of Florida, Inc.** for Geotechnical Engineering services. Each has been selected for their prior experience working in support of CMA.

We have familiarized ourselves with the vision plan for the corridor and visited the project site to develop our approach and methodology to the project. The streets of Fort Lauderdale Beach create a unique identity for the City's coastal, tourist driven economy. Through our many streetscape, infrastructure and Neighborhood Improvement Projects completed throughout Southeast Florida, CMA brings invaluable experience to the City of Fort Lauderdale.

Each member of the CMA team is committed to providing the City of Fort Lauderdale with responsive professional services. We look forward to the opportunity to present our qualifications and approach to this project in more detail to the selection committee. Should you have any questions, please do not hesitate to contact me at 954.730.0707, ext.1002 or pmoore@chenmoore.com.

Respectfully submitted,



CHEN MOORE AND ASSOCIATES  
Peter Moore, P.E., F.ASCE, ENV SP, LEED AP, President

*Your Trusted Advisor for Infrastructure and Planning Needs*

# 1. TABLE OF CONTENTS

Section Number	Section Title	Page Number
	Letter of Interest	1
1	Table of Contents	3
2	Executive Summary	5
3	Firm Qualifications and Experience	11
	• Licenses	14
	• Standard Form 330	20
4	Organizational Profile and Project Team	105
	• Organizational Chart	109
5	Project Understanding / Unique Characteristics	111
6	Approach to Scope of Work	115
	• Schedule	120
	• Workload	121
7	References	123
8	Minority (MBE) Participation	125
9	Required Forms	127
	• Statement of Qualification Certification	128
	• Non-Collusion Statement	129
	• Contract Payment Method	130
	• Sample Insurance Certificate	131
	• Contractor's Certificate of Compliance With Non-Discrimination Provisions Of The Contract	132
	• Addenda	133

## 2. EXECUTIVE SUMMARY

Chen Moore and Associates (CMA) is a multi-discipline consulting firm with offices in Broward, Miami-Dade, Orange, Palm Beach and Alachua Counties. Founded in 1986, Chen Moore and Associates specializes in landscape architecture, planning, civil and environmental engineering, GIS analysis and mapping, and construction engineering inspection. We are a Florida state and locally certified small business enterprise firm. Dr. Chen founded CMA believing that relationships are critical to planning, designing and constructing successful projects. The firm commits to providing responsive quality services while meeting the schedules and specific project needs of our clients.

CMA actively supports various community organizations including Habitat for Humanity, Toys for Tots, the Cooperative Feeding Program, and Ocean Watch, a non-profit group focused on cleaning and preserving South Florida's Beaches. Firm staff participates in local professional society events including American Society of Landscape Architects, Irrigation Association, Florida Recreation and Park Association, International Society of Arboriculture, the United States Green Building Council, American Society of Civil Engineers and Florida Engineering Society. We proudly support our industry and the communities in which we live, play and work.

Our services include the following:

- Landscape Architecture
- Park Design
- Hardscape Design
- Irrigation Design
- Greenway & Trails Design
- Pedestrian & Bicycle Pathway Design
- Habitat Restoration
- Wayfinding
- GIS Analysis and Mapping
- Project and Program Management
- Sustainable Design and LEED Solutions
- Value Engineering
- Utility Rate and Infrastructure Valuation Studies
- Infrastructure Master Planning
- Pump Station Design and Rehabilitation
- Water Supply, Treatment and Distribution Design
- Stormwater Management System Design and Master Plans
- Environmental Engineering
- Roadway Design and Streetscape
- Traffic Calming Design
- Circulation & Roundabout Design
- Government Permitting
- Land Development
- Site Development
- Site Planning
- Resident Coordination and Stakeholder Meetings





## Landscape Architecture and Planning Services

- Master Planning
- Site Planning Design and Processing
- Irrigation Design
- Community Planning
- Urban Redevelopment
- Comprehensive Planning
- Parks and Recreation Planning and Design
- Campus Planning and Design
- Due Diligence and Feasibility Reports
- Land Use Entitlements
- Landscape Planning and Design
- Hardscape Feature Design
- Streetscape Design
- Greenway and Trails Design
- Wayfinding
- Lighting Design
- Graphic Design and Presentation
- Habitat Restoration



Chen Moore's landscape architecture and planning team provides creative solutions for a diverse clientele. Our landscape architecture team focuses on public space design. Chen Moore is known and respected for our thorough understanding of site and permitting constraints prior to commencing a project. We are highly responsive and provide out-of-the-box solutions to our clients' needs. Current projects include a a regional park, a wake board park, dune restoration projects, multiple fire stations and streetscapes for municipal governments.



## Design Philosophy

Public landscapes, whether in the form of parks, streetscapes, or other municipal facilities, serve many purposes. They provide beautification, shade, habitat for wildlife, they improve water quality, and they can serve as educational spaces informing the public of our need to care for our natural resources. They improve our quality of life and enhance the urban experience. Our approach to landscape architecture is to understand a client's ability to maintain the spaces we create. The design and its implementation represent a fraction of the works anticipated life. We work closely with the City to make certain you inherit facilities that can be maintained for the long term benefit of your community. Landscapes and infrastructure should be sustainable socially, environmentally, and economically.

In the last five years, we have provided services on the following types of projects:

- Coastal Parks (requiring permitting through FDEP)
- Urban Parks (accommodating green markets, art work, and other community festivals)
- Active Parks with recreation facilities (Baseball, Soccer, Basketball, Volleyball, Multi-Use Fields)
- Site Plan processing for community redevelopment projects and private development site
- Wayfinding Strategies
- Streetscape Design and Implementation
- Complete Streets Conceptual Design and Implementation
- Irrigation Studies and Implementation of Irrigation Central Control for municipalities and universities
- Urban Tree Canopy Studies
- Plans Review

## Transportation Engineering and Streetscape Design

Chen Moore and Associates understands that successful urban environments are composed of a number of elements that must be seamlessly integrated. Development must be pedestrian friendly and encourage street level activity. Vehicular circulation must be carefully orchestrated to calm traffic and provide a variety of discrete parking solutions that maintain the urban fabric and promote density. Historic structures must be preserved and civic spaces revived. Identity and clarity should be enhanced with streetscape improvements, attractive landscaping, and wayfinding systems

Great neighborhoods, and by extension, great cities, are remembered for their streets rather than their buildings. Chen Moore and Associates integrates this philosophy into our streetscape design. Great streets form the glue that holds a successful community together. Our philosophy of community and street design involves organizing a hierarchy of streets to respond to the varying urban use and density conditions and establishing appropriate standards for each street type. Some of the CMA transportation and streetscape design experience includes:

## Parks and Recreation

CMA and our team of subconsultants have experience with the master planning, engineering, landscape architecture, irrigation design and construction administration of a variety of parks and recreation facilities. The scale of our parks experience varies from 800-acre regional parks with multiple athletic facilities to one-acre neighborhood parks. We have designed athletic fields (soccer, baseball, football, etc.), golf courses, boat ramps, boardwalks, pedestrian trails, equestrian trails, bicycle trails, playgrounds, and a variety of site-specific amenities. We have designed and permitted a variety of parks and recreation facilities within the state of Florida including:

- Natural Resource based Parks
- Regional Parks
- Coastal Parks
- Urban Parks
- Neighborhood Parks
- Greenways and Trails
- Sports Fields
- Equestrian Facilities
- Golf Courses
- Aquatic Facilities
- Boating Facilities
- Playgrounds

## Office Locations



Chen Moore and Associates has its corporate headquarters in Fort Lauderdale, with additional branch offices in Miami; West Palm Beach; Orlando; and project offices in Tampa; Jacksonville; and Gainesville. Our office address is:

500 West Cypress Creek Road, Suite 630, Fort Lauderdale, FL 33309

Telephone: +1 (954) 730-0707;

Fax: +1 (954) 730-2030

Our central locale enables on-staff professionals to develop innovative, yet practical designs based on special insights into the problems and requirements of the communities of which they are a part. By living and working in these communities, Chen Moore and Associates' engineering professionals are able to work closely with their clients.

Key Staff Members	Level of Responsibility	Office Location
Jose Acosta, P.E., F.ASCE	QA/QC	Miami
Cristobal Betancourt, RLA, AICP	Project Manager	West Palm Beach
Peter Moore, P.E., ENV SP, LEED AP, F.ASCE	Principal-In-Charge	Fort Lauderdale
Jason McClair, P.E., CFM, LEED AP	QA/QC	Fort Lauderdale
Eric Harrison, RLA	Landscape Architecture	West Palm Beach
Tanya McCormick, RLA, AICP	Landscape Architecture	West Palm Beach
Eric Ferguson	Landscape Architecture	West Palm Beach
Yan Chen	Landscape Architecture	West Palm Beach
Stefan Bortak, RLA, CID	Irrigation	West Palm Beach
Daniel Davila, P.E.	Civil Engineering	Fort Lauderdale
Safiya Brea, P.E., LEED AP	Civil Engineering	Fort Lauderdale
Jennifer Smith, P.E.	Civil Engineering	Fort Lauderdale
Subconsultants		
Firm	Key Contact	
Florida Atlantic University	Eric Dumbaugh	
Tindale-Oliver & Associates	W.T. Bowman, P.E.	
Stoner & Associates, Inc.	James Stoner, PSM	
Delta G Consulting Engineers, Inc.	Stephen Bender, P.E.	
Nutting Engineers of Florida, Inc.	Richard Wohlfarth, P.E.	



### 3. FIRM QUALIFICATIONS AND EXPERIENCE

With 69 staff including 16 licensed professional engineers, 6 professional landscape architects, 5 construction/inspectors and 9 administrative staff, the Chen Moore team has the capabilities to address the smallest to the most challenging landscape architecture, planning, civil, environmental and transportation engineering and construction administration tasks required for many types of public, semi-public and private sector projects.

#### Planning and Scope

At the outset of the project it is necessary to clearly define the scope of the project and the project goals for all concerned parties to ensure the successful completion of the project. Prior to undertaking of any project, CMA understands the need to provide innovative and sustainable solutions on time and within budget. Paramount in achieving a successful project on time and within budget is to clearly define the scope and goals of the current project at the start. In defining the scope of the project, the following are some of the factors that will be considered by CMA during the development of the project scope:

- Project goals
- Project budget
- Project schedule
- Project funding
- Any unique characteristics and considerations of the project area
- Existing available information (available utility atlases, as-built drawings, operating reports, etc.)
- Additional information that will need to be obtained (survey, geotechnical studies, traffic studies, etc.)
- Potential impacts of construction operations to City residents (parking, bus routes, emergency access, vehicular flow, pedestrian routes, community events, existing utilities; etc.)
- Project stakeholders (affected residents, HOAs, public agencies, etc.)
- Regulatory authorities having jurisdiction and permitting agencies
- Construction requirements and limitations

#### Sustainable Business Practices

Chen Moore and Associates believes in creating sustainable communities. As such, Chen Moore and Associates has been involved in over \$350 million of redevelopment projects for Broward County since 1992, including BODRs, design, permitting and construction services including improvements/rehabilitation projects and coordination with historical districts.



In addition, we encourage our employees to practice green initiatives. We are a member of the South Florida Regional Transportation Authority's Employer Discount Program and pay 100% of our employee's public transportation commuting costs.

Chen Moore and Associates also recycles all metal, glass, plastic and paper in our Fort Lauderdale office. We are also active with the Sustainability Committee and Green Initiative Subcommittee at the Broward League of Cities.

Chen Moore and Associates believes in providing our clients with sustainable infrastructure solutions. Our approach takes into account the environmental, social, and economic impact of each project from concept through renewal at the end of its life cycle. We've demonstrated this in our commitment to redevelopment work throughout South Florida, in embracing the LEED standards in our building projects, and in our business practices. Recently, the American Public Works Association, the American Society of Civil Engineers, and the American Council of Engineering Companies formed the Institute for Sustainable Infrastructure (ISI)

to develop and implement an infrastructure rating tool to help project owners, designers, and builders incorporate sustainable practices in the development of civil infrastructure, similar to the LEED system for buildings. Though still in its early stages, Chen Moore and Associates has been closely tracking the progress of the rating tool, called envision™, and has begun to implement some of the recommended practices and provide comment to ISI for future revisions. As this system develops, it is Chen Moore and Associates' goal to be the designers of the first of many ISI rated sustainable infrastructure projects.

## LEED Training and Certifications

LEED is an internationally recognized certification system that measures how well a building or community performs across all the following standards: energy savings, water efficiency, CO2 emissions reduction, improved indoor environmental quality, and stewardship of resources and sensitivity to their impacts. Developed by the U.S. Green Building Council (USGBC), LEED provides building owners and operators a concise framework for identifying and implementing practical and measurable green building design, construction, operations and maintenance solutions. We have hosted LEED training in April and June 2009 and have 5 LEED certified employees.



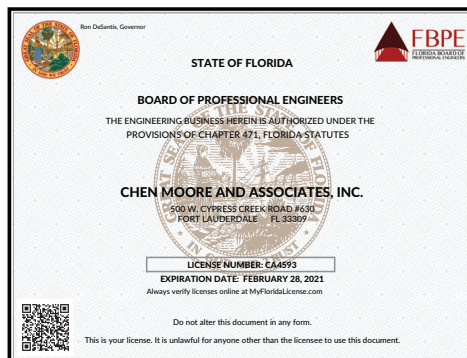
## Additional Firm Information:

### Type of Business

Corporation

### Firm Registrations

State of FL Board of Professional Engineers; State of FL Board of Landscape Architecture



### Company Address:

500 West Cypress Creek Road, Suite 630  
Fort Lauderdale, FL 33309

### Company Website

[www.chenmoore.com](http://www.chenmoore.com)

### Contact Person:

Contact: Cristobal Betancourt, RLA, AICP, Project Manager  
Telephone: (954) 730-0707 ext. 1078  
Fax: (954) 730-2030  
Email: [cbetancourt@chenmoore.com](mailto:cbetancourt@chenmoore.com)

### Number of Years in Business Providing Similar Experience as it Relates to the Scope of the Contract

33

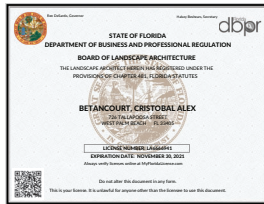


**Provide a comprehensive summary of the experience and qualifications of the individual(s) who will be selected to serve as the project manager(s) for the City.**

**Cristobal Betancourt, RLA, AICP** is Chen Moore and Associates' Director of Landscape Architecture and Planning. He has experience providing planning and landscape architecture design solutions for public and private sector clients. Mr. Betancourt provides a full range of services starting with due diligence and master planning culminating in detailed site design. He is well versed in the use of low-impact development techniques applied to site planning. His recent streetscaping experience includes the following:

- Fort Lauderdale Beach Park
- Dixie Highway Improvement Project Streetscape Plan
- NE 173rd Street Right of Way Improvements
- Margate Blvd Task 1A
- Margate Boulevard Design and Construction Services
- Downtown Infrastructure Improvements
- Downtown Coral Springs Streetscaping
- Old Pompano Area Improvements
- City Center Right-of-Way and Utility Improvement Project
- South Pointe Phase III/IV/V - Right-of-Way Improvement Project
- Lauderdale-by-the-Sea Town Engineer
- Powerline Road Enhancements
- 5-Year Capital Improvement Plan Report
- Cove Gardens Improvements
- FAU College of Engineering-West Building # 36
- Lauderdale-by-the-Sea E. Commercial Blvd Streetscape & Drainage Improvements

# Licenses



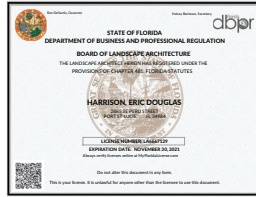
Cristobal Betancourt, RLA



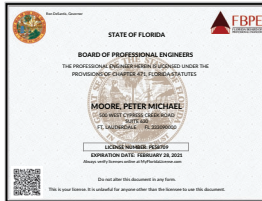
Jose L. Acosta, P.E., F.ASCE



Jason McClair, P.E., CFM, LEED AP



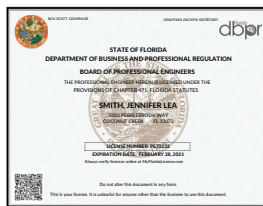
Eric Harrison, RLA



Peter Moore, P.E., F.ASCE, ENV SP, LEED AP



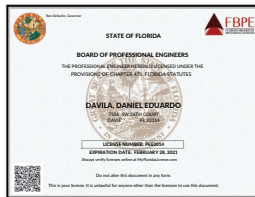
Stefan Bortak, CID



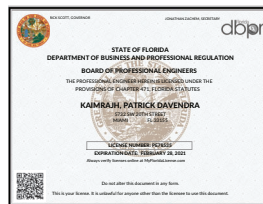
Jennifer Smith, P.E.



Safiya Brea, P.E., LEED AP



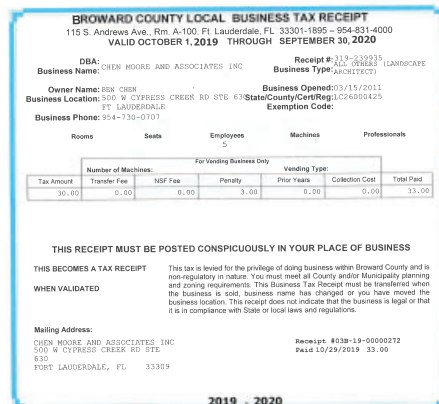
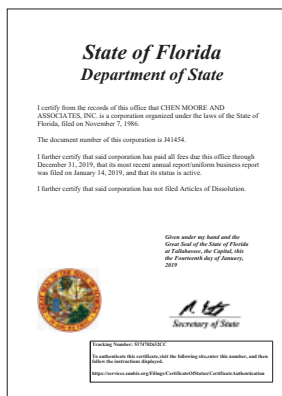
Daniel Davila, P.E.



Patrick Kaimrajh, P.E.



Stefan Bortak, RLA, CID







Broward Health Medical Center  
Broward Health North  
Broward Health Imperial Point  
Broward Health Coral Springs  
Chris Evert Children's Hospital  
Broward Health Weston  
Broward Health Community Health Services  
Broward Health Physician Group  
Broward Health Foundation

Friday, June 1, 2018

Chen Moore and Associates  
Karen Rachles  
500 West Cypress Creek Road  
Fort Lauderdale, FL 33309  
krachles@chenmoore.com

Dear Karen Rachles:

**Congratulations!**

The Office of Supplier Diversity (OSD) has determined Chen Moore and Associates is eligible to participate in Broward Health's (BH) Supplier Diversity Program, as a Certified Diverse Vendor (CDV).

In accordance with BH's Supplier Diversity (SD) Program policy, OSD has received and validated your firm's "Small Business - SBE" certification documentation from "Other - Any other Governmental Agency in the State of Florida", an approved BH Certification Partner. Your firm's Broward Health CDV status is valid thru 04/01/2020. Should there be any changes to your firm's size, ownership, managerial, and/or operational control that affects the status of your firm's "Small Business - SBE" Certification, please notify the Certification Partner, "Other - Any other Governmental Agency in the State of Florida", immediately. Also, you will need to update your firm's Broward Health CDV status in VRS, accordingly.

Broward Health's Vendor Registration System (VRS) is a "vendor managed" system and all registered vendors are required to maintain current company information (i.e. CDV Status information, W-9, Contact Information, Products/Services, etc.). Also, VRS is an active bid notification portal for formal (over \$50K) and informal (under \$50K) bids/quotes. And, a retrieval/submittal portal for informal bids/quotes.

Your firm will receive various email communication from BH, therefore we recommend adding the following BH email addresses to your firm's email contact list, to be recognized as trusted contacts:

[vrsbidding@browardhealth.org](mailto:vrsbidding@browardhealth.org)  
[vendorrelations@browardhealth.org](mailto:vendorrelations@browardhealth.org)  
[supplierdiversity@browardhealth.org](mailto:supplierdiversity@browardhealth.org)

Also, you are encouraged to visit our website:

[www.browardhealth.org/diversity](http://www.browardhealth.org/diversity) - more information about our SD Program  
<https://vendor.browardhealth.org> - to access, review, and update your firm's VRS account  
<https://vendor.browardhealth.org> - view current procurement opportunities

Thank you for your interest and participation in Broward Health's Supplier Diversity Program. We can be reached via phone @ 954-473-7289 or email [supplierdiversity@browardhealth.org](mailto:supplierdiversity@browardhealth.org).

Sincerely,

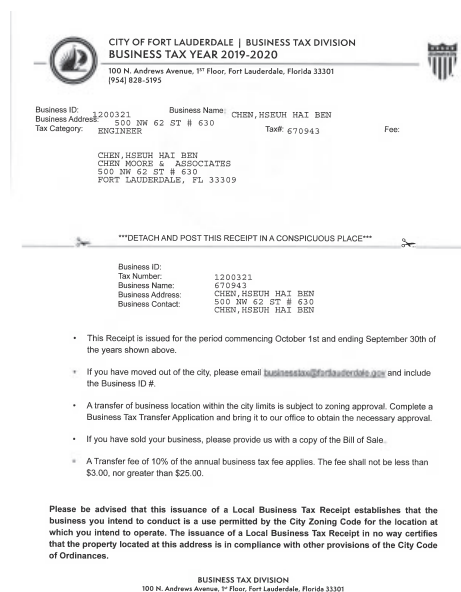
LaRae P. Floyd, Manager  
Office of Supplier Diversity

1608 SE 3<sup>rd</sup> Avenue, Fort Lauderdale, FL 33316 | (tel) 954.847.4200 | (fax) 954.847.4244 | [BrowardHealth.org](http://BrowardHealth.org)

**Broward Health Supplier Diversity Program  
as a Certified Diverse Vendor**



School Board of Broward County MBE



City of Fort Lauderdale Business Tax Receipt



RFQ # 12357-206 Breakers Ave. Streetscape and Infrastructure Improvements Project

CAM #20-0402

Exhibit 5

13 of 126

Firm Qualifications and Experience

This certificate hereby qualifies

**Christopher M Keller, 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 025559

*Paul Farmer*  
Paul Farmer, AICP  
Chief Executive Officer

*Anna Reich*  
Anna Reich, AICP  
President



## State of Florida Department of State

ify from the records of this office that TINDALE-OLIVER &  
DCIATES, INC. is a corporation organized under the laws of the State of  
da, filed on January 13, 1989.

Document number of this corporation is K58299.

her certify that said corporation has paid all fees due this office through  
mber 31, 2019, that its most recent annual report/uniform business report  
filed on January 3, 2019, and that its status is active.

her certify that said corporation has not filed Articles of Dissolution.

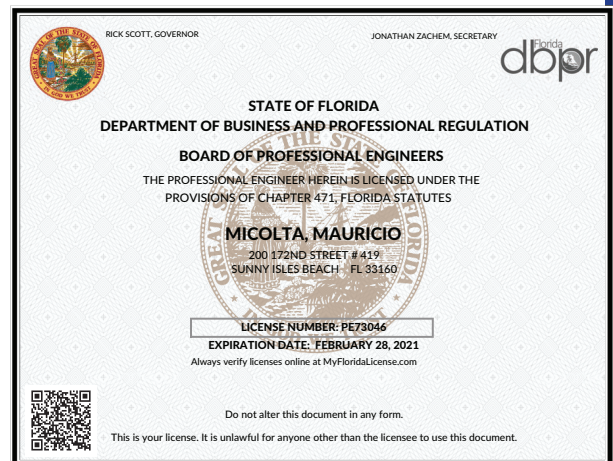
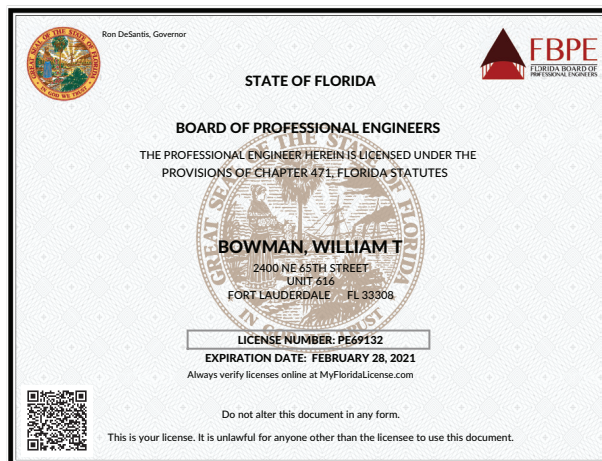
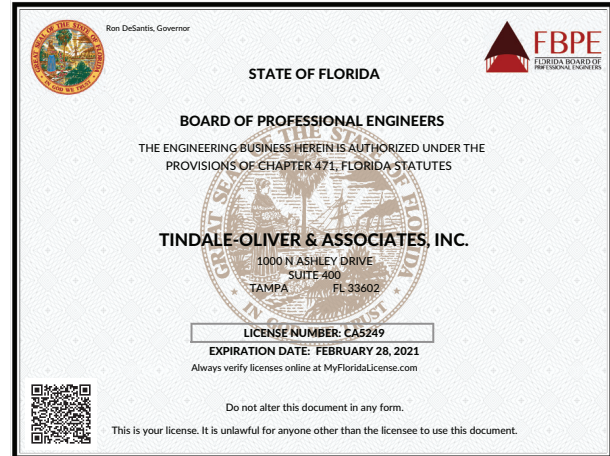
*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Third day of January, 2019*



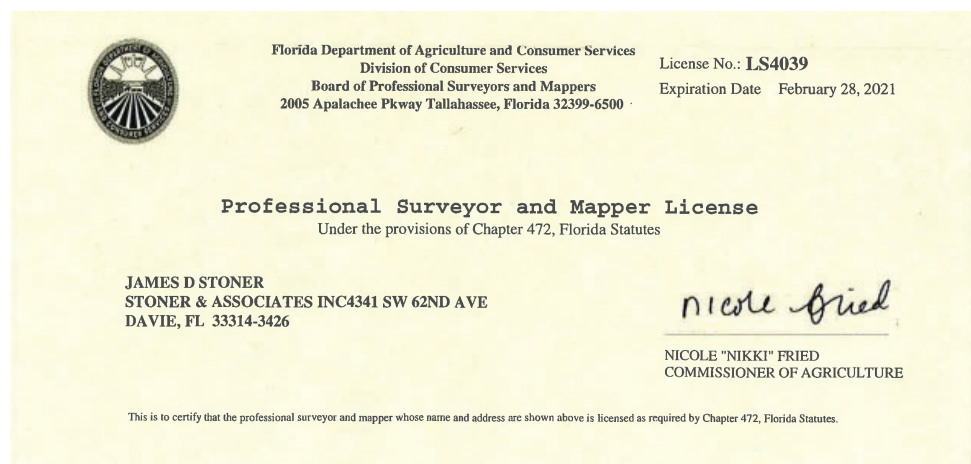
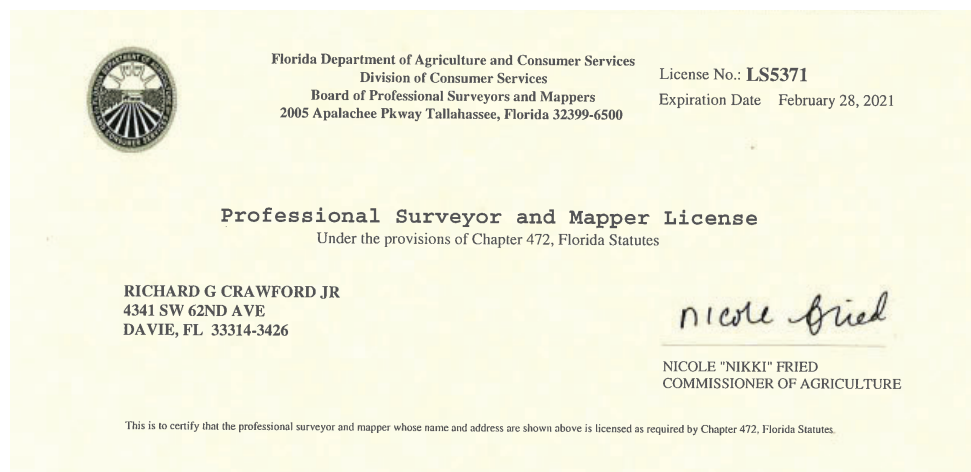
*Ken Dutton*  
Secretary of State

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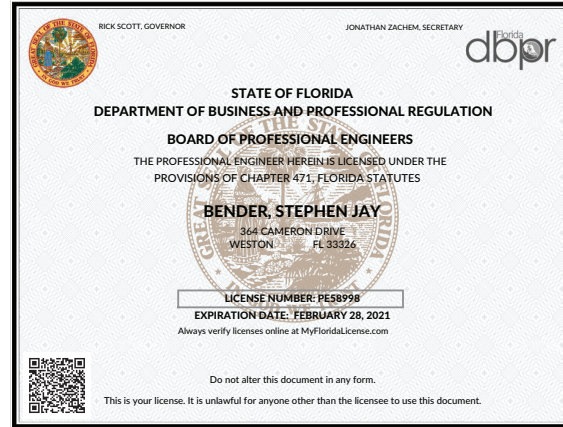
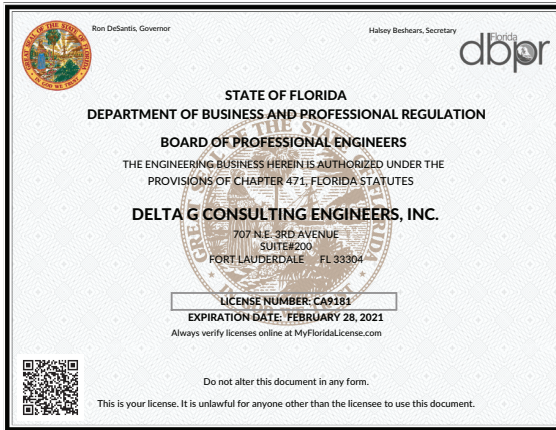
To authenticate this certificate, visit the following site, enter this number, and then  
follow the instructions displayed.  
<https://services.sunbiz.org/Fillings/CertificateOfStatus/CertificateAuthentication>



Firm Qualifications and Experience










# Nutting Engineers of Florida, Inc.

 **SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

August 28, 2017

REGISTERED VENDOR NO.: 101919

Ms. Kristina Berryman  
Nutting Engineers of Florida, Inc.  
1310 Neptune Drive  
Boynton Beach, FL 33426

CERTIFICATION EXPIRATION DATE  
August 28, 2020

Dear Ms. Berryman:

Congratulations, the South Florida Water Management District (District) has accepted your firm as a Small Business Enterprise (SBE). This certification is valid for three (3) years and may apply for renewal when business is conducted in the following areas:

**Professional Engineering Consulting Services**

Your submittal of bids or proposals to supply other products or services outside of the specialty areas noted above will not count toward SBE participation. If you require confirmation in other specialty areas, please contact the Procurement Bureau, SBE Section, for additional information.


Renewal is required every three (3) years and should be requested a minimum of 45 days prior to the above expiration date.

If any changes occur within your company during the certification period such as ownership, affiliate company status, address, telephone number, licensing status, gross revenue, or any information that relates to your SBE Certification status, you must notify this office in writing immediately. It is imperative that we maintain current information on your company at all times. FAILURE TO REPORT CHANGES MAY RESULT IN DECERTIFICATION.

Certification is not a guarantee that your firm will receive work, nor an assurance that your firm will remain in the District's vendor database.

We look forward to a mutually beneficial working relationship.

Sincerely,

  
Alejandro Quijano  
Sr. Contract Compliance Specialist  
Procurement Bureau

2801 Gaze Creek Blvd., West Palm Beach, Florida 33411 • (561) 866-8800 • 1-800-432-2308  
Mailing Address: P.O. Box 26801, West Palm Beach, FL 33426-0801 • www.sfwmd.gov

**State of Florida  
Department of State**

I certify from the records of this office that NUTTING ENGINEERS OF FLORIDA, INC. is a corporation organized under the laws of the State of Florida, filed on February 16, 1967.

The document number of this corporation is 313874.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on January 9, 2019, 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 9<sup>th</sup> day of January, 2019.

  
  
**Secretary of State**

Tracking Number: 35464222/C2

To authenticate this certificate visit the following electronic record, and then follow the instructions displayed:  
<https://services.usdoj.org/Flidops/CertificateStatusCertificatesPublicIndex>

 **STATE OF FLORIDA** 

**BOARD OF PROFESSIONAL ENGINEERS**

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

**WOHLFARTH, RICHARD CHASE**  
514 NW 14TH STREET  
BOYNTON BEACH, FL 33449-9930

LICENSE NUMBER: PC00855  
EXPIRATION DATE: FEBRUARY 28, 2021  
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 **STATE OF FLORIDA** 



**BOARD OF PROFESSIONAL ENGINEERS**

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**GWOREK, CHRISTOPHER E.**  
1121 20TH AVENUE NORTH  
DADE CITY, FL 33595

LICENSE NUMBER: PC09947  
EXPIRATION DATE: FEBRUARY 28, 2021  
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 **STATE OF FLORIDA** 

**BOARD OF PROFESSIONAL ENGINEERS**

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

**NUTTING ENGINEERS OF FLORIDA, INC.**  
1310 NEPTUNE DRIVE  
BOYNTON BEACH, FL 33426-0496

LICENSE NUMBER: CA005  
EXPIRATION DATE: FEBRUARY 28, 2021  
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Firm Qualifications and Experience



# ARCHITECT – ENGINEER QUALIFICATIONS

## PART I – CONTRACT SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

BREAKERS AVE. STREETSCAPE AND INFRASTRUCTURE IMPROVEMENTS PROJECT

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER

12357-206

### B. ARCHITECT - ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Cris Betancourt, RLA, AICP, Project Manager

5. NAME OF FIRM

Chen Moore and Associates

6. TELEPHONE NUMBER

(954) 730-0707 x1078

7. FAX NUMBER

(954) 730-2030

8. E-MAIL ADDRESS

cbetancourt@chenmoore.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	SUBCON-			
a.	<b>X</b>			Chen Moore and Associates  <input type="checkbox"/> CHECK IF BRANCH OFFICE	500 West Cypress Creek Road Suite 630 Fort Lauderdale, FL 33309	Landscape Architecture and Civil Engineering
b.			<b>X</b>	Tindale-Oliver & Associates  <input type="checkbox"/> CHECK IF BRANCH OFFICE	1000 N. Ashley Drive Suite 400 Tampa, FL 33602	Public Outreach and Traffic Engineering
c.			<b>X</b>	Florida Atlantic University (FAU)  <input type="checkbox"/> CHECK IF BRANCH OFFICE	777 Glades Road Boca Raton, FL 33431	Landscape/Urban Design
d.			<b>X</b>	Stoner and Associates, Inc.  <input type="checkbox"/> CHECK IF BRANCH OFFICE	4341 SW 62nd Avenue Davie, FL 33314	Surveying
e.			<b>X</b>	Delta G Consulting Engineers, Inc.  <input type="checkbox"/> CHECK IF BRANCH OFFICE	707 NE 3rd Avenue Suite 200 Fort Lauderdale, FL 33304	Electrical Engineering
f.				Nutting Engineers of Florida Inc.  <input type="checkbox"/> CHECK IF BRANCH OFFICE	1310 Neptune Drive Boynton Beach, FL 33426-8404	Geotechnical Engineering

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

**[X]** *(Attached)*

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

(Complete one Section E for each key person.)

<b>12. NAME</b> Jason McClair, P.E., CFM, LEED AP	<b>13. ROLE IN THIS CONTRACT</b> Roadway/Streetscape	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 23</td> <td>b. WITH CURRENT FIRM 18</td> </tr> </table>		a. TOTAL 23	b. WITH CURRENT FIRM 18
a. TOTAL 23	b. WITH CURRENT FIRM 18				
<b>15. FIRM NAME AND LOCATION (City and State)</b> Chen Moore and Associates, Fort Lauderdale, FL					
<b>16. EDUCATION (Degree and Specialization)</b> Bachelor of Science / Civil Engineering		<b>17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)</b> FL / Professional Engineer			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> Mr. McClair is a senior civil engineer with more than 20 years of experience in utility infrastructure design, regulatory permitting, geotechnical engineering, and computer aided flow modeling for stormwater collection, water distribution, and sanitary transmission systems. He was the project manager for the Fort Lauderdale-Hollywood International Airport Stormwater Master Plan Update and the Pompano Beach Stormwater Master Plan.					

## **19. RELEVANT PROJECTS**

<b>a.</b> (1) TITLE AND LOCATION (City and State) Stormwater Master Plan Modeling and Design Implementation Fort Lauderdale, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. CMA is providing engineering design services for the under Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. A combination of multiple improvements to the stormwater management system have been developed to alleviate the existing flooding issues within the Victoria Park neighborhood. Fee: \$ 812,799	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If applicable) Ongoing</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing		
<input checked="" type="checkbox"/> Check if project performed with current firm				
<b>b.</b> (1) TITLE AND LOCATION (City and State) Old Pompano Area Improvements Pompano Beach, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. CMA is providing planning and design services for infrastructure improvements within the public right-of-way areas within the project limits for the Old Pompano Area for the City of Pompano Beach. The proposed infrastructure improvements within Phase 2 in the Old Pompano Area will include roadway, streetscape, landscape, irrigation, lighting and utility infrastructure improvements. Each public roadway in the Phase 2 of the Old Pompano Area will receive improvements to the existing roadways, pedestrian sidewalks, stormwater drainage, pavement markings, signage, landscaping, irrigation and lighting along with various utility improvements to the water, sewer and reclaimed water systems. Fee \$ 484,050	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If applicable) Ongoing</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing		
<input checked="" type="checkbox"/> Check if project performed with current firm				
<b>c.</b> (1) TITLE AND LOCATION (City and State) Downtown Coral Springs Streetscaping Coral Springs, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Sr. Engineer. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. Fee \$ 235,739.98 Cost \$ 1 Million	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2015</td> <td>CONSTRUCTION (If applicable) 2015</td> </tr> </table>		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2015
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2015		
<input checked="" type="checkbox"/> Check if project performed with current firm				
<b>d.</b> (1) TITLE AND LOCATION (City and State) Lauderdale-by-the-Sea E. Commercial Blvd Streetscape & Drainage Improvements Lauderdale-by-the-Sea, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Engineer. CMA provided utility coordination; roadway and stormwater design; government permitting; and bidding assistance for the development of the design of streetscape and stormwater improvements to the downtown core and adjacent areas east of Bougainvillea Drive in the Town of Lauderdale by the Sea. The goals of this project were to create an urban gathering place that provides beautiful vistas of the sea, provides increased shade from the intense sun and heat, enhances the pedestrian environment and safety while maintaining vehicular access to the businesses located on the street and improving vehicular circulation and parking, provides for expansion of outdoor dining areas, and pays tribute to the Town history. Fee \$74,000; Cost \$1,870,000	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2012</td> <td>CONSTRUCTION (If applicable) 2013</td> </tr> </table>		PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2013
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2013		
<input checked="" type="checkbox"/> Check if project performed with current firm				
<b>e.</b> (1) TITLE AND LOCATION (City and State) South Pointe Phase III/IV/V - Right-of-Way Improvement Project Miami Beach, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Mr. McClair provided engineering support during the planning and design phases of this infrastructure improvement project. CMA was the prime consultant and was responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and construction engineering and inspection services for infrastructure improvements within the public right of way areas of the South Pointe III/IV/V neighborhood of Miami Beach. The project encompasses approximately 19,000 LF of ROW infrastructure improvements including 9,300 LF 8" water main replacements, stormwater drainage improvements, paving & grading, streetscaping enhancements, landscaping improvements, lighting improvements, and roadway reconstruction. Fee \$ 2,305.06 Cost \$ 10.5 Million	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2012</td> <td>CONSTRUCTION (If applicable) 2016</td> </tr> </table>		PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2016
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2016		
<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 Peter Moore, P.E., F.ASCE, ENV SP, LEED AP	13. ROLE IN THIS CONTRACT Principal-in-Charge	14. YEARS EXPERIENCE a. TOTAL 21      b. WITH CURRENT FIRM 19	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Fort Lauderdale, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Civil Engineering Master of Engineering / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer	

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

As the President of the firm, Mr. Moore is ultimately responsible for all day to day operations of the firm. Mr. Moore works as the Client Project Manager for work in Broward County, Pompano Beach and Deerfield Beach and continues to be involved in the successful completion of projects. These projects include sanitary collection improvements, pump station rehabilitation, transportation engineering enhancements, water and reclaimed water consulting along with all other phases of civil engineering design and neighborhood improvements. Additionally, Mr. Moore serves as the Assistant City Engineer for the City of Coral Springs and is the spokesperson for the City's Engineering Division. Finally, Mr. Moore serves on the firm's QA/QC Committee ensuring the consistency of the quality product throughout the firm.

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Hollywood Beach Golf Course Greenway Hollywood, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing      CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE QA/QC. CMA is providing professional landscape architecture services for the development of conceptual plans for the perimeter right-of-way surrounding the Hollywood Beach Golf Resort. CMA will perform a site analysis and field investigation; prepare concept plans and illustrations; prepare a cost estimate; and obtain public input with workshops. Fee 16,000	Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Old Pompano Area Improvements Pompano Beach	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing      CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal. CMA is providing planning and design services for infrastructure improvements within the public right-of-way areas within the project limits for the Old Pompano Area for the City of Pompano Beach. The proposed infrastructure improvements within Phase 2 in the Old Pompano Area will include roadway, streetscape, landscape, irrigation, lighting and utility infrastructure improvements. Each public roadway in the Phase 2 of the Old Pompano Area will receive improvements to the existing roadways, pedestrian sidewalks, stormwater drainage, pavement markings, signage, landscaping, irrigation and lighting along with various utility improvements to the water, sewer and reclaimed water systems. Fee \$ 484,050	Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Coral Springs Streetscaping Coral Springs, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015      CONSTRUCTION <i>(If applicable)</i> 2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. Fee \$ 235,739.98 Cost \$ 1 Million	Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Lauderdale-by-the-Sea E. Commercial Blvd Streetscape & Drainage Improvements Lauderdale-by-the-Sea, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2012      CONSTRUCTION <i>(If applicable)</i> 2013	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal. CMA provided utility coordination; roadway and stormwater design; government permitting; and bidding assistance for the development of the design of streetscape and stormwater improvements to the downtown core and adjacent areas east of Bougainvillea Drive in the Town of Lauderdale by the Sea. The goals of this project were to create an urban gathering place that provides beautiful vistas of the sea, provides increased shade from the intense sun and heat, enhances the pedestrian environment and safety while maintaining vehicular access to the businesses located on the street and improving vehicular circulation and parking, provides for expansion of outdoor dining areas, and pays tribute to the Town history. Fee \$74,000; Cost \$1,870,000	Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> South Pointe Phase III/IV/V - Right-of-Way Improvement Project Miami Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2012      CONSTRUCTION <i>(If applicable)</i> 2016	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA was the prime consultant and was responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and construction engineering and inspection services for infrastructure improvements within the public right of way areas of the South Pointe III/IV/V neighborhood of Miami Beach. The project encompasses approximately 19,000 LF of ROW infrastructure improvements including 9,300 LF 8" water main replacements, stormwater drainage improvements, paving & grading, streetscaping enhancements, landscaping improvements, lighting improvements, and roadway reconstruction. Fee \$ 2,305.06 Cost \$ 10.5 Million	Check if project performed with current firm	

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

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

<b>12. NAME</b> Jose Acosta, P.E., F.ASCE	<b>13. ROLE IN THIS CONTRACT</b> QA/QC	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 20</td> <td>b. WITH CURRENT FIRM 8</td> </tr> </table>		a. TOTAL 20	b. WITH CURRENT FIRM 8
a. TOTAL 20	b. WITH CURRENT FIRM 8				
<b>15. FIRM NAME AND LOCATION (City and State)</b> Chen Moore and Associates, Miami, FL					
<b>16. EDUCATION (Degree and Specialization)</b> Master of Business Administration / Master of Business Administration Bachelor of Science / Civil Engineering Bachelor of Science / Architectural Engineering		<b>17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)</b> FL / Professional Engineer / Natl. Council of Examiners for Eng. & Surveying			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> Mr. Acosta has over 19 years of design and project management experience in various industries, including municipal continuing service contracts, K-12 education, higher education, healthcare, transportation, and commercial/residential/industrial private development. His background includes neighborhood improvement projects, streetscape enhancements, utility relocation, on- and off-site infrastructure design, bidding assistance and construction administration services for several municipalities throughout Miami-Dade, Broward and Palm Beach Counties.					

## **19. RELEVANT PROJECTS**

<b>(1) TITLE AND LOCATION (City and State)</b> South Pointe Phase III/IV/V - Right-of-Way Improvement Project Miami Beach, FL	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2012</td> <td>CONSTRUCTION (If applicable) 2016</td> </tr> </table>		PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2016
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2016		
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>a.</b> Principal Project Manager. CMA was the prime consultant and was responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and construction engineering and inspection services for infrastructure improvements within the public right of way areas of the South Pointe III/IV/V neighborhood of Miami Beach. The project encompasses approximately 19,000 LF of ROW infrastructure improvements including 9,300 LF 8" water main replacements, stormwater drainage improvements, paving & grading, streetscaping enhancements, landscaping improvements, lighting improvements, and roadway reconstruction. Fee \$ 2,305.06 Cost \$ 10.5 Million				
<b>(1) TITLE AND LOCATION (City and State)</b> Downtown Coral Springs Streetscaping Coral Springs, FL	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2015</td> <td>CONSTRUCTION (If applicable) 2015</td> </tr> </table>		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2015
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2015		
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>b.</b> Sr. Engineer. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. Fee \$ 235,739.98 Cost \$ 4.1 Million				
<b>(1) TITLE AND LOCATION (City and State)</b> Lauderdale-by-the-Sea E. Commercial Blvd Streetscape & Drainage Improvements Lauderdale-by-the-Sea, FL	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2012</td> <td>CONSTRUCTION (If applicable) 2013</td> </tr> </table>		PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2013
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2013		
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>c.</b> Project Manager. CMA provided utility coordination; roadway and stormwater design; government permitting; and bidding assistance for the development of the design of streetscape and stormwater improvements to the downtown core and adjacent areas east of Bougainville Drive in the Town of Lauderdale by the Sea. The goals of this project were to create an urban gathering place that provides beautiful vistas of the sea, provides increased shade from the intense sun and heat, enhances the pedestrian environment and safety while maintaining vehicular access to the businesses located on the street and improving vehicular circulation and parking, provides for expansion of outdoor dining areas, and pays tribute to the Town history. Fee \$74,000; Cost \$1,870,000				
<b>(1) TITLE AND LOCATION (City and State)</b> North 64 <sup>th</sup> Avenue Widening & Utility Improvements Hollywood, FL	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2013</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) N/A
	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) N/A		
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>d.</b> Project Manager. CMA provided engineering services for the Seminole Tribe of Florida (STOF) Public Works Department (PWD) and Construction Management Department for this project, located on the Hollywood Seminole Indian Reservation. This scope of the project includes a schematic design, preliminary and final construction plans, and technical specifications to allow competitive bidding for construction of the project, cost estimates, bid documents, addenda during the bidding process, conformed drawings and specifications, submittal reviews, responses to RFIs, assistance with change orders, meeting attendance, record drawings, and other engineering support as required during construction. Fee: \$117,450				
<b>(1) TITLE AND LOCATION (City and State)</b> NMB-Highland Drive Roadway Improvements N Miami Beach, FL	<b>(2) YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If applicable) Ongoing</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing		
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>e.</b> Principal. CMA is providing civil engineering services for the Highlands Drive Roadway Improvements project for the City of North Miami Beach, Florida. The scope includes designing and reconstructing Highlands Drive, from Biscayne Blvd, south to the interface with the new roundabout currently in design by CMA. The proposed roadway reconstruction will include two-lane divided boulevard section, appropriate drainage system, landscaping and irrigation. Fee \$ 64,425				

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT***(Complete one Section E for each key person.)*

12. NAME Cristobal Betancourt, RLA, AICP	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE a. TOTAL 24      b. WITH CURRENT FIRM 8	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, West Palm Beach, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Landscape Architecture Master of Urban Design		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Registered Landscape Architect/ NJ / Registered Landscape Architect/ NY / Registered Landscape Architect	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Betancourt is Chen Moore and Associates' Director of Landscape Architecture and Planning. He has over 23 years of experience providing planning and landscape architecture design solutions for public and private sector clients. Mr. Betancourt provides a full range of services starting with due diligence and master planning culminating in detailed site design. He is well versed in the use of low-impact development techniques applied to site planning.			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Hollywood Beach Golf Course Greenway Hollywood, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES      CONSTRUCTION <i>(If applicable)</i> Ongoing      Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal. CMA is providing professional landscape architecture services for the development of conceptual plans for the perimeter right-of-way surrounding the Hollywood Beach Golf Resort. CMA will perform a site analysis and field investigation; prepare concept plans and illustrations; prepare a cost estimate; and obtain public input with workshops. Fee 16,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Coral Springs Streetscaping Coral Springs, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES      CONSTRUCTION <i>(If applicable)</i> 2015      2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. Fee \$ 235,739.98 Cost \$ 4.1 Million	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Dixie Highway Improvements Wilton Manors, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES      CONSTRUCTION <i>(If applicable)</i> 2014      2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Landscape Architect.. The City of Wilton Manors retained CMA to design a roadway improvement along a portion of North Dixie Highway within the City limits. The intention of the project was to implement the following elements along North Dixie Highway within the project limits: Install new bicycle lanes along the corridor on both sides of roadway, Install new curbing and gutter to accommodate new roadway section, Install new pedestrian sidewalks to accommodate new roadway section, Install pedestrian level lighting along new sidewalk as allowed by adjacent private property, Install limited landscaping in available right of way areas along corridor, Modify existing drainage facilities to accommodate new roadway section. In order to implement new bicycle lanes along Dixie Highway, the roadway cross section was modified along the majority of the project limits. The modified roadway cross section was wider than the existing roadway cross section, which required the removal of some existing curbing and sidewalks along with the relocation of some existing drainage facilities. Fee 128,390	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Lincoln Road Master Plan Miami Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES      CONSTRUCTION <i>(If applicable)</i> 2016      N/A	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA was the local subconsultant to James Corner Field Operations (JCFO), the designers of New York City famed High Line, in the development of a Master Plan for the Lincoln Road Mall Historic District in Miami Beach. Lincoln Road Mall is Americas first pedestrian mall designed in the 1960's by Morris Lapidus. Today, Lincoln Road Mall receives an average of 10,000 visitors per day and is a major tourist destination geared towards pedestrians. CMA provided local planning expertise and civil engineering to support the efforts of JCFOs development of the Master Plan. Fee \$ 25,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Old Pompano Area Improvements Pompano Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES      CONSTRUCTION <i>(If applicable)</i> Ongoing      Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Landscape Architect.CMA is providing planning and design services for infrastructure improvements within the public right-of-way areas within the project limits for the Old Pompano Area for the City of Pompano Beach. The proposed infrastructure improvements within Phase 2 in the Old Pompano Area will include roadway, streetscape, landscape, irrigation, lighting and utility infrastructure improvements. Each public roadway in the Phase 2 of the Old Pompano Area will receive improvements to the existing roadways, pedestrian sidewalks, stormwater drainage, pavement markings, signage, landscaping, irrigation and lighting along with various utility improvements to the water, sewer and reclaimed water systems. Fee \$ 484,050	<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 Stefan Bortak, RLA, CID	13. ROLE IN THIS CONTRACT Irrigation Designer	14. YEARS EXPERIENCE a. TOTAL 14      b. WITH CURRENT FIRM 8	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, West Palm Beach, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Interdisciplinary Studies		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Bortak is a certified irrigation designer – commercial for Chen Moore and Associates. He has over 13 years of experience with all aspects of irrigation consulting, design, details and specifications. He prepares landscape, hardscape, and irrigation plans from concept to construction documents; irrigation distribution plans; water use permits; water use analysis; LEED documentation and calculations. Mr. Bortak also performs construction administration, shop drawing review, and inspections. He is responsible for producing plan and section renderings and graphics, and realistic 3D renderings and fly-through videos.			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Dixie Highway Improvement Project Streetscape Plan Fort Lauderdale, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2012      CONSTRUCTION <i>(If applicable)</i> 2013	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Designer. CMA developed a streetscape master plan for Dixie Highway in the Middle River Terrace Neighborhood of Fort Lauderdale, Florida. CMA was contracted by the City to work with the local homeowner's association who received a grant to fund the development of a complete streets master plan. The neighborhood was developed prior to many current planning and zoning standards being implemented in the City, as a result, the community has concerns about unsafe conditions for pedestrians and bicyclists due to unregulated land development patterns. CMA is developing the master plan to include pedestrian and bike trails, to narrow the width of the travel ways, and to add hardscape and landscape beautification, including the development of gateway features into the neighborhood. Fee 17,550 Cost \$ 3.3 Million		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Dixie Highway Improvements Wilton Manors, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2014      CONSTRUCTION <i>(If applicable)</i> 2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Designer. The City of Wilton Manors retained CMA to design a roadway improvement along a portion of North Dixie Highway within the City limits. The intention of the project was to implement the following elements along North Dixie Highway within the project limits: Install new bicycle lanes along the corridor on both sides of roadway, Install new curbing and gutter to accommodate new roadway section, Install new pedestrian sidewalks to accommodate new roadway section, Install pedestrian level lighting along new sidewalk as allowed by adjacent private property, Install limited landscaping in available right of way areas along corridor, Modify existing drainage facilities to accommodate new roadway section. In order to implement new bicycle lanes along Dixie Highway, the roadway cross section was modified along the majority of the project limits. The modified roadway cross section was wider than the existing roadway cross section, which required the removal of some existing curbing and sidewalks along with the relocation of some existing drainage facilities. Fee 128,390		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Lincoln Road Master Plan Miami Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016      CONSTRUCTION <i>(If applicable)</i> N/A	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Designer. CMA was the local subconsultant to James Corner Field Operations (JCFO), the designers of New York City famed High Line, in the development of a Master Plan for the Lincoln Road Mall Historic District in Miami Beach. Lincoln Road Mall is Americas first pedestrian mall designed in the 1960s by Morris Lapidus. Today, Lincoln Road Mall receives an average of 10,000 visitors per day and is a major tourist destination geared towards pedestrians. CMA provided local planning expertise and civil engineering to support the efforts of JCFOs development of the Master Plan. Fee \$ 25,000		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> University Dr-NW 40th to Sawgrass Expressway Sunrise, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing      CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Designer. CMA is providing professional landscape architecture services for this off-system project for FDOT D4 as a subconsultant to DRMP. The project lies wholly within the city limits of Coral Springs. The scope of the project includes the conversion of an existing 4 lane road section to 6 lanes. This section of University Drive has a significant amount of existing tree canopy and is lined with multiple businesses and residential neighborhoods that will be impacted by the widening. The design goals are to limit the impact to the existing tree canopy, incorporate a proposed linear park and meandering shared use paths into the design, and develop a cohesive landscape theme for the corridor. The project requires close coordination with FDOT D4, Broward County, and the City of Coral Springs. Fee \$ 79,098.70		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Coral Springs Streetscaping Coral Springs, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015      CONSTRUCTION <i>(If applicable)</i> 2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Designer. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. Fee \$ 235,739.98 Cost \$ 1 Million		



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

(Complete one Section E for each key person.)

12. NAME Eric Harrison, RLA	13. ROLE IN THIS CONTRACT Landscape/Urban Design	14. YEARS EXPERIENCE a. TOTAL 16      b. WITH CURRENT FIRM 6	
15. FIRM NAME AND LOCATION (City and State) Chen Moore and Associates, West Palm Beach, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science / Landscape Architecture Associate of Arts /		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Registered Landscape Architect	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Harrison has over 16 years of landscape architecture experience with several municipalities throughout South Florida. He has provided design services for parks and recreation, university campuses, K-12 education, corporate office, commercial developments and healthcare facilities.			

## **19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State) Hollywood Beach Golf Course Greenway Hollywood, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing		CONSTRUCTION (If applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. CMA is providing professional landscape architecture services for the development of conceptual plans for the perimeter right-of-way surrounding the Hollywood Beach Golf Resort. CMA will perform a site analysis and field investigation; prepare concept plans and illustrations; prepare a cost estimate; and obtain public input with workshops. Fee \$ 16,000			
b.	(1) TITLE AND LOCATION (City and State) Lincoln Road Master Plan Miami Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016		CONSTRUCTION (If applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Architect. CMA was the local subconsultant to James Corner Field Operations (JCFO), the designers of New York City famed High Line, in the development of a Master Plan for the Lincoln Road Mall Historic District in Miami Beach. Lincoln Road Mall is Americas first pedestrian mall designed in the 1960s by Morris Lapidus. Today, Lincoln Road Mall receives an average of 10,000 visitors per day and is a major tourist destination geared towards pedestrians. CMA provided local planning expertise and civil engineering to support the efforts of JCFOs development of the Master Plan. Fee \$ 25,000			
c.	(1) TITLE AND LOCATION (City and State) Old Pompano Area Improvements Pompano Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing		CONSTRUCTION (If applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Architect. CMA is providing planning and design services for infrastructure improvements within the public right-of-way areas within the project limits for the Old Pompano Area for the City of Pompano Beach. The proposed infrastructure improvements within Phase 2 in the Old Pompano Area will include roadway, streetscape, landscape, irrigation, lighting and utility infrastructure improvements. Each public roadway in the Phase 2 of the Old Pompano Area will receive improvements to the existing roadways, pedestrian sidewalks, stormwater drainage, pavement markings, signage, landscaping, irrigation and lighting along with various utility improvements to the water, sewer and reclaimed water systems. Fee \$ 484,050			
d.	(1) TITLE AND LOCATION (City and State) University Dr-NW 40th to Sawgrass Expressway Sunrise, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing		CONSTRUCTION (If applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Architect. CMA is providing professional landscape architecture services for this off-system project for FDOT D4 as a subconsultant to DRMP. The project lies wholly within the city limits of Coral Springs. The scope of the project includes the conversion of an existing 4 lane road section to 6 lanes. This section of University Drive has a significant amount of existing tree canopy and is lined with multiple businesses and residential neighborhoods that will be impacted by the widening. The design goals are to limit the impact to the existing tree canopy, incorporate a proposed linear park and meandering shared use paths into the design, and develop a cohesive landscape theme for the corridor. The project requires close coordination with FDOT D4, Broward County, and the City of Coral Springs. The services being provided by CMA include community input, tree inventory and disposition plans, tree mitigation permitting, landscape, hardscape, and irrigation design. Fee \$ 79,098.70			
e.	(1) TITLE AND LOCATION (City and State) Downtown Coral Springs Streetscaping Coral Springs, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015		CONSTRUCTION (If applicable) 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Architect. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. Fee \$ 235,739.98 Cost \$ 1 Million			

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT***(Complete one Section E for each key person.)*

12. NAME Eric Ferguson	13. ROLE IN THIS CONTRACT Landscape/Urban Design	14. YEARS EXPERIENCE a. TOTAL 20      b. WITH CURRENT FIRM 2	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, West Palm Beach, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Landscape Architecture Associate of Arts / Architectural Drafting Detailing/General Studies		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Ferguson recently joined CMA as a landscape designer. His 18 years of experience includes serving as a Landscape/Irrigation Designer and Project Manager for another firm where he produced site, landscape and irrigation plans and performed construction observation. Eric stays current with the latest software used in landscape design production including AutoCAD, LandFX 2017 and Microstation SS3,SS4.			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> University Dr-NW 40th to Sawgrass Expressway Sunrise, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES      CONSTRUCTION <i>(If applicable)</i> Ongoing      Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Architect. CMA is providing professional landscape architecture services for this off-system project for FDOT D4 as a subconsultant to DRMP. The project lies wholly within the city limits of Coral Springs. The scope of the project includes the conversion of an existing 4 lane road section to 6 lanes. This section of University Drive has a significant amount of existing tree canopy and is lined with multiple businesses and residential neighborhoods that will be impacted by the widening. The design goals are to limit the impact to the existing tree canopy, incorporate a proposed linear park and meandering shared use paths into the design, and develop a cohesive landscape theme for the corridor. The project requires close coordination with FDOT D4, Broward County, and the City of Coral Springs. The services being provided by CMA include community input, tree inventory and disposition plans, tree mitigation permitting, landscape, hardscape, and irrigation design. Fee \$ 79,098.70	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> David Park Improvements Margate, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES      CONSTRUCTION <i>(If applicable)</i> Ongoing      Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Architect. CMA is providing civil engineering and landscape architecture as part of CPZ Architecture's team for David Park and George Mudd Playground in the City of Margate. CMA is providing design development; construction documents; government permitting; and construction administration for this project. The proposed program for the project includes the design, permitting, and construction for a prefabricated pavilion on concrete slab; replacement concrete sidewalks and bathroom apron; utility connections for a new pre-fabricated bathroom; new 10 car surface parking area with roadway connection; landscape and irrigation; and stormwater design and permitting to accommodate new improvements. The site plan will include water, sewer, drainage, paving & marking, landscape and irrigation plans for the project. Fee \$ 26,120	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> University Drive Highway Beautification Miramar, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES      CONSTRUCTION <i>(If applicable)</i> Ongoing      Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Architect. CMA is performing the design, permitting, and construction of landscape and irrigation improvements to an approximately 1.59 mile section of road along University Drive in the City of Miramar. The project involves providing preliminary and final landscape plans. Fee \$ 19,100	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> JM Family Campus Renovation-Deerfield Beach Deerfield Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES      CONSTRUCTION <i>(If applicable)</i> Ongoing      Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Architect. CMA is providing landscape architecture services as a subconsultant to PGAL Associates. CMA is developing campus-wide landscape and hardscape plans to support the construction of the new facilities. Services include design development, construction documents and permitting. The project is being launched to attract new generations of workers and marks JM Family's 50th anniversary. Fee \$ 146,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Misc District Wide Landscape Support-TWO 1 Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES      CONSTRUCTION <i>(If applicable)</i> Ongoing      Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Architect. CMA is providing FDOT District 6 with miscellaneous landscape architectural services. The scope of services includes plan reviews; attending and reporting on design, coordination, and review meetings; miscellaneous landscape architectural and engineering consultation; miscellaneous landscape architectural planning and design; construction inspection and/or field assessments; rendering sections and plan boards; permitting; project coordination, correspondence and project filing; and developing project scopes. Fee \$ 45,531.29	<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 Tanya McCormick, RLA, AICP		13. ROLE IN THIS CONTRACT Landscape/Urban Design		14. YEARS EXPERIENCE	
				a. TOTAL 12	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, West Palm Beach, FL					
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Landscape Architecture			17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Registered Landscape Architect		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Ms. McCormick recently joined CMA's West Palm Beach office as a project landscape architect. Her previous experience includes developing and completing master plans, land plans, site plans, landscape plans and detailed design for commercial and residential properties of varying sizes and intensities. She has a knowledge of local municipal codes and is proficient in Florida's plant palette, local environmental conditions, and site-specific micro climates used to prepare aesthetic and functioning landscape designs. She has prepared illustrations and renderings for project exhibition and marketing; prepared presentations for public hearings and government staff authorization; and worked with multidisciplinary teams throughout design process and throughout government approval process.					
<b>19. RELEVANT PROJECTS</b>					
a.	(1) TITLE AND LOCATION <i>(City and State)</i> Westlake City Engineering Services Westlake, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(if applicable)</i> ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Landscape Architect. CMA is serving as City Engineer for the newly incorporated City of Westlake in Palm Beach County. CMA provides oversight and administration of engineering services, provides technical support for other City departments, assists in the site plan application and review process for engineering and landscape architecture design and overall quality control/quality assurance, including but not limited to review and approval of water, sewer, paving and drainage, landscape, hardscape and irrigation plans for compliance with applicable regulatory standards. Fee: 223,948		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> WPB 31st to 35th Street Water Main Improvements West Palm Beach, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(if applicable)</i> ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Landscape Architect. CMA is providing engineering and consulting professional services for the Water Main Improvements on 31st, 32nd, 33rd, 34th & 35th Streets for the City of West Palm Beach. The utility improvements are being completed under the City's bond program, and have strict deadlines for completion. The neighborhood will receive full water main replacement, sanitary sewer replacement, roadway, curb and sidewalk improvements. In addition to the design and permitting efforts, the CMA Team is providing public outreach efforts including presentation at Neighborhood Association Meetings and City Commission. CMA will be submitting this project for Envision Certification, by the Institute for Sustainable Infrastructure, during the 90% design phase. This certification process includes a submittal package for each credit, coordination with the Contractor and various City departments. Fee \$250,266		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Midgard-Crown Center Realty Project Fort Lauderdale, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(if applicable)</i> ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Landscape Architect. Chen Moore and Associates is a subconsultant to CPZ Architects for the design, permitting, and construction administration for a new commercial/retail facility located in a business park campus on Cypress Creek Road in Fort Lauderdale. CMA is providing civil engineering and landscape architecture services including from site plan approval through construction administration. CMA is responsible for the site design including new utility services; stormwater management; paving, grading, and drainage; tree inventory and mitigation permitting; landscape, hardscape, and irrigation design. The project is being approved and permitted through the City of Fort Lauderdale and Broward County. Fee: \$56,000		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Gulliver Preparatory School - Zyscovich Architects Pinecrest, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(if applicable)</i> ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Landscape Architect. Chen Moore and Associates is a subconsultant to Zyscovich Architects for the design, permitting, and construction administration for the implementation of a new campus master plan for Gulliver preparatory School. The School is expanding its campus in the Village of Pinecrest to include new classroom, athletic, auditorium and parking garage facilities. CMA is providing landscape architecture services including site plan approval, tree inventory and mitigation permitting, landscape, hardscape, and irrigation design. Fee \$40,500		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Crossbridge Church Pinecrest, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(if applicable)</i> ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Landscape Architect. Chen Moore and Associates is a subconsultant to Brockhouse Architects for the design, permitting, and construction administration for a new worship facility for Crossbridge Church. The Church is relocating to an adjacent parcel to allow for the expansion of the Gulliver Preparatory School in the Village of Pinecrest. CMA is providing landscape architecture services including site plan approval, tree inventory and mitigation permitting, landscape, hardscape, and irrigation design. Fee \$ 16,400		<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 Yan Chen	13. ROLE IN THIS CONTRACT Landscape/Urban Design	14. YEARS EXPERIENCE a. TOTAL 1      b. WITH CURRENT FIRM 1	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates Inc, Orlando, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Master of Science / Landscape Architecture Bachelor of Arts / Urban Design		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Yan Chen is an associate landscape designer who recently earned her master's degree in landscape architecture from the University of Florida. She holds her bachelor's degree in urban planning from South Agriculture University in Guangzhou, China. She worked professionally as an urban planner for three years with the Water Planning Institute in Shenzhen, China before beginning her studies in the United States. She is providing production support to senior landscape architecture staff for multiple contracts and brings an extensive knowledge of 3D rendering software and techniques, as well as, GIS technology to the firm.			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing      CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Associate Landscape Designer. CMA is providing engineering design services for the under Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. A combination of multiple improvements to the stormwater management system have been developed to alleviate the existing flooding issues within the Victoria Park neighborhood. Fee: \$ 812,799	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> NMB-Highland Drive Roadway Improvements N Miami Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing      CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Associate Landscape Designer. CMA is providing civil engineering services for the Highlands Drive Roadway Improvements project for the City of North Miami Beach, Florida. The scope includes designing and reconstructing Highlands Drive, from Biscayne Blvd, south to the interface with the new roundabout currently in design by CMA. The proposed roadway reconstruction will include two-lane divided boulevard section, appropriate drainage system, landscaping and irrigation. Fee \$ 64,425	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> JM Family Campus Renovation-Deerfield Beach Deerfield Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing      CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Associate Landscape Designer. CMA is providing landscape architecture services as a subconsultant to PGAL Associates. CMA is developing campus-wide landscape and hardscape plans to support the construction of the new facilities. Services include design development, construction documents and permitting. The project is being launched to attract new generations of workers and marks JM Family's 50th anniversary. Fee \$ 146,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Misc District Wide Landscape Support-TWO 1 Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing      CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Associate Landscape Designer. CMA is providing FDOT District 6 with miscellaneous landscape architectural services. The scope of services includes plan reviews; attending and reporting on design, coordination, and review meetings; miscellaneous landscape architectural and engineering consultation; miscellaneous landscape architectural planning and design; construction inspection and/or field assessments; rendering sections and plan boards; permitting; project coordination, correspondence and project filing; and developing project scopes. Fee \$ 45,531.29	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> TWO 1--Turnpike GEC LA Services, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing      CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Associate Landscape Designer. Florida Turnpike Enterprise General Engineering Contract. Chen Moore and Associates (CMA) is a subconsultant to HNTB on the General Engineering Contract for the Florida Turnpike Enterprise. CMA provides support to the District Landscape Architects office in developing, managing, and implementing the five year landscape work program; landscape architectural design; updates and management of the FTE branding document; master planning of the FTEs landscape design; design for special assignments such as Suntrax, SR528, Coral Way Park, and interchange design for multiple locations; plans review; post design services; and landscape inventory utilizing ESRI GIS Collector to manage FTEs landscape assets. Fee \$ 599,459	<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 Daniel Davila, P.E.	13. ROLE IN THIS CONTRACT Roadway/Streetscape	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 8
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Fort Lauderdale, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Davila has over 18 years of civil engineering experience. His experience includes water and wastewater facilities, facilities planning, utilities master planning, infrastructure renewal, construction management and rate and financial studies. Mr. Davila has assisted numerous clients that range from municipalities, counties, federal agencies, healthcare districts, residential developers and commercial developers to educational institutions. He has been the contract manager for small projects as well as large complex projects managing millions of dollars in design fees and several subconsultants. Mr. Davila has been the contract manager for several government agencies including St. Lucie County; City of Plantation; St Lucie County School Board; Memorial Healthcare System; Village of Wellington; City of West Palm Beach; and Palm Beach County.			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA is the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project led by Murphy Pipeline Contractors (MPC) was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues. The contract was divided into four (4) phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline is being rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting and engineering services during construction. Environmental compliance, subaqueous crossing, public involvement and maintenance of traffic in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. Cost \$ 14,000,000 Fee \$887,295	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA is providing engineering design services for the under Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. A combination of multiple improvements to the stormwater management system have been developed to alleviate the existing flooding issues within the Victoria Park neighborhood. Fee: \$ 812,799	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> BARC & SATC Civil & Landscape Dev Project Ft Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA, as a subconsultant to Saltz Michelson, is providing professional services for the site civil and landscape architecture design for the development of the Broward Addiction Recovery Center (BARC) and the Nancy J Cotterman Center (NJCC) buildings. The building is being designed to meet LEED Gold certifications. Fee \$ 77,885.85	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 5 Overseas Hwy/Landscape Plans-TWO 2 Sugar Loaf Key, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA is leading a multidisciplinary consultant team to deliver landscape plans for the SR5/Overseas Highway (MM15.46 to MM20.14) project on Sugarloaf Key for Florida Department of Transportation District 6 under our Districtwide Landscape Architecture Contract. The study segment along SR5/Overseas Highway begins at Lower Sugarloaf key south of the Harris Channel continuing north over Park Key and ending on the north end of Upper Sugarloaf Key. CMA is providing survey, environmental resource studies, traffic control plans, community awareness plans and workshops, renderings, and landscape plans for the project. The project will let for construction in FY2019. Fee \$183,734.14	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> TWO 1--Turnpike GEC LA Services, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. Florida Turnpike Enterprise General Engineering Contract. Chen Moore and Associates (CMA) is a subconsultant to HNTB on the General Engineering Contract for the Florida Turnpike Enterprise. CMA provides support to the District Landscape Architects office in developing, managing, and implementing the five year landscape work program; landscape architectural design; updates and management of the FTE branding document; master planning of the FTEs landscape design; design for special assignments such as Suntrax, SR528, Coral Way Park, and interchange design for multiple locations; plans review; post design services; and landscape inventory utilizing ESRI GIS Collector to manage FTEs landscape assets. Fee \$ 599,459	<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 Safiya Brea, P.E., LEED AP	13. ROLE IN THIS CONTRACT Utilities Coordination	14. YEARS EXPERIENCE a. TOTAL 18      b. WITH CURRENT FIRM 17	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Fort Lauderdale, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Ms. Brea has over 16 years of experience with neighborhood improvement projects, including the design of roadways, sidewalks, drainage, water and wastewater infrastructure. As a senior civil engineer, she has managed projects ranging from thousands of dollars to multi-million dollar, large-scale neighborhood improvement programs. Ms. Brea has managed and designed streetscape improvements, roundabouts, lift station, stormwater improvements and master plans, and booster station basis of design reports. Her duties include construction management, managing GIS and Autocad design work, Cascade modeling, sewer modeling, and report preparation for municipalities throughout South Florida.			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Coral Springs Streetscaping Coral Springs, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015      CONSTRUCTION <i>(If applicable)</i> 2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. Fee \$ 235,739.98 Cost \$ 4.1 Million	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> South Pointe Phase III/IV/V - Right-of-Way Improvement Project Miami Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2012      CONSTRUCTION <i>(If applicable)</i> 2016	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA was the prime consultant and was responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and construction engineering and inspection services for infrastructure improvements within the public right of way areas of the South Pointe III/IV/V neighborhood of Miami Beach. The project encompasses approximately 19,000 LF of ROW infrastructure improvements including 9,300 LF 8" water main replacements, stormwater drainage improvements, paving & grading, streetscaping enhancements, landscaping improvements, lighting improvements, and roadway reconstruction. Fee \$ 2,305.06 Cost \$ 10.5 Million	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Broadview Park Neighborhood Improvement Program - Bid Pack 4 Broward County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2013      CONSTRUCTION <i>(If applicable)</i> 2013	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. Ms. Brea was responsible for the design of the sewer, roadway and sidewalk improvements as well as the permitting and project coordination's. The Broadview Park Neighborhood Improvement Program (BPNIP) was the last of the Neighborhood Infrastructure Improvements projects to be carried out by Broward County in the unincorporated areas. CMA was selected as the prime consultant for the Basis of Design Report (BODR) and subsequent bid packages. The fourth Bid Package addressed the sanitary sewer and drainage improvements, as well as improvements to the community's sidewalks, roadway and landscape. Cost \$ 45,000,000 Fee \$ 616,690	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Coconut Creek Parkway Margate, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016      CONSTRUCTION <i>(If applicable)</i> 2016	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA provided professional services to the Margate CRA for the design, permitting and construction administration of the Coconut Parkway Median Improvement Project from SR 7 to Banks Road. CMA coordinated with Broward County Traffic Engineering to determine the possibility of installing a median with turning lanes in the existing center suicide lane. Coordination was also required with Broward County Highway Construction Engineering Division, the Florida Department of Transportation, and Broward County Environmental Protection and Growth Management Division for surface water management permitting. The project was coordinated with simultaneous improvements by the City of Coconut Creek. The design incorporated 'Green' elements which were used to reduce the amount of water needed to irrigate. Cost \$ 75,000 Fee 59,291	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Neighborhood Improvement Project - CDBG Program	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2005      CONSTRUCTION <i>(If applicable)</i> 2005	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. Under the 30th Year Community Development Block Grant (CDBG) program, Chen Moore and Associates was hired by the City of Dania Beach to conduct a Needs Assessment for seven communities and a preliminary Crime Prevention Through Environmental Design (CPTED) Study. The study also included the assessment of Boisey-Waiters Area. The study covered the following items: Street Lighting, Traffic Calming / Traffic Flow Modifications, Drainage Sidewalks, Community Patrol / Crime Watch, Neighborhood Beautifications, Neighborhood Signage The purpose of these studies was to identify the needs of the neighborhoods and to provide a strategic implementation plan.	<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 Jennifer Smith, P.E.	13. ROLE IN THIS CONTRACT Stormwater	14. YEARS EXPERIENCE a. TOTAL 13      b. WITH CURRENT FIRM 13	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Fort Lauderdale, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Ms. Smith is currently serving as a senior engineer with Chen Moore and Associates. Her 11 years of experience in the civil engineering field includes GIS and AutoCAD design work, detailed design work on the Broward County UAZ Water and Sewer Improvement Project, Stormwater Master Plan for the City of Pompano Beach and Coral Springs, Drainage Design for the City of Pompano Beach and Lauderdale by the Sea and the Design of GIS Utility Atlases. Current duties include water main, sanitary sewer and lift station design and permitting, drainage modeling, design and permitting as well as GIS modeling.			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Dixie Highway Improvements Wilton Manors, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2014		CONSTRUCTION <i>(If applicable)</i> 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Sr. Engineer. The City of Wilton Manors retained CMA to design a roadway improvement along a portion of North Dixie Highway within the City limits. The intention of the project was to implement the following elements along North Dixie Highway within the project limits: Install new bicycle lanes along the corridor on both sides of roadway, Install new curbing and gutter to accommodate new roadway section, Install new pedestrian sidewalks to accommodate new roadway section, Install pedestrian level lighting along new sidewalk as allowed by adjacent private property, Install limited landscaping in available right of way areas along corridor, Modify existing drainage facilities to accommodate new roadway section. In order to implement new bicycle lanes along Dixie Highway, the roadway cross section was modified along the majority of the project limits. The modified roadway cross section was wider than the existing roadway cross section, which required the removal of some existing curbing and sidewalks along with the relocation of some existing drainage facilities. Fee \$ 128,390			
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Old Pompano Area Improvements Pompano Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing		CONSTRUCTION <i>(If applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Sr. Engineer. CMA is providing planning and design services for infrastructure improvements within the public right-of-way areas within the project limits for the Old Pompano Area for the City of Pompano Beach. The proposed infrastructure improvements within Phase 2 in the Old Pompano Area will include roadway, streetscape, landscape, irrigation, lighting and utility infrastructure improvements. Each public roadway in the Phase 2 of the Old Pompano Area will receive improvements to the existing roadways, pedestrian sidewalks, stormwater drainage, pavement markings, signage, landscaping, irrigation and lighting along with various utility improvements to the water, sewer and reclaimed water systems. Fee \$ 484,050			
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Coral Springs Streetscaping Coral Springs, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015		CONSTRUCTION <i>(If applicable)</i> 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Sr. Engineer. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. Fee \$ 235,739.98 Cost \$ 1 Million			
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing		CONSTRUCTION <i>(If applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Sr. Engineer. CMA is providing engineering design services for the under Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. A combination of multiple improvements to the stormwater management system have been developed to alleviate the existing flooding issues within the Victoria Park neighborhood.			
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Hollywood Stormwater Master Plan Update Hollywood, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011		CONSTRUCTION <i>(If applicable)</i> 2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Sr. Engineer. CMA was retained by the City of Hollywood to prepare a Stormwater Master Plan Update for the entire City limits. The City of Hollywood is fully developed with chiefly residential properties mixed with commercial properties and also includes some agricultural, industrial, institutional and government-owned properties. The City of Hollywood operates and maintains its own stormwater facilities to provide flood control and water quality treatment within the City limits. Existing drainage facilities within the City include storm inlets, gravity pipes, pump stations, pressure mains, injection wells, outfalls and canals that connect to the Intracoastal Waterway. The Stormwater Master Plan Update was intended to be a guide for improving the performance of the City's stormwater management system while meeting regulatory requirements for flood control, peak stages, peak discharge, and water quality of stormwater runoff. Fee \$ 103,222			

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER  1
21. TITLE AND LOCATION <i>(City and State)</i> Euclid Streetscape Improvements (Lincoln Center Building) Miami Beach, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> 2017

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER R & O Studio LLC	b. POINT OF CONTACT NAME Omar Moreno	c. POINT OF CONTACT TELEPHONE NUMBER (305) 741-4220
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

Chen Moore and Associates provided civil engineering and landscape architecture services for the pedestrianizing of Euclid Avenue between Lincoln Road and Lincoln Lane in the City of Miami Beach. This stretch of road will be incorporated into the historic pedestrian street known as Lincoln Road Mall. The project is funded by the City of Miami Beach through a developer's agreement with Lincoln Center Associates which owns the retail building at the intersection of Euclid Avenue with Lincoln Road. The project requires coordination with various agencies including the City of Miami Beach Planning Department, Public Works, Greenspace management, and Capital Improvements, as well as Miami-Dade County Environmental Protection, Traffic, and Utilities. The scope of work includes providing site design and permitting including layout, hardscape, landscaping, lighting, drainage, and utilities. Fee: \$60,000; Cost: \$502,000



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

a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime – Landscape Architecture
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(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 NUMBER

2

21. TITLE AND LOCATION *(City and State)*

Dixie Highway Improvement Project Streetscape Plan  
Fort Lauderdale, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2012

CONSTRUCTION *(If applicable)*  
2013

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Fort Lauderdale

b. POINT OF CONTACT NAME

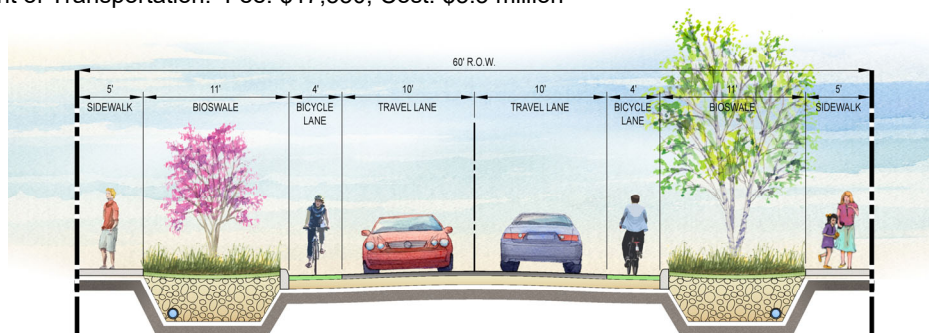
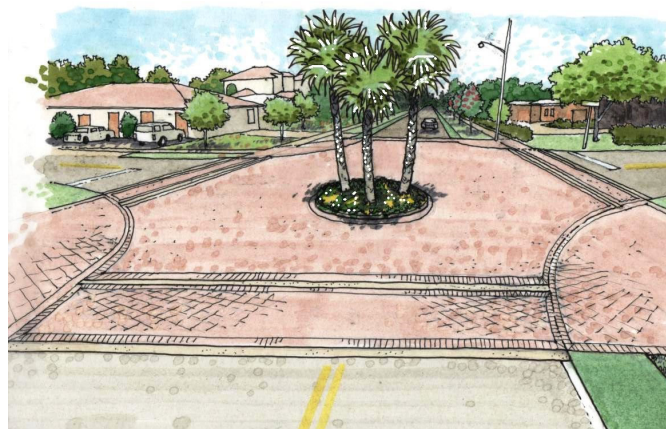
Louis LaFaurie

c. POINT OF CONTACT TELEPHONE NUMBER

(954) 828-6538

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

Chen Moore and Associates developed a streetscape master plan for Dixie Highway in the Middle River Terrace Neighborhood of Fort Lauderdale, Florida. CMA was contracted by the City to work with the local homeowners association who received a grant to fund the development of a complete streets master plan. The neighborhood was developed prior to many current planning and zoning standards being implemented in the City, as a result, the community has concerns about unsafe conditions for pedestrians and bicyclists due to unregulated land development patterns. CMA is developing the master plan to include pedestrian and bike trails, to narrow the width of the travel ways, and to add hardscape and landscape beautification, including the development of gateway features into the neighborhood. In order to facilitate the master plan, CMA analyzed the area with regard to current zoning and right of way conditions and conducting field studies at different times of the day to understand on the ground conditions that are affecting resident safety. The Project requires coordination with the City of Fort Lauderdale and District 4 of the Florida Department of Transportation. Fee: \$17,550; Cost: \$3.3 million



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

a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime – Civil Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  3
<b>21. TITLE AND LOCATION (City and State)</b> Dixie Highway Improvements Wilton Manors, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2014

### 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Wilton Manors	b. POINT OF CONTACT NAME David Archacki	c. POINT OF CONTACT TELEPHONE NUMBER (954) 390-2190
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### 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The City of Wilton Manors retained Chen Moore and Associates to design a roadway improvement along a portion of North Dixie Highway within the City limits. The project was partially funded by FDOT through their Local Agency Program (LAP). The project limits included the public right of way of North Dixie Highway from the bridge at the City limits on the south to the Five Points intersection with Wilton Drive/NE26 Street on the north. This section of North Dixie Highway includes approximately 2,200 linear feet of roadway within public right of way which varies between 50 feet and 60 feet wide. The intention of the project was to implement the following elements along North Dixie Highway within the project limits:

- Install new bicycle lanes along the corridor on both sides of roadway
- Install new curbing and gutter to accommodate new roadway section
- Install new pedestrian sidewalks to accommodate new roadway section
- Install pedestrian level lighting along new sidewalk as allowed by adjacent private property
- Install limited landscaping in available right of way areas along corridor
- Modify existing drainage facilities to accommodate new roadway section

In order to implement new bicycle lanes along Dixie Highway, the roadway cross section was modified along the majority of the project limits. The modified roadway cross section was wider than the existing roadway cross section, which required the removal of some existing curbing and sidewalks along with the relocation of some existing drainage facilities. The configuration of the driveway access to private properties, especially within the north portion of the project, limited the implementation of all project elements in these areas due to pull in parking. Fee: \$128,390




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

a. (1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime – Civil Engineering
b. (1) FIRM NAME Stoner and Associates, Inc.	(2) FIRM LOCATION (City and State) Davie, FL	(3) ROLE Subconsultant - Survey
c. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  4
<b>21. TITLE AND LOCATION</b> <i>(City and State)</i> Lincoln Road Master Plan Miami Beach, FL	<b>22. YEAR COMPLETED</b>	
	<b>PROFESSIONAL SERVICES</b> 2016	<b>CONSTRUCTION</b> <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Miami Beach	b. POINT OF CONTACT NAME Adrian Morales	c. POINT OF CONTACT TELEPHONE NUMBER (305) 673-7500

<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost)</i>		
<p>Chen Moore and Associates was the local subconsultant to James Corner Field Operations (JCFO), the designers of New York City's famed High Line, in the development of a Master Plan for the Lincoln Road Mall Historic District in Miami Beach. Lincoln Road Mall is America's first pedestrian mall designed in the 1960's by Morris Lapidus. Today, Lincoln Road Mall receives an average of 10,000 visitors per day and is a major tourist destination geared towards pedestrians. CMA provided local planning expertise and civil engineering to support the efforts of JCFO's development of the Master Plan. Additionally, CMA provided support through the entire public process including Public Workshops, Workshops with Building Owners and Tenants, and Workshops with City Staff and Commissioners.</p> <p>CMA provided JCFO with local design support for the implementation of the plan for landscape, hardscape and irrigation component of the project. Fee: \$126,000</p>		
		

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	Chen Moore and Associates	Miami, FL	Subconsultant- Landscape Architecture
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

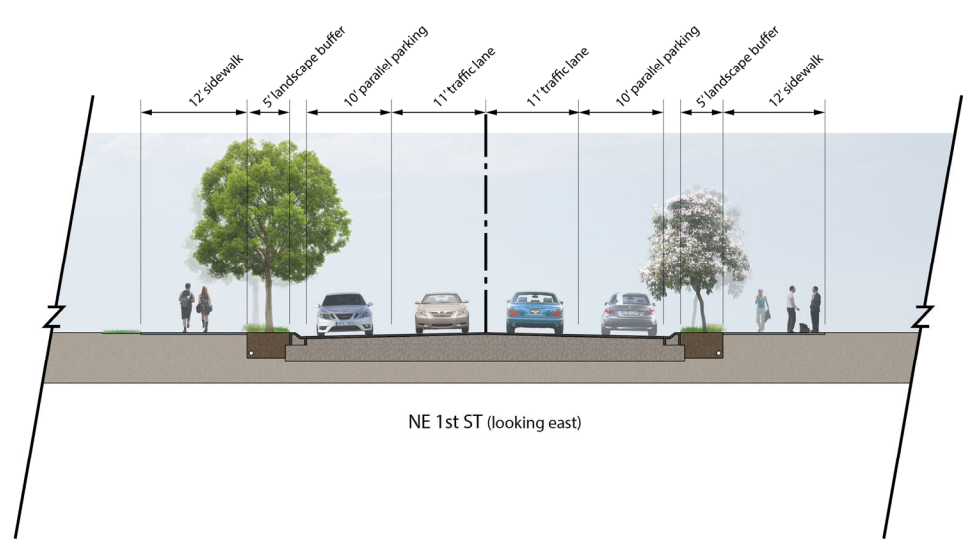


<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  5
21. TITLE AND LOCATION <i>(City and State)</i> Old Pompano Area Improvements Pompano Beach, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Pompano Beach	b. POINT OF CONTACT NAME Horacio Danovich	c. POINT OF CONTACT TELEPHONE NUMBER (954) 786-7834

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

CMA is providing planning and design services for infrastructure improvements within the public right-of-way areas within the project limits for the Old Pompano Area for the City of Pompano Beach. The proposed infrastructure improvements will be consistent with the Dixie East Transit Oriented Development Plan and the Downtown Pompano Transit Plan adopted by the City along with recently constructed infrastructure improvements within the Old Pompano Area. The proposed infrastructure improvements within Phase 2 in the Old Pompano Area will include roadway, streetscape, landscape, irrigation, lighting and utility infrastructure improvements. Each public roadway in the Phase 2 of the Old Pompano Area will receive improvements to the existing roadways, pedestrian sidewalks, stormwater drainage, pavement markings, signage, landscaping, irrigation and lighting along with various utility improvements to the water, sewer and reclaimed water systems. Fee: \$484,050



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime – Civil Engineering
b.	(1) FIRM NAME Nutting Engineers of Florida Inc.	(2) FIRM LOCATION <i>(City and State)</i> Boynton Beach, FL	(3) ROLE Subconsultant – Geotechnical Engineering
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  6
<b>21. TITLE AND LOCATION (City and State)</b> City Center Right-of-Way and Utility Improvement Project Miami Beach, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) ongoing

<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER City of Miami Beach	b. POINT OF CONTACT NAME Carla Dixon	a. PROJECT OWNER City of Miami Beach

<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>		
<p>Chen Moore and Associates was the prime consultant and is responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and construction engineering and inspection (CEI) services for infrastructure improvements within the public right-of-way (ROW) areas of the City Center neighborhood of Miami Beach. The project encompasses approximately 24,000 LF of ROW infrastructure improvements including: 8,700 LF of 8-inch water main replacements; sewer improvements, stormwater drainage improvements; paving &amp; grading; roadway/traffic improvements (streets, sidewalks, curb and gutter, drainage, traffic control devices including striping, signing and channelization); streetscaping and landscaping enhancements; decorative, landscape and roadway lighting improvements; and roadway reconstruction. Additionally, due to existing listed contaminated sites within the proximity of the ROW improvements, environmental coordination, including site analysis and consideration of the radius of influence, was necessary for coordinating dewatering operations. Due to the existing mixed residential and commercial environment of this neighborhood, special design efforts were made to incorporate walkable community elements including meeting all ADA requirements, providing street furniture, providing bicycle paths, upgrading sidewalks, incorporating specialty treatments at crosswalks, landscaping improvements with specialized tree wells to provide a walkable surface and bulb outs to increase pedestrian friendliness and safety. This project also required extensive coordination with the public, adjacent CRAs, historic districts and various regulatory agencies.</p> <p>As part of the proposed stormwater and drainage services, extensive analysis was conducted utilizing ICPR Modeling and GIS to meet or exceed required stormwater Level of Services standards. ICPR Modeling was utilized for the design and permitting of 14 drainage gravity wells. The proposed stormwater design included the introduction of catch basins and stormwater piping to effectively collect and route the stormwater to 16 drainage gravity wells with overflow outfall connections to Biscayne Bay. Due to the environmental sensitivity of Biscayne Bay design and implementation of water quality treatment measures was an important consideration and design factor of the system prior to outfall to the Bay and was closely coordinated with regulatory agencies during the permitting process. Fee: \$3,611,340; Cost: \$21.2 million</p>		



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>			
a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime – Civil Engineering
a.	(1) FIRM NAME Nutting Engineers of Florida Inc.	(2) FIRM LOCATION (City and State) Boynton Beach, FL	(3) ROLE Subconsultant – Geotechnical Engineering
b.	(1) FIRM NAME Stoner and Associates, Inc.	(2) FIRM LOCATION (City and State) Davie, FL	(3) ROLE Subconsultant - Surveying
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  7
<b>21. TITLE AND LOCATION (City and State)</b> Downtown Coral Springs Streetscaping Coral Springs, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i> 2015

**23. PROJECT OWNER'S INFORMATION**

<b>a. PROJECT OWNER</b> City of Coral Springs	<b>b. POINT OF CONTACT NAME</b> Daniella Lima Cohen	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (954) 346-1739
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

Chen Moore and Associates was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project.

The project included implementing Complete Street concepts for NW 31st Court, NW 94th Avenue and NW 32nd Street. Additionally, CMA implemented the culverting of the canal along NW 31st court to provide space for a linear park, currently called the "Art Walk", which is an important pedestrian connection between the downtown pathways project and The Walk development. Finally, the project includes the implementation of turn lanes along Sample Road, median improvements in Sample Road and minor improvements to adjacent alleyways and pedestrian pathways.

Overall, the project improves the walkable nature of Downtown Coral Springs, while tying together various aesthetic elements in advance of the City Hall project sited adjacent to them projects. Fee: \$235,739.98; Cost: \$4.1 million



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

<b>a.</b>	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime – Landscape Architecture
<b>b.</b>	(1) FIRM NAME Nutting Engineers of Florida Inc.	(2) FIRM LOCATION <i>(City and State)</i> Boynton Beach, FL	(3) ROLE Subconsultant – Geotechnical Engineering
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  8
<b>21. TITLE AND LOCATION</b> <i>(City and State)</i> Lauderdale-by-the-Sea E. Commercial Blvd Streetscape & Drainage Improvements Lauderdale-by-the-Sea, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2013

**23. PROJECT OWNER'S INFORMATION**

<b>a. PROJECT OWNER</b> Jaime Correa and Associates	<b>b. POINT OF CONTACT NAME</b> Jaime Correa	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (786) 412-3947
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

Chen Moore and Associates provided utility coordination; roadway and stormwater design; government permitting; and bidding assistance for the development of the design of streetscape and stormwater improvements to the downtown core and adjacent areas east of Bougainville Drive in the Town of Lauderdale by the Sea.

The goals of this project were to create an urban gathering place that provides beautiful vistas of the sea, provides increased shade from the intense sun and heat, enhances the pedestrian environment and safety while maintaining vehicular access to the businesses located on the street and improving vehicular circulation and parking, provides for expansion of outdoor dining areas, and pays tribute to the Town's history.

Chen Moore and Associates used GIS to assist with utility coordination and base map preparation; assisting with the design concepts and cost estimates; recommending alternatives for paving design for the roadway and pedestrian traffic areas; prepared initial roadway alignment plan; prepared initial drainage and utility relocation plans; completed a stormwater design model; submitted for government permits; and provided bidding assistance for this project. Fee \$74,000; Cost \$1,870,000



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

<b>a.</b>	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Subconsultant – Civil Engineering
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

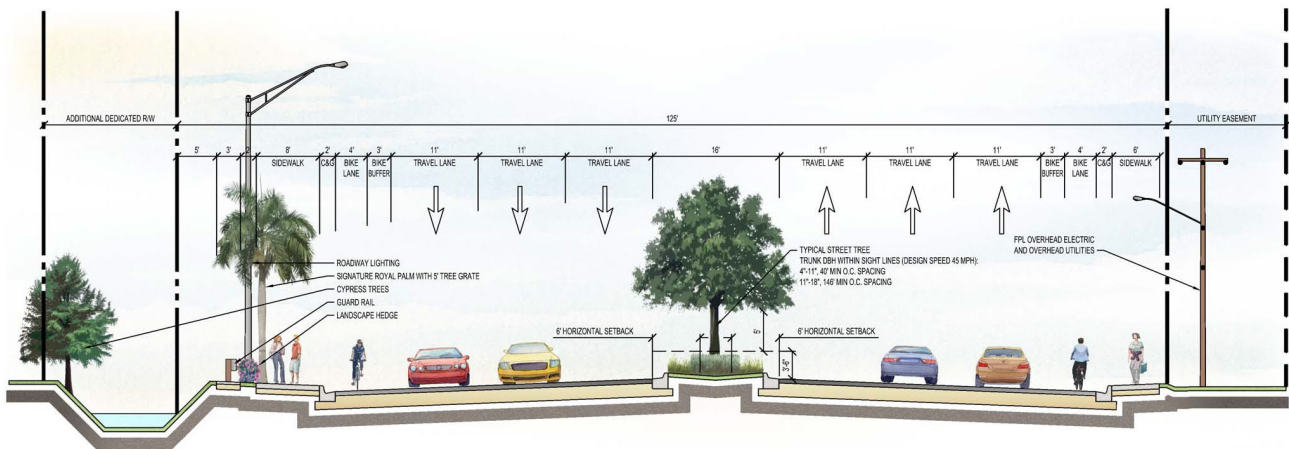


<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  9
<b>21. TITLE AND LOCATION (City and State)</b> Wiles Rd from Rock Island Rd to State Rd 7 Coral Springs, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION (If applicable) ongoing

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Broward County	b. POINT OF CONTACT NAME Marwan Mufleh	c. POINT OF CONTACT TELEPHONE NUMBER (561) 330-2345

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

Chen Moore and Associates is providing landscape architecture services as a subconsultant to Kimley Horn and Associates for the widening of Wiles Road between SR7 and Godfrey Road in Coral Springs. CMA's scope of work includes hardscape, landscape, and irrigation design. CMA is also preparing public outreach documents to coordinate landscape impacts and improvements with abutting residential neighborhoods and government permitting agencies. Fee: \$50,630; Cost: \$9 million



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE



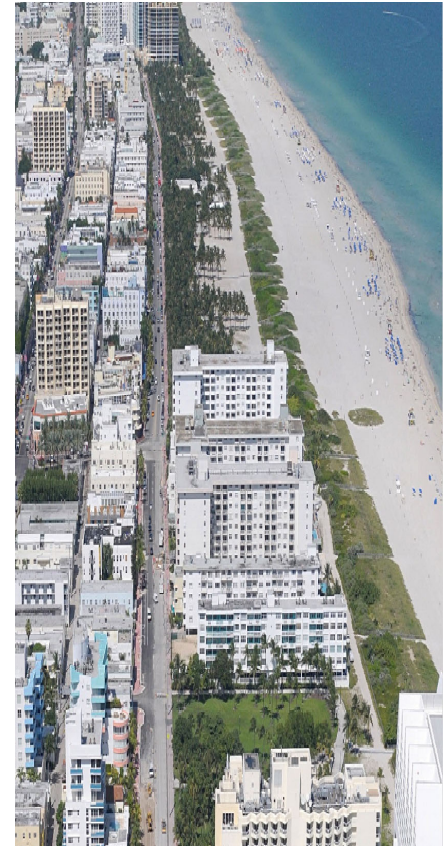
<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  10
<b>21. TITLE AND LOCATION (City and State)</b> South Pointe Phase III/IV/V - Right-of-Way Improvement Project Miami Beach, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2016

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER City of Miami Beach	b. POINT OF CONTACT NAME Carla Dixon	c. POINT OF CONTACT TELEPHONE NUMBER (305) 673-7000
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

Chen Moore and Associates was the prime consultant responsible for providing design, permitting, preparation of construction documents, bid assistance and construction engineering and inspection (CEI) services for infrastructure improvements within the public right of way areas of the South Pointe III/IV/V neighborhood of Miami Beach. This neighborhood improvement project required our firm to develop a quality urban environment consistent Miami Beach's world famous South Beach character while providing the necessary infrastructure to accommodate the everyday business life of this important commercial and residential district of the City. The project encompasses approximately 19,000 LF of ROW infrastructure improvements including: streetscape enhancements, landscape improvements, lighting improvements, 9,300 LF 8" water main replacements, stormwater drainage improvements, paving & grading, and roadway reconstruction. Due to the existing mixed use (residential, commercial) environment of this neighborhood, special design efforts were made to incorporate pedestrian friendly elements including meeting all ADA requirements, providing street furnishings, bicycle lanes and sharrows, upgrading sidewalks, incorporating specialty treatments at crosswalks, landscape improvements with specialized tree wells to provide ADA compliant surfaces and bulb outs to increase pedestrian friendliness and safety. This project required extensive coordination with the public, business owners, residents, adjacent CRAs, historic districts and various regulatory agencies in the form of community design workshops and special outreach meetings to individual special interest groups. Fee: \$2,305;354.06 Cost: \$10.5 million



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

a. (1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime – Civil Engineering
b. (1) FIRM NAME Nutting Engineers of Florida Inc.	(2) FIRM LOCATION (City and State) Boynton Beach, FL	(3) ROLE Subconsultant – Geotechnical Engineering
c. (1) FIRM NAME Stoner and Associates, Inc.	(2) FIRM LOCATION (City and State) Davie, FL	(3) ROLE Subconsultant - Surveying
d. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

**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
Cristobal Betancourt, RLA, AICP	Project Manager	X	X	X	X	X	X	X	X	X	X
Peter Moore, P.E., F.ASCE, ENV SP, LEED AP	Principal-in-Charge							X			X
Jose Acosta, P.E., F.ASCE	QA/QC							X	X		X
Stefan Bortak, RLA, CID	Irrigation Designer		X	X	X	X	X	X		X	X
Eric Harrison, RLA	Landscape/Urban Design	X			X	X	X	X		X	X
Tanya McCormick, RLA, AICP	Landscape/Urban Design										
Eric Ferguson	Landscape/Urban Design						X				
Yan Chen	Landscape/Urban Design										
Jason McClair, P.E., CFM, LEED AP	Roadway/Streetscape			X		X		X	X		X
Daniel Davila, P.E.	Roadway/Streetscape										
Safiya Brea, P.E., LEED AP	Utilities Coordination							X			X
Jennifer Smith, P.E.	Stormwater Engineering			X		X		X			

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (From Section F)	NO.	TITLE OF EXAMPLE PROJECT (From Section F)
1	Euclid Streetscape Improvements (Lincoln Center Building)	6	City Center Right-of-Way and Utility Improvement Project
2	Dixie Highway Improvement Project Streetscape Plan	7	Downtown Coral Springs Streetscaping
3	Dixie Highway Improvements	8	Lauderdale-by-the-Sea E. Commercial Blvd Streetscape & Drainage Improvements
4	Lincoln Road Master Plan	9	Wiles Rd from Rock Island Rd to State Rd 7
5	Old Pompano Area Improvements	10	South Pointe Phase III/IV/V - Right-of-Way Improvement Project

**STANDARD FORM 330 (REV. 8/2016) PAGE 4**

## H. ADDITIONAL INFORMATION

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

Chen Moore and Associates (CMA) is a multi-discipline consulting firm with offices in Fort Lauderdale, Miami, West Palm Beach, Orlando area and North Central Florida.

Founded in 1986, Chen Moore and Associates specializes in civil engineering, water resources, water and sewer, transportation, landscape architecture, planning and irrigation, environmental and construction engineering inspection. The firm commits to providing responsive quality services while meeting the schedules and specific project needs of our clients.

CMA actively supports various community organizations including Habitat for Humanity, Toys for Tots, the Cooperative Feeding Program, and Ocean Watch, a non-profit group focused on cleaning and preserving South Florida's Beaches. Firm staff participates in local professional society events including the American Society of Civil Engineers, Florida Engineering Society, American Society of Landscape Architects, Irrigation Association, Florida Recreation and Park Association, International Society of Arboriculture and the United States Green Building Council. We proudly support our industry and the communities in which we live, play and work.

Our services include the following:

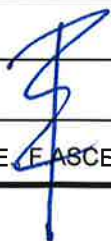
- Landscape Architecture
- Hardscape Design
- Irrigation Design
- Park Design
- Greenway & Trails Design
- Pedestrian & Bicycle Pathway Design
- Habitat Restoration
- Wayfinding
- GIS Analysis and Mapping
- Project and Program Management
- Sustainable Design and LEED Solutions
- Value Engineering
- Utility Rate and Infrastructure Valuation Studies
- Infrastructure Master Planning
- Pump Station Design and Rehabilitation
- Water Supply, Treatment and Distribution Design
- Stormwater Management System Design and Master Plans
- Environmental Engineering
- Roadway Design and Streetscape
- Traffic Calming Design
- Circulation & Roundabout Design
- Government Permitting
- Land Development
- Site Development
- Site Planning
- Resident Coordination and Stakeholder Meetings



## I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

12/20/2019

33. NAME AND TITLE

Peter Moore, P.E., F.ASCE, ENV SP, LEED AP, President and CEO

STANDARD FORM 330 (6/2004) PAGE 5

# ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (IF ANY)

12357-206


## PART II –GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME <b>Chen Moore and Associates, Inc.</b>			3. YEAR ESTABLISHED <b>1986</b>	4. DUNS NUMBER <b>859459547</b>
2b. STREET <b>500 W. Cypress Creek Rd., Suite 630</b>			5. OWNERSHIP	
2c. CITY <b>Fort Lauderdale</b>			a. TYPE <b>Corporation</b>	
2d. STATE <b>FL</b>			b. SMALL BUSINESS STATUS <b>N/A</b>	
2e. ZIP CODE <b>33309</b>			7. NAME OF FIRM (If block 2a is a branch office)	
6a. POINT OF CONTACT NAME AND TITLE <b>Peter Moore, PE, LEED AP, F.ASCE, President and CEO</b>				
6b. TELEPHONE NUMBER <b>(954) 730-0707, ext 1002</b>		6c. E-MAIL ADDRESS <b>pmoore@chenmoore.com</b>		
8a. FORMER FIRM NAME(S) (if any) <b>Chen and Associates Consulting Engineers, Inc.</b>			8b. YEAR ESTABLISHED <b>1986</b>	8c. DUNS NUMBER <b>859459547</b>

9. EMPLOYEES BY DISCIPLINE					10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index No. (see below)	
		(1) Firm	(2) Branch				
02	Administrative	10	8	C10	Commercial Building; (low rise); Shopping Centers	1	
08	CADD Technician	9	5	C15	Construction Management	1	
12	Civil Engineer	36	12	C18	Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting	2	
15	Construction Inspector	5	2	E02	Education Facilities; Classrooms	2	
16	Construction Manager	1	0	E09	Environmental Impact Studies, Assessments or Statements	1	
39	Landscape Architect	6	0	G04	GIS development, analysis, data	2	
47	Planner: Urban/Regional	2	0	H07	Highways; Streets; Airfield; Parking	2	
				L03	Landscape Architecture	4	
				P05	Planning (Community, Regional)	2	
				P06	Planning (Site, Installation)	2	
				P13	Public Safety Facilities	2	
				R04	Recreation Facilities (Parks, etc.)	2	
				R06	Rehab. (Buildings, Structures)	3	
				R11	Rivers Canals; Waterways; Flood Control	1	
				S04	Sewage Collection & Treatment	4	
				S11	Sustainable Design	1	
				S13	Stormwater Handling & Facilities	4	
				T02	Testing & Inspection Services	4	
				T03	Traffic & Transportation	2	
				V01	Value Analysis; Life-Cycle Costing	1	
				W03	Water Supply, Treatment, Distrib.	4	
<b>Total</b>		<b>69</b>	<b>29</b>				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	7	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 <b>12/20/2019</b>
c. NAME AND TITLE <b>Peter Moore, PE, F.ASCE, ENV SP, LEED AP, President</b>	

# Tindale-Oliver & Associates



# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Ali Ankudowich, AICP</b>	13. ROLE IN THIS CONTRACT Planning & Public Involvement Support	14. YEARS EXPERIENCE	
		a. TOTAL 4	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION (City and State)

**Tindale Oliver** (Tampa, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION)

Master of Urban & Regional Planning, University of California  
Los Angeles (2017)  
BA, French Studies, Smith College (2012)

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

AICP #031838

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

Ali is a planner on the Community Planning and Design Team. Her experience emphasizes community-based planning processes and sustainability, with applications primarily for transportation, land use, urban design, and economic development planning.

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
<b>Mobility/Multimodal Fee Study</b> <i>Martin County, FL</i>	Ongoing	N/A
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>a. Developing study to provide mobility/multimodal fee scenarios to adequately fund capital transportation improvements of multiple modes. Primary tasks include case study research and interviews to develop a set of best practices for fee development and implementation. Reviewing the Comprehensive Plan, Land Development Code, and development review procedures. Based on review, a set of recommendations for each document, plan or process will be made in a Task Report. <b>Role:</b> Planning &amp; Public Involvement Support <b>Cost:</b> \$124,992</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
<b>Underline</b> <i>Miami-Dade County Florida</i>	2019	N/A
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>b. Identified funding options for a 10-mile section of right-of-way located under a fixed-route guideway, known as the Underline. This liner right-of-way contains both recreational and multi-modal assets (e.g., bike and pedestrian path). The project runs through three cities and an unincorporated area of Miami Dade County. Completed analysis that 1.) established legal methods to fund both capital and future operational needs; 2.) provided a national and statewide review of optional funding mechanisms used successfully in the past to fund similar projects; #.) provided revenue projections for each of the optional revenue methods, i.e. tax or assessments; and 4.) documented implementation considerations to adopt each option. <b>Role:</b> Lead Planner /Analysis / Report Writing <b>Cost</b> \$40,000</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
<b>Heights Mobility Study</b> <i>Tampa, FL</i>	Ongoing	N/A
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>c. Conducting public outreach and engagement to develop the vision, mission, and goals for a local commercial corridor, as well as an action plan for short-term safety and mobility improvements. Tasks include coordinating engagement activities at community meetings and events, developing an online outreach survey, and planning and facilitating a public workshop to refine findings. <b>Role:</b> Planning &amp; Public Involvement Support <b>Cost:</b> \$170,000</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
<b>Manatee County Mobility plan</b> <i>Manatee County, FL</i>	Ongoing	N/A
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>d. Tindale Oliver is currently developing a mobility plan for Manatee County, which aims to enhance the existing transportation system and provide opportunities for a more multi-modal environment in the future. Land use and land development code recommendations are included in the study, to reduce urban sprawl and lessen the impact on the existing transportation system. <b>Role:</b> Planning Support <b>Cost:</b> \$214,449</p>		

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
<b>Comprehensive Plan and Land Development Code Update</b> <i>Pinellas Park, FL</i>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i> N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		
e. Updating City's Comprehensive Plan and Land Development Code to include a more holistic approach to redevelopment, economic development, and multimodal transportation. In addition to the restructuring and reimagining of the Comprehensive Plan, the Land Development Code is also being reviewed and refreshed to more closely align the standards with the updated Comprehensive Plan.		
Role: Planning Support    Cost: \$130,000		

☒ 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	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
<b>W.T. Bowman, P.E., RSP 1</b>	Transportation Engineer	17	14

15. FIRM NAME AND LOCATION (City and State)  
**Tindale Oliver (Tampa, FL)**

16. EDUCATION (DEGREE AND SPECIALIZATION)  
BS, Industrial and Systems Engineering,  
Virginia Tech, 2001

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
P.E. #69132, Florida

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

W.T.'s expertise is in the fields of transportation and traffic engineering. He has worked to provide transportation and traffic engineering and consulting services over a wide range of projects, including pedestrian and bicycle facility planning and engineering, ITS/ATMS projects, traffic signal retiming, a variety of design projects such as traffic signal, roadway marking and signing, and traffic operational analysis. He has conducted ITS strategic planning, ATMS design, and applied his expertise in the design and prioritization of pedestrian and bicycle improvements, calculation of roadway and intersection levels of service; traffic signal warrants, traffic signal systemization, sight distances, and queuing; and made recommendations on traffic safety, capacity improvements, and comprehensive plan modifications.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	<b>FDOT District 4 Safety Studies/Road Safety Audits</b> <i>Southeast Florida</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 Conduct safety studies and road safety audits in Broward, Palm Beach, Martin, St. Lucie, and Indian River counties to recommend short-, mid-, and long-term countermeasures and follow-up studies. Preliminary focus has been on pedestrian and bicycle safety issues including several "hot-spot" locations identified by FDOT Central Office. Recommendations include signing, marking, and signalization modifications; upgrades roadside features above and beyond FDOT standards; mid-block crossings and pedestrian signals at locations; relocation of transit stops; deployment of innovative improvements from the State's Innovative Products List (IPL); ATMS upgrades; safety improvement additions to 3R and Work Program projects. <b>Role:</b> Project Engineer <b>Cost:</b> Varies by Task Order		
b.	<b>FDOT District 7 Safety Studies and Minor Design</b> <i>Tampa Bay, Florida</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 Provide a broad range of traffic safety/operations studies and safety program management services. Support safety education and enforcement activities and systemic countermeasures approaches. Prior iterations of this districtwide contract included development of Pedestrian Safety Action Plans for three counties, development of GIS/web-based crash data systems, support and management of the District's off-system safety program, and development of spot and systemic countermeasures to improve transportation safety. As the Consultant Project Manager, manage day-to-day operation, including programming project tasks coordinating and prioritizing with District staff, managing on- and off-site subconsultants, and ensuring schedules, deliverables, and expectations are met. <b>Role:</b> Project Manager/Project Engineer <b>Cost:</b> \$5,000,000		
c.	<b>Tampa Walk-Bike Plan Phases I-IV</b> <i>FDOT District 7, Florida</i>	2010-2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Identify and prioritize cost-feasible bicycle and pedestrian network projects to improve access to Tampa's three major business centers and complete city's overall multimodal network. A primary role was to evaluate trade-offs of various improvement concepts such as right-of-way and utility impacts, potential operational impacts, alternate strategies and corridors, and matching scope of project with the character of the neighborhood or location (i.e., shared lanes vs. bicycle path). <b>Role:</b> Project Manager/Project Engineer <b>Cost:</b> \$240,000		

d.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Fletcher Avenue Complete Street Design</b> <i>Hillsborough County, Florida</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(if applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Fletcher Avenue between US 41 (Nebraska Avenue) and Bruce B. Downs Boulevard near the University of South Florida has among the worst bicycle and pedestrian safety histories in the Tampa Bay region. A key implementation item of the Hillsborough Pedestrian Safety Action Plan was a joint-funded safety project along this corridor. Tindale Oliver's responsibilities included development of mid-block crossing traffic control strategies, determination of proper speed limit setting, evaluation of access management impacts, and minor signal design. <b>Role:</b> Project Manager <b>Cost:</b> \$122,841		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Traffic Signal Retiming</b> <i>Lake County, Florida</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(if applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Served as project manager and project engineer, led a team in development, implementation, and fine-tuning of updated traffic signal timings. Included 50 traffic signals, done under U.S. Department of Energy's Energy Efficiency and Conservation Block Grant (EECBG). Project involved intersections and corridors and with 6 state and US roadways. <b>Role:</b> Project Manager and Project Engineer <b>Cost:</b> \$285,100		

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME  Patrick Dougherty	13. ROLE IN THIS CONTRACT Planning & Public Involvement Support	14. YEARS EXPERIENCE	
		a. TOTAL 5	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State)

**Tindale Oliver (Tampa, Florida)**

16. EDUCATION (DEGREE AND SPECIALIZATION)

Masters of Urban and Regional Planning,  
The University of South Florida (Expected 2016)  
BS, Human Geography/GIS,  
The Pennsylvania State University

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

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

Patrick is a Planner/GIS Analyst with the Community Planning and Design Solutions Area at Tindale Oliver. With a background in human geography, socio-economic analysis, GIS, and spatial analysis, he is experienced in visualizing and analyzing data for a variety of projects. He has experience working in a wide array of community planning, public finance, and multi-modal transportation planning projects.

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
<b>Mobility/Multimodal Fee Study</b> <i>Martin County, FL</i>	Ongoing	N/A
<b>a.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Developing a study to provide mobility/multimodal fee scenarios to adequately fund capital transportation improvements of multiple modes. Primary tasks include case study research and interviews to develop a set of best practices for fee development and implementation. <b>Role:</b> Planning/GIS & Public Involvement Support <b>Cost:</b> \$124,992	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
<b>b.</b> <b>Manatee County Mobility plan</b> <i>Manatee County, FL</i>	Ongoing	N/A
<b>b.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Tindale Oliver is currently developing a mobility plan for Manatee County, which aims to enhance the existing transportation system and provide opportunities for a more multi-modal environment in the future. Land use and land development code recommendations are included in the study, to reduce urban sprawl and lessen the impact on the existing transportation system. <b>Role:</b> Planning/GIS Support <b>Cost:</b> \$214,449	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
<b>c.</b> <b>City of Fort Walton Beach</b> <b>CRA update and plan</b> <b>CTP Economic Development Plan</b> <i>Fort Walton Beach, FL</i>	Ongoing	N/A
<b>c.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The City of Fort Walton Beach retained Tindale Oliver to conduct a finding of necessity to potentially expand the existing Community Redevelopment Area within the City and to update the previous CRA plan. Visual inspections, stakeholder meetings and staff interviews were conducted over a two-year period which resulted in an expanded CRA and fully adopted, updated plan. Additionally, Tindale Oliver was tasked with developing an economic redevelopment plan for the Commerce and Technology Park, which was adopted and proposes capital improvements and land development code modifications. Recommendations provide an environment to enhance existing businesses and land uses while allowing opportunities for future growth and development. <b>Role:</b> Planning/GIS & Public Involvement Support <b>Cost:</b> \$135,494 (for CRA Update) and \$155,340 (for CTP Economic Development Plan)	<input checked="" type="checkbox"/> Check if project performed with current firm	



d.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Neighborhood Planning</b> <i>Port St. Lucie, FL</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015-2018	CONSTRUCTION <i>(if applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Tindale Oliver was retained to develop small area plans for six of the city's neighborhood planning areas. Each planning effort will include assessment of existing assets/challenges, development of consensus vision, and identification of short- and long-term strategies, projects, and initiatives to accomplish the vision. Recommendations will include neighborhood identity/branding, park concepts, and multimodal transportation improvements. Public involvement is broad and inclusive including focus groups, neighborhood presentations, stakeholder interviews, interactive design workshops, and online surveys. <b>Role:</b> Planning/GIS & Public Involvement Support <b>Cost:</b> \$240,000		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Pasco County Long Range Transportation Plan</b> <i>Pasco County, FL</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Tindale Oliver is tasked with developing the 2045 Long Range Transportation Plan for Pasco County Florida. Following federal guidelines and implementing personalized transportation analysis, the roadway network needs and cost feasible plans were created through modeling and cost benefit analysis. Multiple stakeholder and public workshops were held to incorporate local knowledge and to identify top priorities. <b>Role:</b> Planning/GIS & Public Involvement Support <b>Cost:</b> \$394,274		

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Christopher Keller, AICP</b>	13. ROLE IN THIS CONTRACT Safety & Public Involvement Support	14. YEARS EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 12

15. FIRM NAME AND LOCATION (City and State)

**Tindale Oliver (Tampa, Florida)**

16. EDUCATION (DEGREE AND SPECIALIZATION)

BA, Geography, University of South Florida

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

AICP # 025559

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

Chris has knowledge and applied experience in a wide range of urban and transportation planning issues. His expertise includes multimodal transportation planning, complete streets, corridor planning, and traffic safety. In addition to his understanding of various planning issues, Chris possesses a proficiency in GIS applications and database management. His experience and skill set allow him to apply creativity and energy to innovative and unique projects that have helped create multimodal transportation systems that have shaped the communities of today and will impact the communities of tomorrow.

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
<b>FDOT District 7 Heights Mobility Study Phases I &amp; II</b> <i>Hillsborough County, Florida</i>	Ongoing	N/A
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p><b>a.</b> The Heights Mobility Study was initiated to better understand the transportation needs of the Height's communities and address safety and mobility concerns along the Florida Avenue and Tampa Street/Highland Avenue corridor between downtown Tampa and the Hillsborough River. The study is working with the community through an extensive outreach effort to identify immediate safety and mobility improvements while developing a longer-term mobility and implementation plan that reimagines how people move through and about the study corridor. <b>Role:</b> Project Manager <b>Cost:</b> \$191,012</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
<b>FDOT District 7 Bicycle and Pedestrian Access to Transit Safety Studies</b> <i>Hillsborough County, Florida</i>	2013-2018	N/A
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p><b>b.</b> Examination of crash data to identify potential mobility limitations for transit users, including study of intersection locations and corridors throughout FDOT District 7, development of possible countermeasures to improve safety with recommendations related to bus stop siting and design features to operate adjacent to signal controlled crosswalks, adjustments to intersection timing, or updates to signal configuration or phasing to optimize safety, lighting improvements for nighttime crashes, sidewalk connections, ADA compliance related improvements, and crosswalk design alternatives and configuration. <b>Role:</b> Project Manager <b>Cost:</b> \$1,499,397</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
<b>City of Tampa Walk-Bike Plan Phases I-IV &amp; VI</b> <i>City of Tampa, Florida</i>	2010-2018	N/A
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p><b>c.</b> The City of Tampa Walk-Bike Plan was a multi-phased effort to identify and prioritize pedestrian and bicycle improvements throughout the City of Tampa. Phase I focused on identifying and prioritizing cost-feasible pedestrian and bicycle network projects to improve access to the City's three major business centers: Downtown, University, and Westshore. Phase II focused on completing the multimodal network through the southern and central portions of the City. In addition to improvements in the northern portions of the City, Phase III developed a 20-mile urban trail system designed to connect downtown with the riverfront, community parks and greenspace, and other community assets. Phase IV identified pedestrian and bicycle improvements within the City's downtown core. Finally, Phase VI explored opportunities to improve walking and biking throughout the greater West Tampa area. <b>Role:</b> Project Planner (Phases I-IV); Project Manager (Phase VI) <b>Cost:</b> \$335,000 (phases I-IV &amp; phase VI combined)</p>		

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
d.	City of Sarasota Citywide Mobility Plan Sarasota, Florida	2014	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Assist with establishment of mobility districts based on City's existing land use density/diversity and vision and multimodal options by which to vary the City's development review process. Identify feasible bicycle/pedestrian projects to enhance multimodal network and develop city multimodal impact fee as an alternative to countywide roadway-only transportation impact fee. <b>Role:</b> Assistant Project Manager <b>Cost:</b> \$370,458		
e.	Hollywood/Pines Corridor Study Sarasota, Florida	2012-2013	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted inaugural combined livability/congestion management project along 20-mile section of corridor, focused on enhancing quality of life and improving safety and mobility through short- and long-term strategies and improvements for land use, transit, biking, and walking. <b>Role:</b> Assistant Project Manager <b>Cost:</b> \$318,419		

## 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
<b>Mauricio Micolta, P.E.</b>	Transportation Engineer	15	1

15. FIRM NAME AND LOCATION (City and State)

**Tindale Oliver (Fort Lauderdale, Florida)**

16. EDUCATION (DEGREE AND SPECIALIZATION)

Certified Public Manager, Florida State University (2017)  
M.S., Engineering Management and Transportation, Florida International University (2012)  
B.S., Civil Engineering, Pontifical Xavierian University, Colombia (2004)

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Florida P.E. #73046 (2011)

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

Mauricio has 15 years of experience working as a Senior Project Engineer in transportation, including 11 years with Florida DOT Districts 4 and 6 in In-House Design and the Office of Modal Development. His management responsibilities have included contract administration, supervision of design and technical staff, and quality control, and he has in-depth knowledge of Florida DOT Standard Plans, Florida DOT Design Manual, Florida Green Book, Manual on Uniform Traffic Control Devices, AASHTO Policy on Geometric Design of Highways and Streets, Florida DOT's Basis of Estimates, Flexible, and Rigid Pavement Design Manuals, Drainage Manual, and CADD Manual. His background includes all aspects of 2D and 3D roadway design, modeling, and plans production in AutoCAD and MicroStation platforms, from 3Rs to complex reconstructions and limited access projects, drainage improvement, and roadway restoration push-button projects. He has prepared multiple typical section packages, pavement design packages, design variations and exceptions, signing and pavement markings plans, Road Safety Audits, and traffic control plans.  
**Highway Engineer Award, FDOT-2012**

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	<b>FDOT District 6 Districtwide Traffic OPS Pushbutton Design Consultant Continuing Contract</b> <i>Miami, Florida</i>	2018-Ongoing	N/A
	<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Multiple work order project. Engineer of Record and Project Manager of minor roadway design projects, including drainage, pavement design, maintenance of traffic, all highway improvements, minor structures, signalization, signing, pavement marking and lighting. Revising previously completed construction plans, preparing construction documents, and cost estimates for pushbutton and design bid build contracts. <b>Role:</b> Project Manager <b>Cost:</b> \$5,000,000</p>		
b.	<b>FDOT District 6 SR 826/I-95 Widening Improvements</b> <i>Miami, FL, Florida</i>	2018-Ongoing	N/A
	<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm</p> <p>Provided highway design services for reconstruction and widening of southbound lanes of SR 9A (I 95) from SR 916/Opa-Locka Boulevard (MP 10.920) to Biscayne Canal (MP 12.087) to provide connections associated with construction and implementation of southbound express lane connector from SR 91 (Florida's Turnpike) south of Golden Glades interchange to SR 9A/I- 95. Involved in the design and production of typical sections, and the quality control of design variations and exceptions. <b>Role:</b> Senior Project Engineer <b>Cost:</b> Unknown</p>		
c.	<b>SR 76/Kanner Highway</b> <i>Martin County, Florida</i>	2017-2018	N/A
	<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm</p> <p>Provided Major highway design services for a project to add lanes and reconstruct to a six-lane divided highway, guardrail improvements, shared use path, and signalization upgrades; turn lane and bicycle lane improvements. Involved in the design and plans production of cross-sections horizontal and vertical alignment, 3D corridor models and plans production. <b>Role:</b> Senior Project Engineer <b>Cost:</b> \$1,300,000</p>		

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	<b>SR 90/SW 8th Street</b> <i>Miami-Dade County, Florida</i>	2014-2016	N/A
d.	<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm</p> <p>Minor highway design of a safety project along historic corridor in Miami-Dade County, included design of 9 unsignalized mid-block crossings, 1 signalized mid-block crossing, drainage retrofits, sidewalk reconstruction, and ADA improvements at localized areas, signalization, lighting, and ITS improvements, signing &amp; pavement marking, and staging area for the Road Rangers under I-95. Designed project while acted as interim section leader for Design Group 1 in District 6. Developed typical section package and design variations for lateral offsets, guardrail length of need, and turn out radii. Designed temporary traffic control plans and midblock crossings allowing adequate drainage flow while meeting ADA and FDOT requirements in very constrained corridor through ingenuity and few license agreements.</p> <p><b>Role:</b> Project Manager and Project Engineer    <b>Cost:</b> \$364,000</p>		
	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	<b>SR 7/US 441</b> <i>Broward County, Florida</i>	2010-2012	N/A
e.	<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm</p> <p>Major highway design services for a project to add lanes and reconstruct to six-lane divided roadway along SR 7 from SW 25th Street to Fillmore Street; included lighting, ATMS/ITS, signalization, drainage ponds, medians, sidewalk, curb ramps, bus bays, utilities, and signing &amp; pavement marking, as well as resurfacing on Pembroke Road and Washington Street; Hollywood Boulevard intersection required reconstruction and resurfacing. Project was AutoCAD pilot for 3D modeling. Designed and developed driveways, side streets and roadway alignments, profiles, intersection plateauing, 3D models for roadway and drainage ponds, utility pipe networks to identify potential conflicts, cross sections, and earthwork computations. Heavily involved with drainage design, including 3D modeling and modification of drainage structures, cost estimate, and project overall quantities.</p> <p><b>Role:</b> Lead Designer/Project Engineer    <b>Cost:</b> \$2,000,000</p>		



# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Demian Miller, AICP</b>	13. ROLE IN THIS CONTRACT Planner	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM 17

15. FIRM NAME AND LOCATION (City and State)

**Tindale Oliver (Tampa, Florida)**

16. EDUCATION (DEGREE AND SPECIALIZATION)

MA, Urban & Regional Planning, University of Florida  
BA, Political Science, University of Florida

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

AICP # 021871

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

Served as Project Manager or Principal-in-Charge for FDOT District 7 Districtwide Safety Studies since 2006; currently serves as Deputy Project Manager as a sub-consultant for District 7 Complete Streets districtwide contract that focuses on improving multimodal safety and mobility along region's busiest corridors. Since 2011, also served as instructor for FHWA's Pedestrian Focus Cities Program; responsibilities include developing training content, leading "Designing for Pedestrian Safety" workshops, working alongside FHWA experts to conduct Roadway/Pedestrian Safety Audits, and assisting in coordinating FHWA technical support for Florida's six focus cities..

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
<b>FDOT District 4 Safety Studies/Road Safety Audits</b> <i>Southeast Florida</i>	<b>Ongoing</b>	<b>N/A</b>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>a. Conduct safety studies and road safety audits in Broward, Palm Beach, Martin, St. Lucie, and Indian River counties to recommend short-, mid-, and long-term countermeasures and follow-up studies. Preliminary focus has been on pedestrian and bicycle safety issues including several "hot-spot" locations identified by FDOT Central Office. Recommendations include signing, marking, and signalization modifications; upgrades roadside features above and beyond FDOT standards; mid-block crossings and pedestrian signals at locations; relocation of transit stops; deployment of innovative improvements from the State's Innovative Products List (IPL); ATMS upgrades; safety improvement additions to 3R and Work Program projects. <b>Role:</b> Principal-In-Charge <b>Cost:</b> Varies by Task Order</p>		
<b>FDOT District 7 Safety Studies and Minor Design</b> <i>Tampa Bay, Florida</i>	<b>Ongoing</b>	<b>N/A</b>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>b. Provide a broad range of traffic safety/operations studies and safety program management services. Support safety education and enforcement activities and systemic countermeasures approaches. Prior iterations of this districtwide contract included development of Pedestrian Safety Action Plans for three counties, development of GIS/web-based crash data systems, support and management of the District's off-system safety program, and development of spot and systemic countermeasures to improve transportation safety. As the Consultant Project Manager, manage day-to-day operation, including programming project tasks coordinating and prioritizing with District staff, managing on- and off-site subconsultants, and ensuring schedules, deliverables, and expectations are met. <b>Role:</b> Principal-In-Charge <b>Cost:</b> \$5,000,000</p>		
<b>Mobility/Multimodal Fee Study</b> <i>Martin County, FL</i>	<b>Ongoing</b>	<b>N/A</b>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>c. Developing a study to provide mobility/multimodal fee scenarios to adequately fund capital transportation improvements of multiple modes. Primary tasks include case study research and interviews to develop a set of best practices for fee development and implementation. <b>Role:</b> Planner <b>Cost:</b> \$124,992</p>		

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
d.	<b>City of Fort Lauderdale Beach Mobility Study, Phase I</b> <i>Fort Lauderdale, Florida</i>	2017	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The Fort Lauderdale Beach Mobility Study was initiated to evaluate options for enhancing the mobility of all transportation modes to, from and around Fort Lauderdale Beach. The focus of this project was on what options could be done within the existing right-of-way to enhance the pedestrian, bicycle, transit, and vehicular movements as efficiently as possible while recognizing additional vehicular capacity was unlikely. Other issues addressed included the accommodation of TNCs, freight, special events and development impacts on mobility within the area. <b>Role:</b> Principal-In-Charge. <b>Cost:</b> \$145,130		
	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
e.	<b>Tampa Walk Bike Plan, Phases I - IV</b> <i>City of Tampa, Florida</i>	2013–2016	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The City of Tampa Walk-Bike Plan was a three-phase study to identify and prioritize bicycle and pedestrian improvements in Tampa. Phase 1 focused on developing plans to connect neighborhoods and activity centers surrounding Tampa's three primary business centers: Downtown, University, and Westshore. The primary strategy was to identify pedestrian and bicycle mobility improvements that could be readily constructed within existing roadway cross-sections and rights-of-way. These "early win" projects helped build momentum to undertake preliminary engineering and design for several more complex projects. Sample projects included sidewalks, road diets, bike lanes, shared lane arrows, and pedestrian crossing enhancements. Phase 2 focused on creating connectivity among the business centers, establishing "long-haul" east-west and north-south routes, and developing strategies to take advantage of existing freeway, river, and railroad crossings. Phase 2 also took into account the overlap between proposed pedestrian and bicycle facilities and the major transit routes within the city. Phase 3 addressed the remaining suburban portions of the city annexed in the 1980s and developed a conceptual alignment for a 20-mile urban trail to connect central Tampa neighborhoods to one another and to Downtown. Phase 4 focused on mobility in Downtown Tampa. <b>Role:</b> Project Manager <b>Cost:</b> \$240,000		

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (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
<b>FDOT District 4</b> Southeast Florida	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2014–Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT NAME FDOT District 4 Road Safety Audit & Safety Studies Districtwide Contract	b. POINT OF CONTACT NAME Thomas Miller, Safety Specialist	c. POINT OF CONTACT TELEPHONE NUMBER (954) 777-4073
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost.)</i>		

Tindale Oliver has conducted approximately 12 Road Safety Audits for FDOT D4, with a primary focus on pedestrian and bicycle safety and resulting in additional safety recommendations to improve safety for all users of the mobility system. Numerous safety studies also have been conducted at high crash locations, and short- and long-term recommendations have been developed that vary in complexity from signage improvements to intersection reconstruction. Tindale Oliver has been tasked to lead coordination with citizens, jurisdictional entities, and other stakeholders for each assignment. Tindale Oliver also developed a crash data system and an improvement tracking system, which is used to monitor the progress and responses of RSA recommendations.

### Knowledge

- Road Safety Audit processes and procedures.
- Pedestrian/bicycle safety.
- Safety engineering methods.
- Crash data analysis, system development.
- Public outreach.

### Outcomes

- Conduct of Road Safety Audits.
- Development of safety recommendations, short- and long-term.
- Development of crash data and improvements tracking systems.

**Cost:** Varies by Task Order

<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>		
<b>a (1) FIRM NAME</b> Tindale Oliver	<b>(2) FIRM LOCATION</b> <i>(City and State)</i> Fort Lauderdale, FL	<b>Role</b> Prime

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (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
<b>FDOT District 7</b> Tampa Bay, Florida	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2007-Ongoing	CONSTRUCTION (If applicable) N/A
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT NAME Safety Studies and Minor Design	b. POINT OF CONTACT NAME Peter Hsu	c. POINT OF CONTACT TELEPHONE NUMBER (813) 975-6251
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> (Include scope, size, and cost.)		

Tindale Oliver has served as a prime safety consultant to FDOT D7 since 2007. Over that time, our role has grown from developing and maintaining a crash data management system (CDMS), to conducting a vast array of safety studies, to truly serving as a partner in developing and maintaining one of the most comprehensive and innovative 4E safety programs in the state of Florida. The District's safety program involves proactive and reactive responses to safety issues within Tampa Bay, and the Tindale Oliver team support all aspects, providing data-driven engineering analysis in identifying safety solutions (spot and systemic), employs experts in education and law enforcement, and facilitates close coordination with local partner agencies to support on- and off-system safety solutions and programs. Tindale Oliver has partnered with FDOT's safety program for 11+ years in advancing FHWA's vision of "Toward Zero Deaths."

### Knowledge

- Local, state, and federal safety programs and funding mechanisms.
- Thorough understanding of crash data and nuances associated with use.
- Procedures for spot and systemic screening for specific locations or systemic application of countermeasures.

### Insights

- Developed web-based Crash Data Management System to efficiently undertake project identification and analysis.
- In-depth historical understanding of policies and procedures applied by FHWA in advancing safety initiatives.
- Staff that includes school, law enforcement, and federal safety experts (4E approach).

### Outcomes

- Developed off-system safety program to allocate HSIP funds for off-system safety projects.
- Developed web-based geographic information system to screen crash data and identify overlaps in safety projects with other FDOT data (lighting data, permits, previous studies, traffic signal databases, etc.)
- Identified \$100+ million in programmed safety projects.

**Cost:** \$5,000,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
	Tindale Oliver	Tampa, FL
		Role
		Prime

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (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
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<b>Hillsborough County</b> Hillsborough County, Florida	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i> N/A

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT NAME Fletcher Avenue Complete Street Design	b. POINT OF CONTACT NAME Mike Flick, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (813) 307-1870
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost.)*

Fletcher Avenue between US 41 (Nebraska Avenue) and Bruce B. Downs Boulevard near the University of South Florida has among the worst bicycle and pedestrian safety histories in the Tampa Bay region. A key implementation item of the Hillsborough Pedestrian Safety Action Plan was a joint-funded safety project along this corridor.

To help see this important project through, Tindale Oliver served as a sub-consultant to Element Engineering, a local firm with a strong reputation for delivering high-quality LAP design projects on time. Tindale Oliver's responsibilities included development of mid-block crossing traffic control strategies, determination of proper speed limit setting, evaluation of access management impacts, and minor signal design.

**Knowledge**

- Established consistent treatments for mid-block crosswalks along a 5-lane typical section.
- Provided benefit-cost justification for nearly \$1.5 million of FDOT/HSIP funds.

**Insights**

- Few examples of mid-block crosswalks along higher speed/volume arterial streets in Florida.
- Very tight 8-month LAP design schedule.

**Outcomes**

- Coordinated with FHWA to implement Rectangular Rapid Flashing Beacons (RRFB) including overhead elements.
- Applied optional MUTCD criteria to justify a 35 MPH speed limit along the corridor (previously posted at 45 MPH).
- Use of left-turn median separators to reduce driveway crashes near signalized intersections.

**Cost:** \$122,841

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a (1) FIRM NAME Tindale Oliver	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	Role Prime



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (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
FDOT District 7 Tampa, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
23. PROJECT OWNER'S INFORMATION		
a. PROJECT NAME Heights Mobility Study	b. POINT OF CONTACT NAME Bill Riha	c. POINT OF CONTACT TELEPHONE NUMBER (813) 975-6427
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost.)		

The Heights Mobility Study is an effort to improve safety and mobility throughout the greater Seminole Heights and Tampa Heights neighborhoods. While the Study is addressing needs throughout the greater Heights area, the primary focus of the Study is the Florida Avenue and Tampa Street/Highland Avenue corridor between downtown Tampa and the Hillsborough River. The goal of the Study is to identify improvements that provide safe and efficient mobility, complement the character of the surrounding communities, balance local and regional travel needs, and provide enhanced mobility options for all modes and users.

The Heights Mobility Study is being completed in two phases. Phase I of the Study largely focused on community outreach with the goal of developing a community vision and identifying short-term improvements that could be implemented while the Study is being completed. Outreach during this first phase consisted of multiple neighborhood group meetings, community events, pop-up efforts at local businesses, community working group sessions, and workshops. Phase II of the Study is focused on the development and evaluation of transformative alternatives for the corridor that will eventually lead to a constructible project.

Knowledge

- Outreach and coordination with several stakeholders, neighborhood/civic organizations, and maintaining agencies.
- Assessment of existing conditions to identify needs.

Insights

- Balancing safe pedestrian/bicycle mobility with vehicular mobility.
- Understanding of community needs along a rapidly changing corridor.
- Understanding of complete street strategies within a constrained urban environment.

Outcomes

- Developed a Community Vision that will guide the development of alternatives for the corridor.
- Identified short-term safety and mobility improvements that will help address neighborhood needs while additional improvements are being evaluated and programmed.

Cost: \$191,012

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a	(1) FIRM NAME Tindale Oliver	(2) FIRM LOCATION (City and State) Tampa, FL	Role Subconsultant

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (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
<b>Manatee County</b> Manatee County, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT NAME Impact Fee Update and Mobility Plan	b. POINT OF CONTACT NAME John Osborne	c. POINT OF CONTACT TELEPHONE NUMBER (941) 708-7450
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost.)</i>		

Tindale Oliver has been retained by Manatee County to update the County's existing multimodal transportation impact fee along with other fee areas, develop a Mobility Plan and explore the option of converting the multimodal fee into a mobility fee.

Knowledge

- Located on the west coast of Florida, Manatee County has a population of approximately 385,000 within 900 square miles. The County experienced an average annual population growth of 2.7% between 2000 and 2008, which was above the state average. The county population continued to increase even during the economic downturn until about 2015 and reached back to an average annual rate of 2.7% over the past three years.
- The County is developing a mobility plan and fee to provide citizens, staff and the Board with more information on these items. This will result in a more informed decision on whether to transition to mobility fees or stay with the multi-modal transportation impact fee

Insights

- The Board of County Commissioners of Manatee County has also directed its staff to amend the County's land development regulations (e.g., Land Development Code, Comprehensive Plan) and growth-related plans (e.g., capital improvements planning process, utility master plans, parks master plan, etc.). The goal of this ongoing work is to provide a more coordinated, efficient and cost-effective approach to land development and the growth of infrastructure and services for the future
- A comprehensive multimodal plan is necessary to ensure that the overall mobility needs of the community will be met.
- The approach is based around a Systems Engineering Method that begins with (realistic) goal setting and concludes with validation of the Plan's ability to meet the established goals

Outcomes

- Mobility Plan - A comprehensive multimodal plan that ensures that the overall mobility needs of the community will be met while addressing both overall Mobility as well as safety needs within community.
- Mobility Fee - A Mobility fee structure and strategy that compliments revenue needs while being supportive to overall development goals of the County.
- Updated Development Regulations and Concurrency Review Process - A set comprehensive land use and development regulations strategies that assist in efficient land and economic land use patterns to meet the Communities future development goals.

Cost: \$370,000

<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>			
a	<b>(1) FIRM NAME</b> Tindale Oliver	<b>(2) FIRM LOCATION</b> <i>(City and State)</i> Tampa, FL	<b>Role</b> Prime

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (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
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<b>Martin MPO</b> Martin County, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION		
a. PROJECT NAME Martin County Mobility Fee Study	b. POINT OF CONTACT NAME Joy Puerta	c. POINT OF CONTACT TELEPHONE NUMBER (772) 320-3015

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

As the MPO's consultant TO is developing and evaluating alternatives for a countywide Mobility Plan and Fee, and alternative revenues that will adequately fund capital transportation improvements including roadways, sidewalks, bike lanes, greenways and trails, shared use pathways, pedestrian/bicycle bridges and public transit improvements and/or operation costs, and other transportation expenditures. The Mobility Fee is expected to replace the current roadway impact fees and transportation concurrency requirements used by the incorporated and unincorporated areas of the County. Implementation of a countywide mobility fee would be accomplished thru interlocal agreements between the County and all local governments to adopt comprehensive growth management plan amendments and possible zoning code revisions.

### Knowledge

- Tindale Oliver specializes in mobility plans, concurrency review and options, development of mobility Plans and fees and other funding methods and their successful implementation. Regarding Tindale Oliver's qualifications and expertise, and knowledge
- Project team members each have significant experience in developing unique concurrency processes and Mobility Plans, impact/mobility fee programs that align with the City/County's land use and multi-modal policies.
- Tindale Oliver staff have an in-depth knowledge and understanding of existing state legislative requirements regarding growth management and transportation planning processes and procedures

### Insights

- Located in the Treasure Coast region, Martin County has a population of approximately 155,000 within 750 square miles. Between 2000 and 2007, the countywide population growth rate averaged 1.85% per year, which decreased to 0.4% per year during the economic downturn. Over the past four years, the county started to experience a higher growth rate, with an average of 1.16% per year.
- These growth levels suggest a need for additional transportation infrastructure along with an infrastructure that services multi modes. Primary local funds used for transportation in Martin County include fuel taxes, impact fees and ad-valorem taxes (municipal service taxing unit).

### Outcomes

- Tindale Oliver Public Finance staff know how to present information in a manner that is easily understandable to the public, having made more than 600 public presentations on impact fees and their implementation
- The Mobility Fee is expected to replace the current roadway impact fees and transportation concurrency requirements used by the incorporated and unincorporated areas of the County.
- The study will also provide Best Practices that have been implemented throughout the state of Florida with and evaluation of the outcomes of these practices.
- It is anticipated that implementation of a countywide mobility fee would require interlocal agreements between the County and all local governments to adopt comprehensive growth management plan amendments and possible zoning code revisions

**Cost:** \$124,992

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a (1) FIRM NAME Tindale Oliver	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	Role Prime

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (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
<b>City of Tampa &amp; Hillsborough County MPO</b> Hillsborough County, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2010–2016	CONSTRUCTION <i>(If applicable)</i> 2013, 2016

<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT NAME Tampa Walk/Bike Plan Phases I-IV	b. POINT OF CONTACT NAME Michelle Ogilve, Hillsborough Co. MPO (Phases I-III)  Milton Martinez, P.E., City of Tampa (Phase IV)	c. POINT OF CONTACT TELEPHONE NUMBER (813) 272-5940  (813) 274-8998

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

The City of Tampa Walk-Bike Plan was a multi-phase effort to identify and prioritize pedestrian and bicycle improvements throughout the City of Tampa. Phase I focused on identifying pedestrian and bicycle mobility improvements that could be readily constructed within existing roadway cross-sections and right-of-way surrounding the City's three primary business centers: Downtown, University, and Westshore. These "early win" projects helped build momentum to undertake preliminary engineering and design for several more complex projects. Phase II focused on further enhancing the connections to the business centers while identifying pedestrian and bicycle improvements throughout the neighborhoods of central and south Tampa. Sample projects include sidewalk improvements, bike lanes, shared lane arrows, road diets, and crossing enhancements. Phase III identified on-street and trail connections in the neighborhoods of north Tampa and developed an alignment for a 20-mile urban trail, known as the Green Artery, to connect downtown and the neighborhoods of central and east Tampa. Phase IV was completed in coordination with the City's Multimodal Transportation Impact Fee Study and focused on identifying pedestrian and bicycle improvements in the City's downtown area. Sample projects from Phase IV include protected bike lanes, intersection bulb-outs, and road-diet/complete street projects.

### Knowledge

- Assessment/Inventory of existing pedestrian/bike facilities.
- Coordination and planning efforts with stakeholders, including civic organizations and key downtown stakeholders.
- City programming and construction of identified projects.

### Insights

- Constraints of right-of-way in urban settings throughout the City, including the highly urbanized downtown area.
- Balancing safe pedestrian/bicycle mobility with vehicular mobility.
- Understanding of funding constraints and ease of implementation.

### Outcomes

- Developed long list and "early win" projects for City planning.
- Developed strategies to focus City, MPO, and FDOT resources to pragmatically complete City's pedestrian and bicycle network.
- Developed prioritized list of improvements to assist with implementation of recommendations.

**Cost:** \$240,000

<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>		
a	<b>(1) FIRM NAME</b> Tindale Oliver	<b>(2) FIRM LOCATION</b> <i>(City and State)</i> Tampa, FL
		<b>Role</b> 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 project participation same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
W.T. Bowman, P.E.	Safety Support	X	X	X	X						
Chris Keller, AICP	Safety and Public Involvement Support		X	X	X	X	X	X			
Mauricio Micolta, P.E.	Safety Support	X									
Demian Miller, AICP	Safety Support	X	X	X	X	X	X	X			
Ali Ankudowich, AICP	Planning Support					X	X	X			
Patrick Dougherty	Planning Support					X	X	X			

**29. EXAMPLE PROJECT KEY**

No.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	No.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	FDOT District 4 Road Safety Audit & Safety Studies Districtwide Contract	6	Manatee County Impact Fee Update and Mobility Plan
2	FDOT District 7 Safety Studies and Minor Design	7	FDOT District 7 Heights Mobility Study
3	Tampa Walk/Bike Plan Phases I-IV		
4	Fletcher Avenue Complete Street Design		
5	Martin County MPO Mobility Fee Study		



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**H. ADDITIONAL INFORMATION**

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

Founded in 1989 and established as an S-Corporation in the State of Florida, Tindale Oliver has developed a reputation as a leader in providing quality, innovative planning and engineering services to its public and private sector clients. Tindale Oliver was created to provide innovative financing programs, comprehensive planning, and infrastructure planning services to local government entities.

The principals of Tindale Oliver have invested more than 80 years of their professional careers working for city, county, and state agencies. This experience affords them a real-life understanding of issues government officials face in comprehensive planning, infrastructure planning, and innovative infrastructure financing alternatives, and, more importantly, how to implement selected alternatives.

Our firm's major business activities involve the following primary solution areas:

- > Transportation
- > Transit
- > Community Planning & Design
- > Public Finance

We have grown from a firm of 3 employees in 1989 to a total staff of 100+full and part-time employees in 2019, with staff certifications including professional engineers, certified planners, LEED and GIS professionals, and accessibility inspectors, among others, as well as numerous planners, economists, and GIS analysts. Tindale Oliver has primary offices in Florida (Tampa, Fort Lauderdale), and Maryland (Baltimore), in addition to staff in Miami, Jacksonville, Bartow (FL), and Seattle (WA). Our firm has supported clients in 17 states, the District of Columbia, and Puerto Rico.

Understanding and respecting our clients' needs to deliver the right solutions is what drives Tindale Oliver in each engagement. The opportunity to create and deliver positive outcomes is how we define success—for both the client and the people of our company.

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**I. AUTHORIZED REPRESENTATIVE**  
The foregoing is a statement of facts.

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31. SIGNATURE



32. DATE

December 15, 2019

33. NAME AND TITLE

William L. Ball, AICP, Chief Operating Officer

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## 1. SOLICITATION NUMBER (If any)

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

2a. FIRM (OR BRANCH OFFICE) NAME Tindale-Oliver & Associates, Inc., dba Tindale Oliver			3. YEAR ESTABLISHED 1989	4. DUNS NUMBER 079771318
2b. STREET 6301 NW 5 <sup>th</sup> Way, Suite 2700			5. OWNERSHIP a. TYPE Corporation	
2c. CITY Fort Lauderdale	2d. STATE FL	2e. ZIP CODE 33309	b. SMALL BUSINESS STATUS	
6a. POINT OF CONTACT NAME AND TITLE W.T. Bowman, P.E., SE Regional Manager, Director of Transportation Engineering & Safety			7. NAME OF FIRM (If block 2a is a branch office)	
6b. TELEPHONE NUMBER (954) 641-5680	6c. E-MAIL ADDRESS wbowman@tindaleoliver.com			
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		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	20		E08	Engineering Economics	2
08	CADD Technician	1	0	G04	Geographic Information System Services: Development, Analysis, and Data Collection	2
14	Computer Programmer	1	0	G06	Graphic Design	2
20	Economist	2	0	L06	Lighting (Streets)	2
29	Geographic Information System Specialist	1	0	P05	Planning (Community, Regional, Areawide and State)	6
47	Planner; Urban/Regional	37	3	S01	Safety Engineering	6
58	Technician/Analyst	28	3	T03	Traffic and Transportation Engineering	6
60	Transportation Engineer	10	7			
<b>Total</b>		100	13			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	8	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	8	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 December 15, 2019
c. NAME AND TITLE William L. Ball, AICP, Principal/Chief Operating Officer	

# ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)


## PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME Tindale-Oliver & Associates, Inc., dba Tindale Oliver			3. YEAR ESTABLISHED 1989	4. DUNS NUMBER 605485317
2b. STREET 1000 N. Ashley Drive, Suite 400			5. OWNERSHIP a. TYPE Corporation	
2c. CITY Tampa	2d. STATE FL	2e. ZIP CODE 33602	b. SMALL BUSINESS STATUS	
6a. POINT OF CONTACT NAME AND TITLE William L. Ball, AICP, Principal/Chief Operating Officer			7. NAME OF FIRM (If block 2a is a branch office)	
6b. TELEPHONE NUMBER (813) 224-8862		6c. E-MAIL ADDRESS BBall@tindaleoliver.com		
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		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	20	18	E08	Engineering Economics	2
08	CADD Technician	1	1	G04	Geographic Information System Services: Development, Analysis, and Data Collection	2
14	Computer Programmer	1	1	G06	Graphic Design	2
20	Economist	2	2	L06	Lighting (Streets)	2
29	Geographic Information System Specialist	1	1	P05	Planning (Community, Regional, Areawide and State)	5
47	Planner: Urban/Regional	40	22	S01	Safety Engineering	3
58	Technician/Analyst	28	5	T03	Traffic and Transportation Engineering	5
60	Transportation Engineer	10	7			
Total		100	57			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	8	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	8	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 December 15, 2019
c. NAME AND TITLE William L. Ball, AICP, Principal/Chief Operating Officer	

# Florida Atlantic University

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT***(Complete one Section E for each key person.)*

12. NAME Eric Dumbaugh, Ph.D	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE a. TOTAL 20      b. WITH CURRENT FIRM 7	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Florida Atlantic University, Boca Raton, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Ph.D. / Civil and Environmental Engineering Master of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Dr. Dumbaugh is an internationally-recognized leader in street design and road safety, conducting work for groups such as the United Nations, the World Health Organization, the WRI Ross Center for Sustainable Cities, and the Institute of Transportation Engineers. He is the author of more than 50 scholarly works, receiving awards from the American Planning Association and the National Academies of Science. His scholarly and professional work is focused on the creation of safe and livable urban streets, including professional services on street design for cities such as Atlanta, New York, New Orleans, and San Antonio, among others.			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Associate Director, Collaborative Sciences Center for Road Safety, Boca Raton, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing      CONSTRUCTION <i>(If applicable)</i>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Associate Director of a national research center, supported by a \$15 million grant from the United States Department of Transportation, focused on integrating systems science principles into traffic safety and street design practice.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Academic Expert, United Nations/World Health Organization	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing      CONSTRUCTION <i>(If applicable)</i>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Responsible for the development and review of the UN/WHO's Decade of Action for Road Safety program, a global effort aimed at the reduction of traffic-related deaths and injuries.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Consultant, Institute for Transportation Engineers, Washington DC	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016      CONSTRUCTION <i>(If applicable)</i>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Served as a consultant to the development of the street design manual entitled <i>Integrating Context-Sensitive Design on Multimodal Thoroughfares</i> , published in 2017.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Expert Advisor, WRI Ross Center for Sustainable Cities, Washington DC	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2014      CONSTRUCTION <i>(If applicable)</i> N/A	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Expert Advisor to the WRI Ross Center's Urban Development and Road Safety program, with responsibility for the development of policy and design recommendations for integrating traffic safety considerations into the land development policies of developing countries.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Expert Advisor, New York City Department of Transportation	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016      CONSTRUCTION <i>(If applicable)</i>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Provided technical guidance on the development of the Gowanus Greenway, a protected bicycle path in Brooklyn that travels through a freight-intensive corridor. Responsible for moderating discussions between representatives from the freight and bicyclist communities, and developing recommendations for balancing the competing needs of these modes in project design.	<input checked="" type="checkbox"/> Check if project performed with current firm	



# Stoner & Associates, Inc.

# ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER

### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

James D. Stoner, PSM, President

5. NAME OF FIRM

Stoner & Associates, Inc.

6. TELEPHONE NUMBER

(954)585-0997

7. FAX NUMBER

(954)585-3927

8. E-MAIL ADDRESS

Jstoner@stonersurveyors.com

### C. PROPOSED TEAM

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

	(Check)						
	PRIME	J-V	PARTNER	SUBCON-TRACTOR	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
a.	✓				Stoner & Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	4341 S.W. 62nd Avenue Davie, FL 33314	Prime Contractor Land Surveying
b.					<input type="checkbox"/> CHECK IF BRANCH OFFICE		
c.					<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.					<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.					<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.					<input type="checkbox"/> CHECK IF BRANCH OFFICE		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☐ (Attached)

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 330 (REV. 8/2016)

**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	
James D. Stoner, PSM	Principal	a. TOTAL 40 years	b. WITH CURRENT FIRM 29 years
15. FIRM NAME AND LOCATION <i>(City and State)</i> Stoner & Associates, Inc. Davie, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> Associates of Science in Land Surveying		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> State of Florida Professional Surveyor and Mapper License No. LS4039	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Florida Surveying and Mapping Society American Congress on Surveying and Mapping Leadership Broward			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
City of Sunrise Corporate Limits		2016	N/A
a.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepare city limits map based on the legal description and plot the corporate limits (11,593 acres) on aerial maps. \$2,000.00		
City of Plantation Fire Station No. 5		2016	N/A
b.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepare a Boundary, Topographic, and Tree Survey of the existing fire station situated on a 1.22 acre parcel located at 901 North Pine Island Road. \$5,240.00		
Town of Davie Linear Park		2016	N/A
c.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepare a Topographic and Tree Survey of the 8-mile long linear park located between the North bank of the South New River Canal and the South edge of pavement of Orange Drive. \$21,100.00		
Town of Davie Governor Leroy Collins Park		2017	N/A
d.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepare a Boundary, Topographic, and Tree Survey of the proposed 85-acre park site. \$32,740.00		
City of Cooper City Pool and Tennis Center		2016	N/A
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepare a Topographic and Tree Survey of the recreation center containing buildings, pool, pool decks, and tennis courts. \$5,370.00		

**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	
Richard G. Crawford, Jr., PSM	Professional Land Surveyor	a. TOTAL 25 years	b. WITH CURRENT FIRM 23 years
15. FIRM NAME AND LOCATION <i>(City and State)</i> Stoner & Associates, Inc. Davie, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> Associates of Science in Land Surveying		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> State of Florida Professional Surveyor and Mapper License No. LS5371	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Florida Surveying and Mapping Society American Congress on Surveying and Mapping Leadership Broward			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
City of Sunrise Corporate Limits		2016	N/A
a.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Prepare city limits map based on the legal description and plot the corporate limits (11,593 acres) on aerial maps. \$2,000.00		
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
City of Plantation Fire Station No. 5		2016	N/A
b.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Prepare a Boundary, Topographic, and Tree Survey of the existing fire station situated on a 1.22 acre parcel located at 901 North Pine Island Road. \$5,240.00		
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Town of Davie Linear Park		2016	N/A
c.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Prepare a Topographic and Tree Survey of the 8-mile long linear park located between the North bank of the South New River Canal and the South edge of pavement of Orange Drive. \$21,100.00		
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Town of Davie Governor Leroy Collins Park		2017	N/A
d.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Prepare a Boundary, Topographic, and Tree Survey of the proposed 85-acre park site. \$32,740.00		
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
City of Cooper City Pool and Tennis Center		2016	N/A
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Prepare a Topographic and Tree Survey of the recreation center containing buildings, pool, pool decks, and tennis courts. \$5,370.00		

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>1</b>				
21. TITLE AND LOCATION <i>(City and State)</i> Corporate Limits City of Sunrise, Florida	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td>2016</td> <td>N/A</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2016	N/A
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2016	N/A					

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER City of Sunrise	b. POINT OF CONTACT NAME Alfredo Montano	c. POINT OF CONTACT TELEPHONE NUMBER (954)888-6037
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

Prepare city limits map based on the legal description and plot the corporate limits (11,593 Acres) on aerial maps.

\$2000

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

a.	(1) FIRM NAME Stoner & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Davie, Florida	(3) ROLE Prime Contractor Land Surveying
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>2</b>
21. TITLE AND LOCATION <i>(City and State)</i> Fire Station No. 5 City of Plantation, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> N/A

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER City of Plantation	b. POINT OF CONTACT NAME Brett Butler	c. POINT OF CONTACT TELEPHONE NUMBER (954)797-2282
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

Prepare boundary, topographic and tree survey of existing fire station situate on 1.22 acres parcel located at 901 N. Pine Island Road and containing 1.22 acres.

\$5240

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

a.	(1) FIRM NAME Stoner & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Davie, Florida	(3) ROLE Prime Contractor Land Surveying
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>3</b>
21. TITLE AND LOCATION <i>(City and State)</i> Linear Park Town of Davie, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> N/A

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Town of Davie	b. POINT OF CONTACT NAME Emilio DeSimone	c. POINT OF CONTACT TELEPHONE NUMBER (954)797-1085
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

Prepare topographic and tree survey of the 8-mile long linear park located between the N. Bank of the S. New River Canal and the S. edge of pavement of Orange Drive.

\$21,100

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

a.	(1) FIRM NAME Stoner & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Davie, Florida	(3) ROLE Prime Contractor Land Surveying
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>4</b>				
21. TITLE AND LOCATION <i>(City and State)</i> <b>Governor Leroy Collins Park</b> <b>Town of Davie, Florida</b>		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td>2016</td> <td>N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2016	N/A
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2016	N/A					

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Town of Davie	Emilio DeSimone	(954)797-1085

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

Prepare boundary, topographic and tree survey of the proposed 85-acre acre park site. 2017

\$32,740

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

a.	(1) FIRM NAME Stoner & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Davie, Florida	(3) ROLE Prime Contractor Land Surveying
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>5</b>				
21. TITLE AND LOCATION <i>(City and State)</i> City of Cooper City Pool and Tennis Center City of Cooper City, Florida		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td>2016</td> <td>N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2016	N/A
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2016	N/A					

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>City of Cooper City</b>	b. POINT OF CONTACT NAME <b>Denise Yoezle</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(954)434-2300 ext. 306</b>
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

Prepare a Topographic and Tree Survey of the recreation center containing buildings, pool, pool decks, and tennis courts.  
 \$5,370.00

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

a.	(1) FIRM NAME <b>Stoner &amp; Associates, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Davie, Florida</b>	(3) ROLE <b>Prime Contractor Land Surveying</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

[illegible]

## 29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>	NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>
1	City of Sunrise Corporate Limits	6	
2	City of Plantation Fire Station No. 5	7	
3	Town of Davie Linear Park	8	
4	Town of Davie Governor Leroy Collins Park	9	
5	City of Cooper City Pool and Tennis Center	10	



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## H. ADDITIONAL INFORMATION

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

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## I. AUTHORIZED REPRESENTATIVE

*The foregoing is a statement of facts.*

31. SIGNATURE

32. DATE

03/08/2017

33. NAME AND TITLE

James D. Stoner, PSM, President

**STANDARD FORM 330 (REV. 8/2016) PAGE 5**

1. SOLICITATION NUMBER (If any)

12357-206

## PART II - GENERAL QUALIFICATIONS

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


2a. FIRM (or Branch Office) NAME <b>Stoner &amp; Associates, Inc.</b>			3. YEAR ESTABLISHED <b>1988</b>		4. UNIQUE ENTITY IDENTIFIER <b>195500624</b>	
2b. STREET <b>4341 S.W. 62nd Avenue</b>			5. OWNERSHIP			
2c. CITY <b>Davie</b>			2d. STATE <b>FL</b>		2e. ZIP CODE <b>33314</b>	
6a. POINT OF CONTACT NAME AND TITLE <b>James D. Stoner, PSM, President</b>			a. TYPE <b>S-Corporation</b>			
			b. SMALL BUSINESS STATUS <b>541370</b>			
6b. TELEPHONE NUMBER <b>(954)585-0997</b>			6c. E-MAIL ADDRESS <b>Jstoner@stonersurveyors.com</b>		7. NAME OF FIRM (If Block 2a is a Branch Office) <b>N/A</b>	
8a. FORMER FIRM NAME(S) (If any) <b>N/A</b>			8b. YEAR ESTABLISHED		8c. UNIQUE ENTITY IDENTIFIER	

[illegible]

<b>11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS</b> <i>(Insert revenue index number shown at right)</i>		<b>PROFESSIONAL SERVICES REVENUE INDEX NUMBER</b>	
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	5	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	5	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
	03/08/2017
c. NAME AND TITLE	
James D. Stoner, PSM, President	

# Delta G Consulting Engineers, Inc.

**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
15. FIRM NAME AND LOCATION (City and State)			
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)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		

**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

21. TITLE AND LOCATION *(City and State)*

Tradewinds Park  
3600 W. Sample Road  
Coconut Creek, FL 33066

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2005

CONSTRUCTION *(If applicable)*

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Coconut Creek

b. POINT OF CONTACT NAME

c. POINT OF CONTACT TELEPHONE NUMBER

954-385-2000

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

Services included detailed construction documents for electrical, mechanical and plumbing systems with specifications and coordination with regulatory agencies and building departments for permit.

This is a LEED Certified project, we provided all the information needed for our credits.



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

a.	(1) FIRM NAME Delta G Consulting Engineering	(2) FIRM LOCATION <i>(City and State)</i> 707 NE 3 <sup>rd</sup> Ave Ft. Lauderdale, Fl 33304	(3) ROLE M/E/P Engineering Design
b.	(1) FIRM NAME		(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

GAM #20-0402

Exhibit 5

85 of 126



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <div style="font-size: 24pt; margin-top: 10px;">3</div>
21. TITLE AND LOCATION <i>(City and State)</i> Weston Regional Sports Park 20200 Saddle Club Road Weston, FL 33327	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 1998	CONSTRUCTION <i>(If applicable)</i> 2001
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Weston	b. POINT OF CONTACT NAME Manny Synalovski (Architect)	c. POINT OF CONTACT TELEPHONE NUMBER (954) 961-6806
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Delta G was responsible for the M/E/P Design of this park which includes 8 soccer fields, 8 baseball fields, 4 outdoors hockey field's, basketball and volley ball courts, walking trails and complete site infrastructure.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Delta G Consulting Engineering	(2) FIRM LOCATION <i>(City and State)</i> 707 NE 3 <sup>rd</sup> Ave Ft. Lauderdale, FL 33304	(3) ROLE M/E/P Engineering Design
b.	(1) FIRM NAME Cubellis/Ft. Lauderdale	(2) FIRM LOCATION <i>(City and State)</i> 1800 Eller Drive Ft. Lauderdale, FL 33316	(3) ROLE Construction
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

[illegible]

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Weston Regional Sport Park	6	
2	Tradewinds Park Admin. Building	7	
3		8	
4		9	
5		10	

## H. ADDITIONAL INFORMATION

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

Delta G Consulting Engineers, Inc. was founded in 1992. We are registered with the USGBC. We are a full service consulting engineering firm dedicated to providing our clients with the highest quality Electrical, HVAC, Plumbing and Fire Protection engineering services at a competitive cost.

Delta G office has a total of 23 engineers and support staff; including four Registered Professional Engineers, two C.I.P.E.'s, nine LEED Accredited Professional and 17 designer/engineers. We have average of 16 years of experience per engineer.

We are experienced in low-rise, mid-rise and high-rise residential building design, fire stations, airports, K-12, libraries, municipal, health care, retail, hotels, large and single family custom homes design. The Delta G is centrally located in South Florida, and serves clients mostly in Miami-Dade, Monroe, Broward and Palm Beach Counties. We also licensed in 9 other states. Possessing a firm understanding of large-scale projects, Delta G's professionals bring to the design team strong relationships with major institutional clients and an in-depth knowledge of the market. Clients trust us to conduct research, present options, and deliver thorough, accurate, timely documents.

We possess excellent engineering, project management and leadership skills which allow us to enhance our accountability to our clients.

Our CAD facilities are state of the art 3.2 GHz Dual Core Pentium workstations with 8 GB Ram and 39" viewable monitors fully networked. We are currently operating with AutoCAD Release 2014 and Revit 2014, 2015, and 2016.

### I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

33. NAME AND TITLE

6-26-18



# ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

12357-206

## PART II - GENERAL QUALIFICATIONS

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


2a. FIRM (OR BRANCH OFFICE) NAME Delta G Consulting Engineering, Inc.			3. YEAR ESTABLISHED 1992	4. DUNS NUMBER 842088205
2b. STREET 707 N.E. 3rd Avenue. Suite 200			5. OWNERSHIP	
2c. CITY Ft. Lauderdale	2d. STATE FL	2e. ZIP CODE 33304	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE George SanJuan, President			b. SMALL BUSINESS STATUS CBE exp 02/15/18	
6b. TELEPHONE NUMBER (954) 527-1112			7. NAME OF FIRM (If block 2a is a branch office)	
6c. E-MAIL ADDRESS GSanJuan@Deltag.net				
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		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
02	Administrative	(1) FIRM	(2) BRANCH	6	Airports: Terminals & Hangers; Freight Handling	3
08	Draftsman	2	3			
21	Electrical Engineers	8		10	Commercial Building	3
42	Mechanical Engineers	7		1	Garages; Vehicle Maint. Facilities; Parking Decks	1
	Mechanical Plumbing	3		7	Highways; Street; Airfield Paving; Parking Lots	1
25	Fire Sprinkler/Plumbing	1		9	Hospital & Med. Facilities	4
				11	Housing (Residential Multi Family; Apartments; Condos	3
				1	Judicial & Courtroom Facilities	2
				4	Libraries; Museums; Galleries	3
	Other Employees				Water Supply; Treatment	1
Total		24		3		

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	3	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	5	2. \$100,00 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 6.26.18
c. NAME AND TITLE George SanJuan, President	

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 330 (6/2004) PAGE 6

# Nutting Engineers of Florida, Inc.



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT***(Complete one Section E for each key person.)*

12. NAME Richard C. Wohlfarth, P.E.	13. ROLE IN THIS CONTRACT Dir. of Engineering/ Principal-In-Charge	14. YEARS EXPERIENCE	
		a. TOTAL 33	b. WITH CURRENT FIRM 28
15. FIRM NAME AND LOCATION <i>(City and State)</i> Nutting Engineers of Florida, Inc., Boynton Beach, Florida			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> University of Florida - B.S. Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida Professional Engineer #50858 Registered Building Inspector BN #3580 SBCCI #6528 ACI Level 1, UBCI	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Florida Engineering Society- Past Chapter President, National Society of Professional Engineers, Treasure Coast Builders Association, American Red Cross First Aid & CPR Certification			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i> City of Ft. Lauderdale, Various Projects	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provide geotechnical engineering services for various project including but not limited to: NE 21st Avenue and NE 24th Terrace storm water improvement project, SW 2nd Avenue Parking, Force main replacement project along NE 19th Street from NE 22nd Avenue to Bayview Drive across the Middle River, Force main improvement project along SE 19th Place and SE 23rd Avenue, Phase I and II.		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Coral Springs, Various Projects	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provide geotechnical engineering, construction materials testing and inspection services on many projects including multiple lift stations, NW 110th Avenue water main replacement, Sample Road waste and force main replacement, W. and E. booster station rehab, Forest Hill Boulevard sidewalk lighting, rehabilitation of Mullins water booster station, Westside municipal site, waste transfer station, multiple wellhead replacements, emergency water services interconnect upgrade.		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Miramar, Various Projects	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provide geotechnical engineering, construction materials testing and inspection services per a qualification based continuing service contract. Projects include the City of Miramar Overflow Parking Facility, Fire Station #107, Police Department, East Miramar fire hydrant and line improvements, Old City Hall site, Ansin Sports Complex, Miramar Multi-Service Center, numerous parks and infrastructure improvement projects.		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Hollywood, Various Projects	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lift stations, roadway improvements, drainage improvements, water main replacements, water treatment plants and building construction throughout Hollywood including the Young Circle parking and traffic improvement project, Garfield Street Parking Garage, Charnow Park, Dowdy Field, Rotary Park Improvements, Raw Water Piping Floridan, Water Main Replacement Program, Hollywood WWTP.		
(1) TITLE AND LOCATION <i>(City and State)</i> Broward County, (Qualification Based Contract), Multiple Depts. inc. Public Works, Building, Parks & Rec., Aviation, Fire Rescue, Roadway	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing since '87	CONSTRUCTION <i>(If applicable)</i> ongoing
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provide geotechnical engineering, site and building pad preparation monitoring, construction materials testing, special/threshold inspection services. Projects under this contract include West Regional Library and Parking Garage, EDP Laboratory, Pembroke Park Fire Stations #17 and #27, multiple roadway improvements, Aviation Dept. (several new bldgs., new terminal building and apron, a 1.3M SF 7-story short term parking structure, fuel line relocations, roadways and bridges).		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT***(Complete one Section E for each key person.)*

12. NAME Christopher E. Gworek, P.E.	13. ROLE IN THIS CONTRACT Senior Project Engineer	14. YEARS EXPERIENCE a. TOTAL 19      b. WITH CURRENT FIRM 17	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Nutting Engineers of Florida, Inc., Boynton Beach, Florida			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Clarkson University-Potsdam, NY M.S. Engineering Wastewater Treatment & Pollution Control B.S. Civil Environmental Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida Professional Engineer (PE) #69947 Engineering Intern (EI) ACI Concrete Field Testing Level I	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> 2014 Engineer of the Year for the Palm Beach Chapter of the Florida Engineering Society, American Red Cross First Aid & CPR Certification			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i> City of Lauderhill, Various Projects	(2) YEAR COMPLETED PROFESSIONAL SERVICES ongoing      CONSTRUCTION <i>(If applicable)</i> ongoing	
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provide geotechnical engineering, construction material testing and/or special/threshold inspection services for various project including but not limited to: Lauderhill fire station #30, Veterans Park, St. George Park, Lauderhill fire station #20 new proposed fire tower, the 33,000 SF Performing Arts Center and adjacent 11,000 SF Library, the 40,000 Municipal Building, and design and construction of a new three-bay fire station #110.		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Coral Springs, Various Projects	(2) YEAR COMPLETED PROFESSIONAL SERVICES ongoing      CONSTRUCTION <i>(If applicable)</i> ongoing	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provide geotechnical engineering, construction materials testing and inspection services on many projects including multiple lift stations, NW 110th Avenue water main replacement, Sample Road waste and force main replacement, W. and E. booster station rehab, Forest Hill Boulevard sidewalk lighting (2015), rehabilitation of Mullins water booster station, Westside municipal site, waste transfer station, multiple wellhead replacements, emergency water services interconnect upgrade.		
(1) TITLE AND LOCATION <i>(City and State)</i> Broward County, (Qualification Based Contract), Multiple Depts. inc. Public Works, Building, Parks & Rec., Aviation, Fire Rescue, Roadway	(2) YEAR COMPLETED PROFESSIONAL SERVICES ongoing      CONSTRUCTION <i>(If applicable)</i> ongoing	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Phase I/II environmental assessments, geotechnical engineering, site and building pad preparation monitoring, construction materials testing, special/threshold inspection services. Projects under this contract include West Regional Library and Parking Garage, EDP Laboratory, Pembroke Park Fire Stations #17 and #27, multiple roadway improvements, Aviation Dept. (several new bldgs., new terminal building and apron, a 1.3M SF 7-story short term parking structure, fuel line relocations, roadways and bridges).		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Coconut Creek, Various Projects	(2) YEAR COMPLETED PROFESSIONAL SERVICES ongoing      CONSTRUCTION <i>(If applicable)</i> ongoing	
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provide geotechnical engineering and construction materials testing services for various project throughout the City including storm drain improvements, water mains, various roadway projects, crosswalk repairs, NW 76th Place bridge, C-5 Canal widening, Lyons Road median enhancement, Hosfort Park, Sable Pines Park ballfield improvements, County turn around, Lyons Gate, and NW 39th Street reclaimed water station.		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Pembroke Pines, Various Projects	(2) YEAR COMPLETED PROFESSIONAL SERVICES ongoing      CONSTRUCTION <i>(If applicable)</i> ongoing	
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provide geotechnical engineering services for the City and/or City-hired consultants. Projects include but are not limited to US27 Water Main Installation from Griffin Road to Stirling Road & US 27, Pines Village Water Main Replacement, Pembroke Road Extension Project from SW 196th Avenue west to SW 208th Avenue, Pembroke Pines FPL Easement Parking Lot Expansion, Pembroke Lakes Golf Course, CB Smith Park - Paradise Cove Water Park.		

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION <i>(City and State)</i> City of Fort Lauderdale (Via Consultants), Various Projects		22. YEAR COMPLETED PROFESSIONAL SERVICES ongoing
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER City of Fort Lauderdale c/o Chen	b. POINT OF CONTACT Mr. Daniel Davila P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 954-730-0707

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Nutting Engineers of Florida, Inc. (NE) has been providing geotechnical exploration/engineering services for various projects for the City of Fort Lauderdale via Chen Moore & Associates.

**Proposed Storm Water Improvements, 2019**

Performed geotechnical exploration/engineering services for the NE 21st Avenue and NE 24th Terrace storm water improvement project to control neighborhood flooding during heavy rains

**SW 2nd Avenue Parking, 2018**

Performed geotechnical exploration/engineering services for the proposed conversion of the two median island strips along SW 2nd Avenue between SW 30th Street to SW 32nd Street into parking lot areas

**Proposed Force Main Replacement, 2018**

Performed geotechnical exploration/engineering services for the proposed installation of ~1,800 linear feet of new 16-inch diameter force main pipeline along NE 19th Street from NE 22nd Avenue to Bayview Drive Across the Middle River

**Proposed 18-inch Force Main Replacement, 2018**

Performed geotechnical exploration/engineering services for the 18-inch force main Replacement along Bayshore Drive, Middle River Drive and NE 9th Street Sue East Across Intracoastal Waterway to North Birch Street

**Proposed Force Main Improvements, 2018**

Performed geotechnical exploration/engineering services for P12413-FLL FM up size from PD D-36 to D-35 along SE 19th Place and SE 23rd Avenue, Phase I and II. ~2,000 linear feet of new 12-inch diameter pipe lines will be installed to replace the existing 8-inch diameter pipe lines

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Nutting Engineers of Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Boynton Beach, Florida
		(3) ROLE Geotechnical Engineering Services- full scope of services
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION <i>(City and State)</i> City of Lauderdale, Florida, Qualification Based Continuing Contract - Various Projects		22. YEAR COMPLETED PROFESSIONAL SERVICES: Since 1972 CONSTRUCTION <i>(If applicable)</i> : ongoing
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER City of Lauderdale	b. POINT OF CONTACT Mr. Martin Cala/ Ms. Joan Fletcher	c. POINT OF CONTACT TELEPHONE NUMBER 954-654-4293/ 954-730-4204
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT		

Nutting Engineers of Florida, Inc. (NE) has been providing geotechnical exploration/engineering, construction materials testing and special/threshold inspection services various projects for the City of Lauderdale. In 2011 Nutting was awarded a qualification based continuing service contract to further provide those services. Projects for the City include, but are not limited to:

**Lauderhill Fire Station #30, 2019:**

NE performed geotechnical exploration/ engineering to determine the feasibility of fire trucks using an existing access road in the rear of the station.

**Veterans Park, 2018:**

NE performed geotechnical exploration/ engineering for the construction of a new pavilion and the addition of new drains to the existing pool.

**St. George Park, 2018:**

NE performed geotechnical exploration/ engineering for the construction of a new basketball court.

**Lauderhill Fire Station #30, 2017:**

NE performed geotechnical exploration/ engineering for the proposed construction of a new one-story, high-walled fire station.

**Lauderhill Fire Training Tower, 2014:**

NE performed geotechnical exploration/ engineering for the proposed construction of a new fire training tower, the relocation of an awning at the referenced site which is the City of Lauderdale Fire Rescue Headquarters. Additional improvements include asphalt paved parking and drive areas.

**Lauderhill Performing Arts Center and Library, 2013**

Performed construction materials testing and threshold inspection service for the construction of a ~33,000 SF performing arts center and adjacent 10,000 SF library.

**Lauderhill Municipal Complex, 2008-2009:**

NE was retained by Cubellis/ SGR to perform a geotechnical exploration to determine subsurface conditions for a new four-story, approximately 40,000 SF municipal building, parking and utilities. The City of Lauderdale then hired Nutting Engineers to perform construction materials testing and threshold inspections for the associated site work and vertical construction of the building.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Nutting Engineers of Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Boynton Beach, Florida	(3) ROLE Geotechnical Engineering Services- full scope of services
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3				
21. TITLE AND LOCATION <i>(City and State)</i> City of Sunrise, Florida - Various Projects, Including Southwest WWTP Repair & Replacement Upgrades		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td>ongoing</td> <td>ongoing</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	ongoing	ongoing
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
ongoing	ongoing					
<b>23. PROJECT OWNER'S INFORMATION</b>						
a. PROJECT OWNER City of Sunrise C/o Kirlin Florida,	b. POINT OF CONTACT Mr. Sam Akrouk	c. POINT OF CONTACT TELEPHONE NUMBER 954-739-8100				

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Nutting Engineers of Florida, Inc. has been providing geotechnical exploration/engineering and construction materials testing services on various City of Sunrise projects through local architects, civil engineers and general contractors.

**Southwest WWTP Repair & Replacement Upgrades, Sunrise, 2014 - 2016/Ongoing:**

Demolition of various structures and mechanisms, rehabilitation of existing oxidation ditches, existing secondary clarifiers, repair of existing chlorination building. Construction of new headworks facility, odor control system, master lift station, filter feed pump station, deep bed filters, chlorine contact basins, sodium hypochlorite facility, RAS/WAS pumping station, power to all new facilities and re-feed power to all of the existing equipment. Installation of SCADA system, site work, yard piping, paving, grading and drainage and modifications to 2 existing percolation ponds.

**Other projects include but are not limited to:**

**Springtree WTP Water Stabilization and Solids**

**Handling, Sunrise, 2016 - 2017:** Demolishing the east filters and pump station, installation of a new settled water transfer pump station, new carbon dioxide system,

and replacing the lime sludge dewatering system, installation of a chloride dilution system, repair of damaged concrete, installation of a thickener supernatant forcemain, replacement of guard railing, and coat the west filters and pump station.

**City of Sunrise Sawgrass Floridian Raw Water Main, Reuse Water Pipeline and Wellheads, Phase I, 2012:**

Installation of a 24" raw water pipeline extending along NW 8th Street, International Parkway and Concord Terrace. Installation done using open cut in the roadway areas and directional drilling at the canal crossing.

**W/WTP projects include:** City of Sunrise SW WTP Lime Silo and relocation of filters (2015), NRWTP Electrical Load Center and Motor Control Centers rehabilitation, Pompano Beach (2015), Seminole Indian Reservation WWTP (2014), Wellington WWTP Improvements (2014), Plantation WTP (2013), Plantation WWTP (2013), Sawgrass WWTP Upgrades (2013), Tropical Farms WTP Odor Control (2012)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Nutting Engineers of Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Boynton Beach, Florida	(3) ROLE Geotechnical Engineering Firm - full scope of services
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> 4				
<b>21. TITLE AND LOCATION (City and State)</b> City of Coral Springs, Florida - Various Projects		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>ongoing</td> <td>ongoing</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	ongoing	ongoing
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
ongoing	ongoing					


23. PROJECT OWNER'S INFORMATION		
<b>a. PROJECT OWNER</b> City of Coral Springs	<b>b. POINT OF CONTACT</b> Mr. Ronald Stein	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> 954-946-1739

<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b>  <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>Nutting Engineers of Florida, Inc. was retained by the City of Coral Springs to perform geotechnical exploration/ engineering, construction materials testing and/or inspection services for numerous projects including but not limited to:</p> <p><b>Coral Springs Municipal Complex, 2018:</b> Construction of a new 5-story municipal building and 3-story parking garage.</p> <p><b>Westside Maintenance Facility, 2017:</b> Future construction of a new 2-story maintenance facility include dock high bay areas.</p> <p><b>CSI Building Addition, 2016:</b> Interior build out of ~1,260 square foot of the existing 1st floor building and the addition of an ~1,970 square foot 2nd floor.</p> <p><b>Tennis Complex Storage Building, 2015:</b> Construction of a new 1-story, ~1,200 SF metal storage building.</p> <p><b>Humane Building, West Side Expansion 2015:</b> Proposed expansion to the existing facility.</p> </div> <div style="width: 48%;"> <p>Other recent projects include but are not limited to:</p> <ul style="list-style-type: none"> <li>- Lift Station 21C reconstruction and new force main, 2017</li> <li>- NW 110th Avenue water main replacement, 2017</li> <li>- NW 40th Street improvements, 2017</li> <li>- Sample Road water and force main replacement, 2017</li> <li>- 14E, 17A, 17C, 18C lift station rehab and force main replacement, 2016</li> <li>- West and East water booster station rehab, 2015</li> <li>- Forest Hill Boulevard sidewalk lighting, 2015</li> </ul> </div> </div>	
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25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Nutting Engineers of Florida, Inc.	(2) FIRM LOCATION (City and State) Boynton Beach, Florida	(3) ROLE Geotechnical Engineering Firm - full scope of services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER  5				
21. TITLE AND LOCATION <i>(City and State)</i> City of Hallandale Beach, Florida - Various Projects		22. YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">PROFESSIONAL SERVICES</td> <td style="width: 50%; text-align: center;">CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td style="text-align: center;">ongoing</td> <td style="text-align: center;">ongoing</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	ongoing	ongoing
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
ongoing	ongoing					
<b>23. PROJECT OWNER'S INFORMATION</b>						
a. PROJECT OWNER City of Hallandale Beach	b. POINT OF CONTACT Mr. Gregg Harris	c. POINT OF CONTACT TELEPHONE NUMBER 954-451-3029				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT  <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>Nutting Engineers of Florida, Inc. has performed geotechnical exploration/engineering, construction materials testing and/or inspection services for the City of Hallandale Beach since 2001. Most recent projects include, but are not limited to:</p> <ul style="list-style-type: none"> <li>- <b>Hallandale Beach Stormwater 44 Year Community Development Block Grant, 2018:</b> Installing 18-inch diameter HDPE piping.</li> <li>- <b>Hallandale Beach Stormwater 42 Year Community Development Block Grant, 2017:</b> Installation of drainage pipes, catch basins, manholes, and exfiltration trenches throughout the referenced project area.</li> <li>- <b>SW-SE Hallandale Beach Drainage Improvements, 2017:</b> Installation of 72-inch to 18-inch diameter DIP Force Mains (approx. 3,900 l.f.), Pump Stations, Control Structures, and Drainage Structures</li> <li>- <b>Bluesten Park, 2016:</b> Construction of a new community recreation center, swim sports facility, field house, pool and children's area, multiple sports courts and two (2) baseball fields on a 16.5 acre site.</li> <li>- <b>Golden Isles Tennis Complex and Dog Park, 2015:</b> Construction of a new restroom facility, pro shop area, the reconfiguration of the existing tennis courts and paved parking area.</li> </ul> </div> <div style="width: 48%;"> <ul style="list-style-type: none"> <li>- <b>Fire Station #7, 2015:</b> Performed exfiltration testing for the drainage evaluation of existing soils.</li> <li>- <b>OB Johnson Park, 2014:</b> Construction of a 2 to 3-story, ~45,000 SF building with associated site amenities.</li> <li>- <b>City of Hallandale Beach Main Fire Station, 2014:</b> Construction of a new 2 to 3-story fire station and emergency operation center with a footprint of ~20,000 SF.</li> </ul> </div> </div>						
						
<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>						
a.	(1) FIRM NAME Nutting Engineers of Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Boynton Beach, Florida	(3) ROLE Geotechnical Engineering Firm - full scope of services			
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE			
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE			
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE			
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE			
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE			

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION <i>(City and State)</i> City of Hollywood, Florida - Various Projects	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing since '02	CONSTRUCTION <i>(If applicable)</i> ongoing

<b>23. PROJECT OWNER'S INFORMATION</b>		
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a. PROJECT OWNER City of Hollywood, Various Depts.	b. POINT OF CONTACT See Below	c. POINT OF CONTACT TELEPHONE NUMBER See Below
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<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b>
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Nutting Engineers of Florida, Inc. has a relationship with the City of Hollywood dating back to 2002 with a geotechnical study and asphalt coring services for the Ocean Walk (for Mr. Moe Anuar). Since then we have provided dozens of geotechnical studies as well as provided construction material testing, laboratory testing and inspection services directly for Hollywood personnel.

**2017 Projects:**

Water Main Replacement Program Hollywood Boulevard from Johnson Street to Hollywood Boulevard and 60th Avenue to North 53rd Avenue (64,000 lf) (Geotechnical)  
 Water Main and Sewer Replacement Hollywood Boulevard, north of Pembroke Road, west of South Federal Highway and east of South Dixie (60,000 lf) (Geotechnical)

**2015 Projects:**

Water Main Replacement Program South 26th Avenue to Dixie Highway (Testing)

**2014 and 2013 Projects:**

WTP Scrubber System Expansion, Hollywood Boulevard and North 35th Avenue (Geotechnical)

Alleyways between 54th and 55th Avenue (Geotechnical)  
 Hollywood WWTP @ 1621 North 35th Avenue (Testing)

**2012 and 2011 Projects:**

Drainage Study @ NW 29th Street between NW 6th Avenue and Florida Turnpike  
 14th Avenue Drainage Improvements @ North 14th Avenue & various streets west of North 14th Avenue  
 Dixie Corridor Septic to Sewer Conversion, Dixie Highway between Pembroke Road and Sheridan Street; between Sherman Street and Taft Street

New Pipeline on Arthur Street to Hollywood Boulevard, Arthur Street and North 12th Avenue to North 14th Avenue DIW Booster Pump Station @ Hollywood WTP, Hollywood Boulevard  
 Signal and Road Improvements @ Taft Street and North 21st Road

**City Personnel Contact:**

Mr. Clece Aurelus, 954-921-3930, Mr. Leslie Pettit, 954-921-3995, Mr. James Mortel, 954-621-3930

<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>		
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a.	(1) FIRM NAME Nutting Engineers of Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Boynton Beach, Florida	(3) ROLE Geotechnical Engineering Firm - full scope of services
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

## G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

[illegible]

## 29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	City of Ft. Lauderdale c/o Chen Moore & Associates	6	City of Hollywood - Various Projects
2	City of Lauderhill - Various Projects	7	
3	City of Sunrise - Various Projects	8	
4	City of Coral Springs - Various Projects	9	
5	City of Hallandale - Various Projects	10	

## H. ADDITIONAL INFORMATION

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

**Relevant Experience:** As a current contract holder for geotechnical engineering, construction material testing, and inspection services for various South Florida entities including Broward County County, City of Coral Springs, Broward Schools, Palm Beach County, Miami Dade County and Miami Dade Public Schools, Nutting Engineers of Florida, Inc. is very familiar with the needs and expectations of the City. Additionally, as we celebrate our "50 Year Anniversary" in S.Florida and the Treasure Coast we are very knowledgeable of local conditions and building standards.

**Safety Director:** Another aspect that sets Nutting Engineers of Florida, Inc. apart from other firms is having on staff a full-time Safety Director, Mrs. Mattie Allen, who ensures that our team members are providing services in the safest way possible, benefiting both the City and the Nutting team. Our team has developed a strict Safety Program which includes a standard method of operations and employee training program to minimize risks at all costs, taking all precautions against accidents, injuries, liabilities and other work stoppages for the benefit of and to protect our personnel, our clients and the safety of all parties involved.

Mrs. Allen's daily procedures include un-announced job-site visits ("safety checks") to ensure appropriate safety harnesses/vests, hard hats, eye wear, footwear and procedures are being implemented. Through use of our GPS tracking system she also monitors the speed and driving patterns of the members of the fleet. She oversees mandatory safety meetings, where she or a topic geared outside speaker address different topics, such as proper lifting techniques, job site safety, protective gear usage, safe driving techniques, OSHA practices, to name a few. She also oversees the in-house "Safety First" incentive program which includes quarterly meetings and newsletters as well as the CPR and First Aid training of every field AND in-house Nutting employee.

Mrs. Allen is also responsible for the "Jessica Lunsford Act" Screenings for our employees that work on school projects. Given our number of relevant qualification based contracts with School Districts and Counties, including Broward, Miami Dade, Martin and Indian River Counties, a lot of our employees are already screened and badged throughout South Florida and the Treasure Coast.

Nutting Engineers of Florida is proud to report in the last 2 years our EMR has dropped from 1.16 (2016), .82 (2017) to .81 (2018). This was accomplished through the concerted effort of all employees.

**Our Drug-Free Workplace Program is an integral part of our Safety program:** Our stringent Drug Free Workplace Program, overseen by Mrs. Betsy Butler, Principal, and Mrs. Mattie Allen, Safety Officer, involves pre-employment and random testing of every employee regardless of rank or position. Three to four employees are randomly chosen per month by an outside testing agency. The chosen employees are immediately dispatched to a testing facility to provide a sample. An employee is also sent for testing if there is reasonable suspicion, as well as post-accident situations. In any situation, if the employee tests positive for drugs and/or alcohol, they may be subject to disciplinary action including 12 months of random testing, referral to the Employee Assistance Program (see below) and/or suspension, or immediate termination.

An added benefit of Nutting's employee benefit package includes an "Employee Assistance Program" (EAP), a confidential outside resource Center, at no cost to the employee and their dependents. Access to the EAP is through self-referral or by a supervisor. One of the many benefits offered at this Program/ Center is substance abuse assessment and counseling or referral, as well as counseling for marriage, divorce adjustment, job-related issues, parent/ child, mental health and legal/ financial consultations.

## I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

December 16, 2019

33. NAME AND TITLE

Mr. Richard Wohlfarth, PE, Principal/Director of Engineering





## 4. ORGANIZATIONAL PROFILE AND PROJECT TEAM

### Team Profiles

Chen Moore and Associates has assembled a team of professionals and technicians with experience and expertise in the areas required to meet the goals and objectives of the City of Hollywood. We have all the professionals needed to provide a wide range of technical services to the City. For detailed information, including educational background information for our team members, please refer to their resumes included in the Standard Form 330 form in Section 4.



**Cristobal Betancourt, RLA, AICP** is Chen Moore and Associates' Director of Landscape Architecture and Planning. He has experience providing planning and landscape architecture design solutions for public and private sector clients. Mr. Betancourt provides a full range of services starting with due diligence and master planning culminating in detailed site design. He is well versed in the use of low-impact development techniques applied to site planning.



**Peter Moore, P.E., F. ASCE, ENV SP, LEED AP** is ultimately responsible for all day to day operations of the firm. Mr. Moore works as the Client Project Manager for work in Broward County, Pompano Beach and Deerfield Beach and continues to be involved in the successful completion of projects. These projects include sanitary collection improvements, pump station rehabilitation, transportation engineering enhancements, water and reclaimed water consulting along with all other phases of civil engineering design and neighborhood improvements.

**Jose Acosta, PE, F. ASCE** has over 19 years of design and project management experience in various industries, including municipal continuing service contracts, K-12 education, higher education, healthcare, transportation, and commercial/residential/industrial private development. His background includes neighborhood improvement projects, streetscape enhancements, utility relocation, on- and off-site infrastructure design, bidding assistance and construction administration services for several municipalities throughout Miami-Dade, Broward and Palm Beach Counties.



**Stefan Bortak, RLA, CID** is a certified irrigation designer - commercial for Chen Moore and Associates. He has over 10 years of experience with all aspects of irrigation consulting, design, details and specifications. He prepares landscape, hardscape, and irrigation plans from concept to construction documents; irrigation distribution plans; water use permits; water use analysis; LEED documentation and calculations. Mr. Bortak also performs construction administration, shop drawing review, and inspections. He is responsible for producing plan and section renderings and graphics, and realistic 3D renderings and fly-through videos.



**Eric Harrison, RLA** has over 15 years of landscape architecture experience with several municipalities throughout South Florida. He has provided design services for parks and recreation, university campuses, K-12 education, corporate office, commercial developments and healthcare facilities. Mr. Harrison will provide landscape architecture and planning services for the contract.



**Tanya McCormick, RLA, AICP** recently joined CMA's



West Palm Beach office as a project landscape architect. Her previous experience includes developing and completing master plans, land plans, site plans, landscape plans and detailed design for

commercial and residential properties of varying sizes and intensities. She has a knowledge of local municipal codes and is proficient in Florida's plant palette, local environmental conditions, and site-specific micro climates used to prepare aesthetic and functioning landscape designs. She has prepared illustrations and renderings for project exhibition and marketing; prepared presentations for public hearings and government staff authorization; and worked with multidisciplinary teams throughout design process and throughout government approval process.

**Eric Ferguson** recently joined CMA as a landscape



designer. His 18 years of experience includes serving as a Landscape/Irrigation Designer and Project Manager for another firm where he produced site, landscape and irrigation plans and performed

construction observation. Eric stays current with the latest software used in landscape design production including AutoCAD, LandFX 2017 and Microstation SS3,SS4.

**Yan Chen** is an associate landscape designer who



recently earned her master's degree in landscape architecture from the University of Florida. She holds her bachelor's degree in urban planning from South Agriculture University in

Guangzhou, China. She worked professionally as an urban planner for three years with the Water Planning Institute in Shenzhen, China before beginning her studies in the United States. She is providing production support to senior landscape architecture staff for multiple contracts and brings an extensive knowledge of 3D rendering software and techniques, as well as, GIS technology to the firm.

**Jason McClair, P.E., CFM, LEED AP** is a senior civil



engineer with more than 20 years of experience in utility infrastructure design, regulatory permitting, geotechnical engineering, and computer aided flow modeling for stormwater collection,

water distribution, and sanitary transmission systems. He was the project manager for the Fort Lauderdale-Hollywood International Airport Stormwater Master Plan Update and the Pompano Beach Stormwater Master Plan. Mr. McClair will provide QA/QC services.

**Daniel Davila, P.E.** has over 18 years of civil



engineering experience. His experience includes water and wastewater facilities, facilities planning, utilities master planning, infrastructure renewal, construction management and rate and

financial studies. Mr. Davila has assisted numerous clients that range from municipalities, counties, federal agencies, healthcare districts, residential developers and commercial developers to educational institutions. He has been the contract manager for small projects as well as large complex projects managing millions of dollars in design fees and several subconsultants. Mr. Davila has been the contract manager for several government agencies including St. Lucie County; City of Plantation; St Lucie County School Board; Memorial Healthcare System; Village of Wellington; City of West Palm Beach; and Palm Beach County.

**Safiya Brea, P.E., LEED AP** has over 16 years of



experience with neighborhood improvement projects, including the design of roadways, sidewalks, drainage, water and wastewater infrastructure. As

a senior civil engineer, she has managed projects ranging from thousands of dollars to multi-million dollar, large-scale neighborhood improvement programs. Ms. Brea has managed and designed streetscape improvements, roundabouts, lift station, stormwater improvements and master plans, and booster station basis of design reports. Her duties

include construction management, managing GIS and Autocad design work, Cascade modeling, sewer modeling, and report preparation for municipalities throughout South Florida.

**Jennifer Smith, P.E.** is currently serving as a senior



engineer with Chen Moore and Associates. Her 11 years of experience in the civil engineering field includes GIS and AutoCAD design work, detailed design work on the Broward County UAZ Water

and Sewer Improvement Project, Stormwater Master Plan for the City of Pompano Beach and Coral Springs, Drainage Design for the City of Pompano Beach and Lauderdale by the Sea and the Design of GIS Utility Atlases. Current duties include water main, sanitary sewer and lift station design and permitting, drainage modeling, design and permitting as well as GIS modeling.

The Chen Moore project team is supported by five qualified subconsultants to provide services to the City of Fort Lauderdale. Each member of the team was selected based on proven technical capability, successful local experience, demonstrated client commitment, and successful previous working relationship with CMA. For detailed information, please refer to the 330 forms.



**Tindale-Oliver & Associates, Inc.** was established in 1989 to provide infrastructure engineering, planning, and innovative financing programs for local government entities and private developments. TOA is a leader in providing high quality, innovative planning and engineering services to public and private sector clients. TOA's team expertise in traffic engineering is rooted in its staff and in the skills and tools the firm maintains. TOA's experience covers traffic engineering issues, including traffic signal design/optimization and traffic signal timing, safety and traffic flow studies, safety management systems, roadway capacity analyses, access management policy development and permitting, and multimodal corridor studies.



**Stoner and Associates, Inc.** has over 25 employees including four licensed professional surveyors and mappers supervising six survey field crews. Stoner and Associates has developed a reputation as a professional, reliable company that provides accurate surveys, legal documentation and associated services combined with dependable service for over a decade.



**DELTA G CONSULTING ENGINEERS, INC.**

**Delta G Consulting Engineers, Inc.** was founded in 1992. They are registered with the USGBC. They are a full service consulting engineering firm dedicated to providing our clients with the highest quality Electrical, Mechanical, Plumbing and Fire Protection engineering services at a competitive cost. Delta G office has a total of 20 engineers and support staff; including four Registered Professional Engineers, two C.I.P.E.'s, and eight LEED Accredited Professional.



**Nutting Engineers of Florida, Inc.** has been one of the premier geotechnical engineering firms in South Florida since its inception in 1967. Prior to this date work was performed under the name Nutting Engineers, Inc., which originated in 1956 preceded by H.C. Nutting in Miami from 1932 until 1956. Nutting's comprehensive range of services include geotechnical exploration and engineering including soil borings and groundwater well drilling, monitoring of pile installation, groundwork modification and chemical grouting procedures, quality control/ quality assurance testing of construction materials, structural inspections (special/threshold) of structures.

## Organization of Project Team

The organization of our project team is coordinated by the CMA Project Manager, **Cris Betancourt, RLA**, the Principal-in-Charge **Peter Moore, P.E., F.ASCE, ENV SP, LEED AP** and the QA/QC Manager **Jose Acosta, P.E., F.ASCE**. Prior to project kickoff, the CMA Team will prepare a Project Management Plan to define communication protocols, progress update frequency and format, and key expectations. Structured team and progress meetings will also provide a mechanism to promote integration of the City staff.

The CMA Team strives to keep our clients fully informed on all aspects of a project. Project communications will be handled to maintain coordination throughout. Written communications will be distributed to a list of assigned City staff developed as part of the Project Management Plan.

## Organizational Chart





## 5. PROJECT UNDERSTANDING / UNIQUE CHARACTERISTICS

The City of Fort Lauderdale Transportation and Mobility Department has issued a Request for Qualifications to provide professional engineering services to complete the design, permitting, and construction administration of the Breakers Avenue Streetscape Project. The project limits include Breakers Avenue between Riomar and Vistamar Streets. The consultant team shall receive up to two 30% engineering design packages from the City. The team's role will be to analyze the packages, provide cost analysis and value engineering options and work the City and Stakeholders to select and detail a final streetscape design. The services to be provided will be urban design, landscape architecture, civil, traffic, electrical and geotechnical engineering. The City will provide topographical survey information. CMA will have its survey subconsultant available for supplemental survey information gathering should the need arise during the Project.

The City's goals for the project are to create a showcase streetscape project providing significant enhancement to the City's Public Realm. The Street should accommodate all users and be developed as a public space rather than a thoroughfare for automobile traffic. Based on the Breaker's Avenue Community Vision Illustration, we observed the desire to remove the parking that currently runs through the median of Breakers Avenue to redistribute the right-of-way configuration to provide wider sidewalks that incorporate seating areas, sidewalk restaurants, and other street level activity. As requested in the RFQ, our design solution will create a multi-use adaptable street that is context sensitive, safe, and accessible for all users. CMA will focus on engineering solutions for the functional portions of the street, such as stormwater and utility design, that allow for the user desired portions of the project, such as street trees, site furnishings, and pedestrian lighting to be accommodated.

We visited the project site to understand the conditions and challenges. Our site visit revealed the following for consideration:

1. The most significant issue will be coordination and communication with property owners and residents during design and construction. Phasing of the project will need to allow residents access to their homes and create an environment where existing businesses can thrive during construction while their access will be limited at times.
2. While street level activation is desired, many of the existing buildings have back of house activities fronting the street, such as access to mechanical rooms and storage facilities requiring the design to accommodate service and deliveries to these buildings.



3. Other buildings, such as Birchwood Towers have back in parking that go directly into the travel way and cause conflict points with pedestrians and bicyclists. Working with building owners, we will need to determine if there is a need for these parking spaces, if they could be replaced by other facilities, or deleted altogether.
4. The streetscape design will need to accommodate current development conditions while allowing flexibility for redevelopment of parcels fronting Breakers Avenue.
5. The street does not have an existing stormwater system. Stormwater is conveyed to valley curbs which bring water to the intersections where it gravity flows east and west. Treating stormwater at the source would help alleviate downstream issues, such as localized flooding and water quality. Potential solutions include infiltration trench, suspended pavement systems, permeable paving, and vegetated swales/rain gardens to allow direct infiltration of stormwater on Breakers Avenue.
6. There will be a loss of on-street parking facilities. A careful demand study should be developed to determine how many spaces should be maintained to support residential and business uses.
7. There are many utility crossings in the street. Duct banking utilities to limit their impact on being able to install desired surface features such as street trees, pedestrian lighting, and street furnishings should be explored.



## Extraordinary Skills

CMA has over 30 years of professional experience in Broward County including local relevant experience in roadway, stormwater, hardscape, water, sewer, redevelopment and facility related projects. We have long standing relationships with the permitting agencies that will be involved in the permitting of the project and understand the standards and processes required by regulatory agencies for the design and permitting of streetscapes and infrastructure improvements such as Florida Department of Environmental Protection, Florida Department of Transportation, Broward County Metropolitan Transportation Agency, City of Fort Lauderdale and Broward Complete Streets Guidelines. We take a progressive approach to designing in a multimodal transportation environment and are very experienced in designing, permitting, and providing post design services for Southeast Florida Coastal Communities along A1A, such as Miami Beach, Fort Lauderdale, Town of Palm Beach, Dania Beach, Pompano Beach and numerous others.

In the last ten years, we have completed nearly \$100 million of neighborhood improvement projects in the City of Miami Beach including South Pointe, City Center, Sunset Islands I, II, III, and IV and are currently working on Central Bayshore and Lincoln Road. Our scope of work includes design, permitting, and construction engineering inspection for each of these projects. We provided resident quality of life improvements such as sidewalks, street trees, pedestrian lighting, bicycle lanes, and ADA improvements in addition to utility upgrades for water, sanitary sewer, and stormwater. A significant portion of our work implemented the City's resiliency strategies to prepare for sea level rise and climate adaptation. Our projects required us to raise existing grades in the public right-of-way, install stormwater and deep well injection pumps, and coordinate these decisions with the public. CMA is at the forefront of coastal resiliency projects impacting South Florida residents and business owners.



CMA was recently awarded a Florida Chapter of American Society of Landscape Architect's Merit Award for The Art Walk in Coral Springs which is a flexible venue developed over an existing Sunshine Water Drainage Control District canal. It is reclaimed public space, which anchors the City's new Municipal Complex. The Art Walk hosts the City's Green Market, special events, and has rotating public art displays throughout the year. It was born from a Complete Streets Master Plan that we developed for the City as they looked to develop their new Downtown Core.

The project team will be led by Chen Moore and Associates (CMA) as the prime consultant. Utilizing our in-house staff of civil engineers, planners, landscape architects, arborists, and irrigation designers in an integrated approach to provide project management, due diligence, site analysis, public outreach, planning and design solutions and construction engineering inspection for the assignment.

CMA is supported by **Tindale-Oliver & Associates** for public outreach and traffic studies and engineering; **Delta G Consulting Engineers, Inc.** for electrical engineering services related to lighting and irrigation systems; **Stoner & Associates, Inc.** for surveying and subsurface utility engineering services; and **Nutting Engineers of Florida, Inc.** for geotechnical engineering and materials testing. We have also added Professor **Eric Dumbaugh, PhD of Florida Atlantic University** to help us address safety concerns in this project. He is a world recognized leader in street design and road safety. As our public realm adapts to new street types and adopts a new paradigm in which streets are places and not just connectors, Professor Dumbaugh's experience is an added benefit.

Our team will meet and exceed your expectations.

## 6. APPROACH TO SCOPE OF WORK

Our integrated team of landscape architect's and civil engineer's approach to transportation design begins with careful site analysis and programming of uses determined by meeting with the client and stakeholders. We identify ourselves as Public Space Designers and take this approach into every project. We endeavor to design facilities in a manner that respects the land, celebrates site history and archeology, incorporates stormwater management practices, select sustainable materials, provide universal accessibility recognizing personal mobility limitations, and most especially, design spaces that are memorable and improve quality of life for people.

Approaching this project will require careful analysis of the current land uses and zoning for future development in order to make certain that our proposed circulation plan meets the needs of current residents and potential future redevelopment in the area.

Our goals for the project will be:

1. Prioritize the pedestrian experience over the vehicular experience.
2. Implement the design and materials that provide a unique character to Breakers Avenue.
3. Communicate frequently with the City and Stakeholders. Successful implementation of the project requires communication both during design and construction. It is critical to keep residents informed of items that impact them such as lane closures and temporary utility disconnections during construction.
5. Create a streetscape that is rich in detail enhancing the public realm and the experience of living and visiting Fort Lauderdale Beach.
6. Provide a positive experience for the owner, residents, and stakeholders.
7. Enhance the urban tree canopy, mitigate urban heat island effect, and enhance water quality and infiltration.

Our approach will be as follows:

### 1. Scope of Work

Defining a clear project scope leads to successful projects. We will meet with the City to get a clear understanding of the desired project outcome and budget prior to providing any fee proposals. CMA will work with the City to identify goals, deliverables, needed subconsultants and public outreach efforts necessary for design development. We will request any existing information City may have on record, such as surveys, existing permits, geotechnical reports, master plan studies, etc. that may aid in developing a clear understanding of the requested work assignment. We will provide the City with a defined scope and fee and project schedule for the task assignment.

### 2. Kick-off Meeting

At the Kick-off meeting, we will meet with the City project manager, any additional key staff, and necessary sub-consultants to review the project goals, schedule, and process as defined in the agreed scope of work. Upon conclusion of the kick-off meeting, our team will be clear on project deliverables, milestone dates, the project critical path, and the project goals. Meeting minutes and an updated schedule memorializing the kick-off meeting will be distributed.



### 3. Due Diligence/Inventory and Site Analysis

The CMA team will perform due diligence and analysis by confirming which permitting agencies will have jurisdiction over the project, performing site visits to collect field information, analyzing other master plans impacting the site (such as transportation or utilities that will impact site development), review and compile the information into a Due Diligence report to review with the City. The Due Diligence report will contain project background, land use and zoning analysis, utilities analysis, environmental analysis, stormwater analysis, transportation connectivity analysis, neighborhood connectivity analysis, site inventory and analysis, and any additional elements that are unique to the project site, for example cultural or archeological analysis. This will be a critical step in determining how to implement the Concept Plans that have been prepared and make them reality.

### 4. Stakeholder Outreach

The CMA team will work with City to format the information gathered during the Due Diligence phase for presentation to stakeholders for gathering public input. We will use a combination of methods to gather input which may include public workshops, online surveys, project web sites, social media, information booths at public events, walking tours, or telephone surveys. CMA and the City will have determined the agreed upon method during the scoping of the project. Public outreach will continue throughout the design process and may require multiple public workshops at milestones.

### 5. Plan Development

CMA will prepare initial plan options to review with the City and reach consensus before adjusting the selected option for presentation to the public. At each submittal of the plans (design development and final plans), CMA will provide site programs tabulated by area, opinion of probable cost, plans, sections, and models as agreed, and any additional supporting documentation used during the design process.

### 6. Project Close Out

CMA will deliver paper and digital copies of completed assignments as requested by the CRA.

## Communication

Communication between client and consultant is critical. In order to complete our assignment in a timely way, we recommend regular progress meetings on a mutually agreeable schedule. Meetings can be face to face, via conference call, or skype, but must be held at regular intervals with memorialization of topics covered in order to keep the City/CMA team moving towards our common goal.



## Technical Capabilities

CMA's design team makes full use of the resources we have available. We have an established project approach and an internal quality control program. In addition, our staff works with the latest software and tools to make our design efforts more efficient and to leverage the visualization power currently available to us. Some of the software and internal programs available to the Chen Moore team are:

## Standard Project Approach

- QA/QC Program
- Land F/X for land planning, landscape architecture, and irrigation design
- AutoCAD Civil 3-D for development of construction documents
- Sketch-up with Lumion for 3-D modeling of landscape architectural and urban design projects
- Adobe Photoshop, Illustrator, and In-Design for preparation of graphic documents, project manuals, and design guidelines
- Microsoft Project for scheduling and timelines
- ESRI GIS with a variety of GIS software for accurate design data and cost estimating

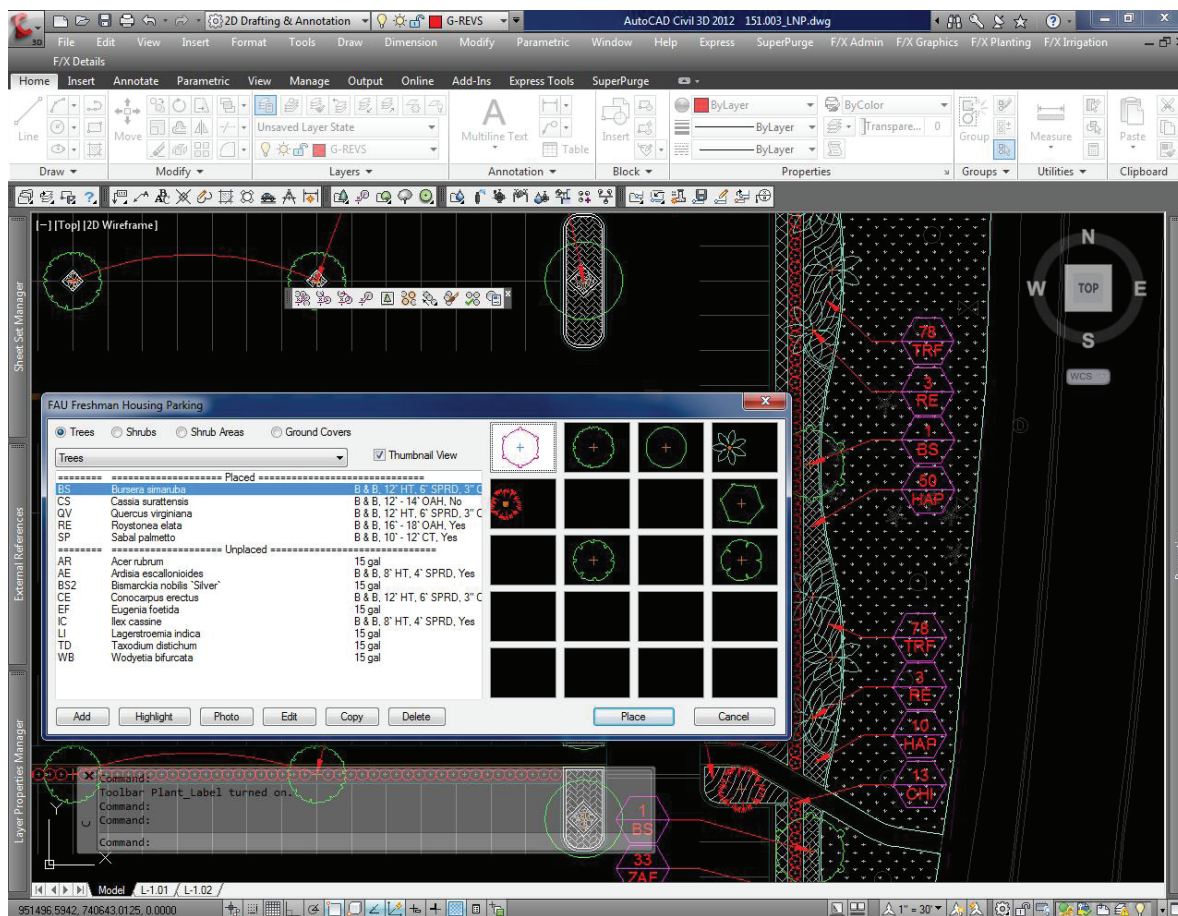
CMA's civil engineering team has a significant amount of experience in Broward County, serving the residents of municipalities throughout Broward County for over three decades. In reference to this opportunity, the following are key points our engineering team brings to Fort Lauderdale:

- CMA serves as a stormwater expert for small and large scale municipal Clients throughout South Florida, especially in the coastal communities of Broward County.
- CMA has extensive recent engineering design experience on a large variety of streetscape and roadway projects including LAP projects with shared paths and bicycle lanes.
- CMA has over forty (40) engineering and landscape architecture municipal continuing service contracts in South Florida.

CMA has successfully designed, permitted and observed the construction of over 100 miles of municipal roadway, 100 miles of stormwater pipe, 100 miles of water main, 70 miles of gravity sewer, 40 miles of force main and over 200 pump stations in South Florida in the last decade.

## Graphics Software

Land F/X is a plug in tool developed for supplemental use with AutoCAD. The software provides our team with the ability to quickly develop conceptual plan graphics, detailed planting, irrigation, hardscape, and lighting plans. A benefit of the software is that materials schedules are updated automatically as design elements are placed into the drawings. This provides for greater accuracy in materials square footages and line item counts. It also aids in expediting the QA/QC process.

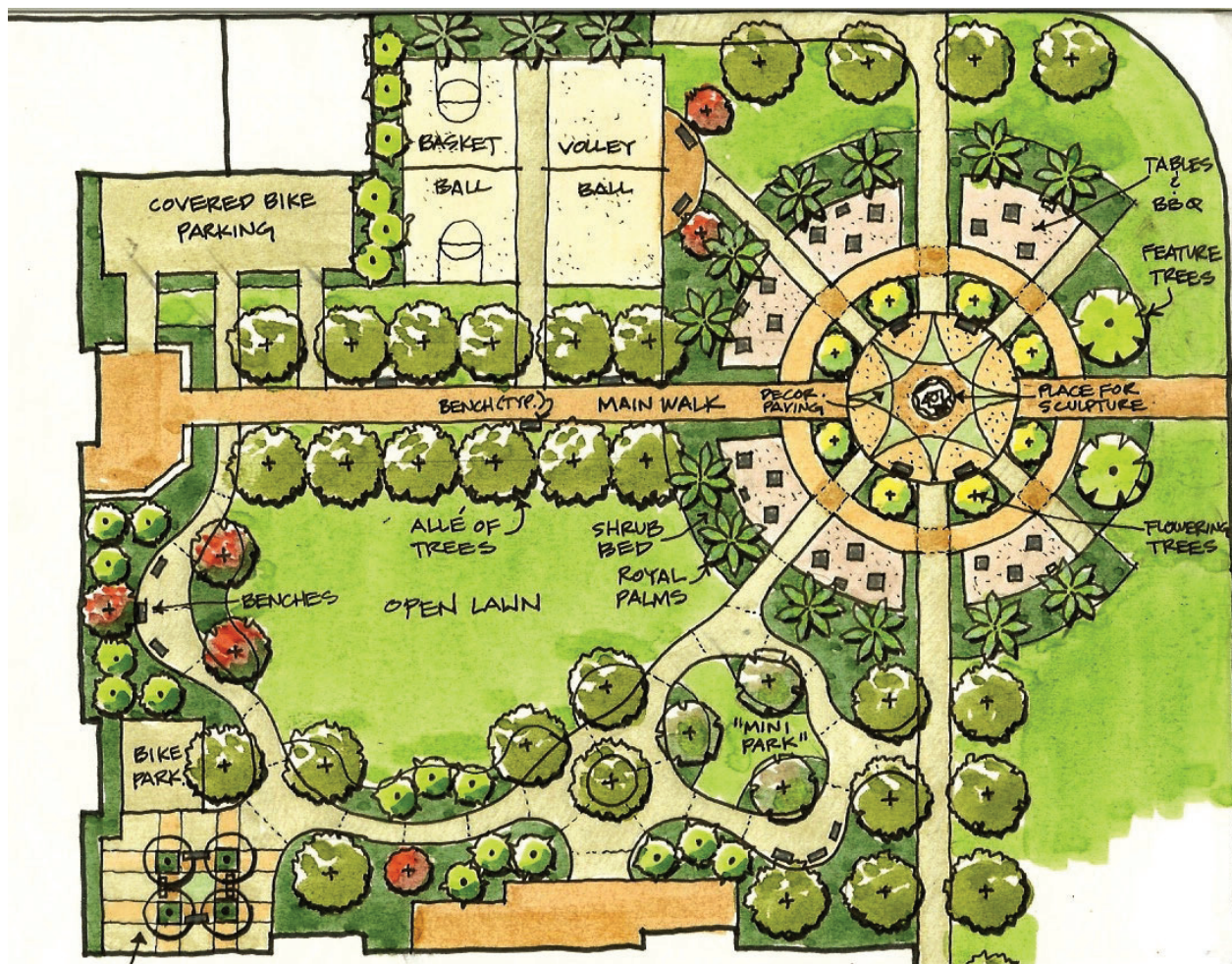


Google Sketch-up is a tool used to create total 3D models of project sites. By developing concept designs in 3D our team can allow clients to virtually travel through the design prior to implementing it. Through the processing of still Sketch-up images in Lumion, we can provide clients with high quality 3-D images for use in presentations, websites, and other marketing material. We find this tool an incredibly effective way of communicating design improvements as illustrated in the images on the following page.





The Adobe Suite of products includes Photoshop, Illustrator, and In-Design which we use to marry multiple types of graphic techniques to convey information visually. We use these tools to prepare graphic presentations, materials boards, reports, and site renderings.





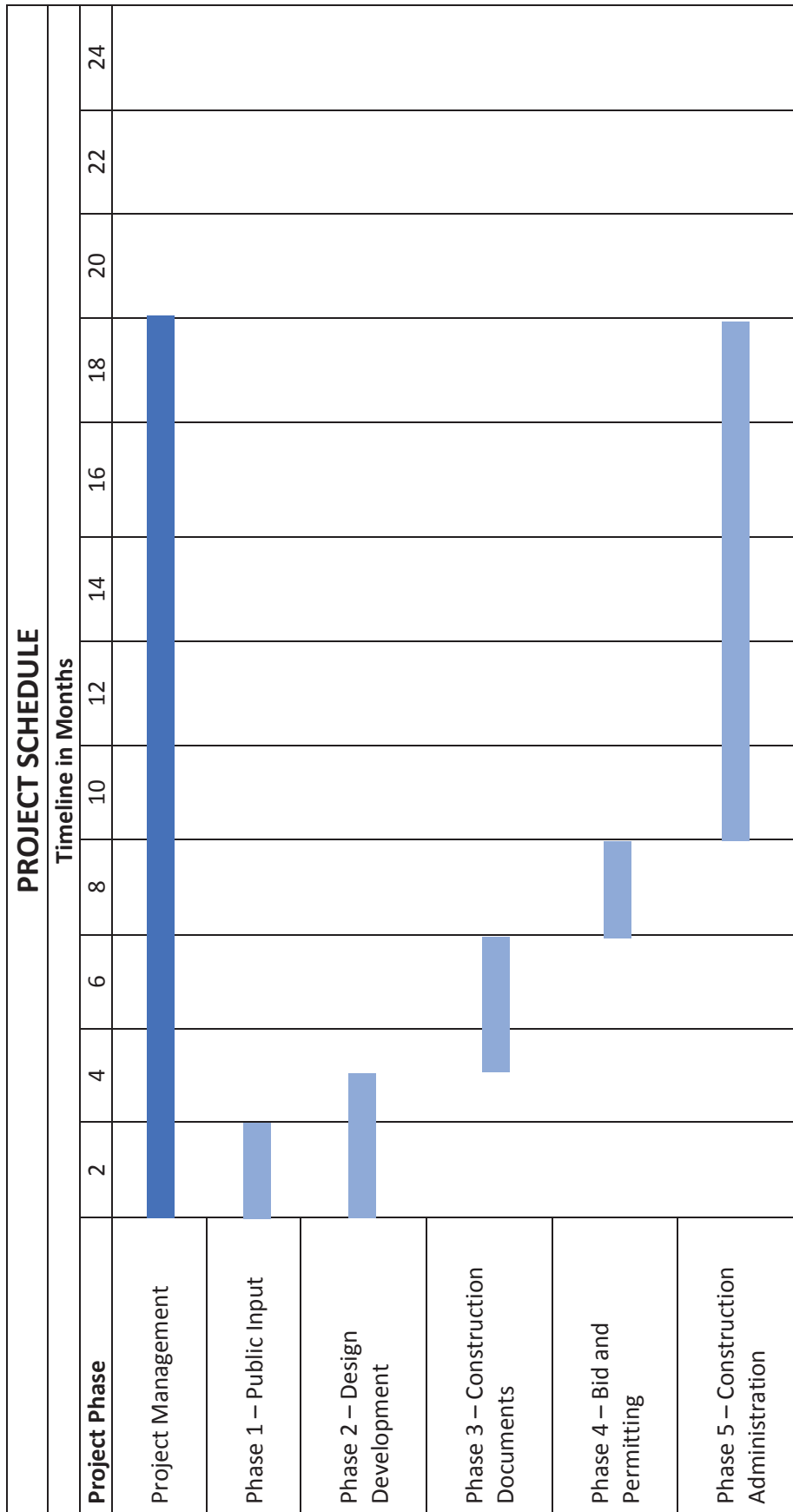
[illegible]

## Approach to Scope of Work

We are very excited about the possibility of working with the City of Fort Lauderdale. Fort Lauderdale is a fun and vibrant community with rich history in South Florida and our firm's home for the last 32 years. As a South Florida firm, we understand the pressures the region faces as it urbanizes rapidly and adapts to the challenges presented by population growth and climate change. We believe that great public spaces build communities. We are passionate about the communities in which we live and raise our families and hope to be working with Fort Lauderdale on Breakers Avenue in the ear future.







Chen Moore and Associates believes the project can be designed, permitted, and constructed within an 18 month period, excluding adjustments for any phasing desired by the City for budget purposes. If all public input is completed and an agreed upon design is provided by the City, the Consultant may be able to reduce the project schedule.

Project Long Name:	% Complete
Arden Master Phase 1, 2A, 2B, and 3	24.73
Banks Road Landscape Medians - City of Margate - RFQ 2018-009 - PO 181051	100.00
Broward College - South Campus Building 68 (19020.02)	63.57
Broward College Demolition of Existing Pool - HJ Project 19020.01 with Broward College	70.00
Broward County Parks and Recreation System Master Plan - PNC2116691P1	N/A
C9O70 - TWO 13 Post Design Services 436467-1-62-02	6.94
C9O70 - TWO 14 LA Design Services 425402-1-32-04	76.09
C9X71 - Coral Ridge Drive - DRMP Project No. 17-0305.000/.001	61.98
Coconut Grove Playhouse LA Peer Review and Value Engineering	70.00
Crossbridge Church	69.51
Davie Rd Landscape Review	25.56
Flamingo Gardens Civil & Landscape Architect Services	32.14
Ft Lauderdale Fire Station 8	96.72
GCD-Residence at University City	88.62
Greater Miami Hebrew Academy Middle/High School Addition	85.00
Gulliver Preparatory School - Zyscovich Architects	40.00
I-4 Ultimate Project	48.22
JM Family Campus Renovation-Deerfield Beach	76.49
Lincoln Road District Improvements	72.60
MDCC New Doral K-8 Center/Phase I	93.69
Miramar-Shirley Branca Amphitheater	96.64
Moore's Creek Linear Park Veterans Housing Project	12.07
Product Graphics & Specification Materials	31.89
SR847/NW 47 Ave SR860 NW 183 St TWO 6	68.62
St John Vianney College PH01-Dorm Mods	45.56
St John Vianney College Seminary Ph II	100.00
State Schl M-1 New K-8 Center in Kendal-Ph I	98.56
Sunrise Senior Center	95.90
Sweetwater / SW 7	60.00
TWO 1-Turnpike GEC LA Services	76.97
TWO 11 - Districtwide Landscape Design - Post Design Services - 429047-4-62-02 - C9O70	72.75
TWO 4 PDS for RAAM JPA	19.68
TWO 48 - Post Design Services for Landscaping of the Davie Park & Ride Lot - C9O41 - FDOT D4 - FM No. 439776-2-62-02 - KCI Project No. 481900405.48	42.45
TWO 7 Post Design Services SR 825 SW 8 St to NW 12 St	79.02
TWO 9 SR93/175 NW 162 ST TO NW 178 ST	92.68
TWO-01 Landscape Architecture Services - C-9041 - K&S Project 18250.GC	44.32
UF Gainesville Campus Irrigation Study	42.86
University Dr-NW 40th to Sawgrass Expressway	99.31
US-1 Landscape and Irrigation - RFQ-14-15-036	75.19
West Chester Cultural Center	78.61

## 7. REFERENCES

### City of Coconut Creek

Brian Rosen, Project Supervisor, City of Coconut Creek  
4800 West Copans Road, Coconut Creek, FL 33063  
954.545.6614; BRosen@coconutcreek.net

**Hillsboro Blvd-SR7 to Florida Turnpike (2016).** Prepared construction documents for the landscape beautification along Hillsboro Blvd. The Plans were prepared for the City of Coconut Creek to enhancing the existing landscape on Hillsboro Boulevard between SR7/441 to Florida's Turnpike/SR91. These improvements are limited to the medians only and include creating gateways into the City, defining hierarchy of cross streets, overall beautification, irrigation and irrigation pump replacement.



### City of Margate

Michael Jones, Director of Parks and Recreation, City of Margate  
102 Rock Island Rd., Margate, FL 33063  
954.972.6458 majones@margatefl.com

**Margate Dog Park (2017).** The proposed dog park site is located along the east side of Rock Island Road south of NW 18th Street within the existing FPL Easement, which is approximately 300 wide. The proposed elements to be incorporated into the proposed Margate Dog Park include: shade structures/shelters; on-site paved parking lots; concrete walkways; brick paver donor memorial area for fundraising; perimeter fencing with double lock gate system; site furnishing (benches, trash/recycle bins, drinking fountains, dog wash stations, waste bag stations); landscaping/irrigation improvements; stormwater improvements; and water service connections. CMA is responsible for conceptual plan development; public workshops with the homeowners association and City commission; topographic survey; subsurface utility verification; geotechnical investigation; document research/review; civil engineering design; landscape/irrigation design; regulatory and surface water permitting; bid document preparation; bidding coordination; and bid review.



### WB Rosemary, LLC

Eric Claussen, Vice President Design & Construction, WPB Rosemary, LLC  
2855 LeJeune Rd 4th Floor, Miami, FL 33134  
305.520.2115 Eric.Claussen@allaboardflorida.com

**All Aboard Florida Fort Lauderdale-Parking Garage (ongoing).** CMA is providing civil engineering and landscape architecture services on the proposed parking garage adjacent to the forthcoming All Aboard Florida station in Fort Lauderdale, Florida. The site of the proposed +/- 614 parking space six story parking garage is adjacent to future transit oriented development and the Fort Lauderdale All Aboard Florida Station.

The civil engineering services CMA is responsible for include utility coordination and schematic design, preliminary and final engineering, government permitting, bidding assistance and construction services. The landscape architecture work CMA is responsible for includes plans for tree disposition, landscape, and irrigation; and construction administration.



# 8. MINORITY (MBE) PARTICIPATION



OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT  
Governmental Center Annex  
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301  
954-357-6400 • FAX 954-357-6674 • TTY 954-357-5664

August 9, 2017

Mr. George San Juan  
DELTA G CONSULTING ENGINEERS, INC.  
707 N.E. 3<sup>rd</sup> Avenue, Suite  
Fort Lauderdale, Florida 33404

ANNIVERSARY DATE – Annually, on June 14<sup>th</sup>

Dear Mr. San Juan:

Broward County is pleased to announce Delta G Consulting Engineers, Inc. has renewed its certification as a Disadvantaged Business Enterprise [DBE] in Florida, under a Unified Certification Program [UCP] in accordance with 49 CFR, PART 26.

DBE certification continues from your anniversary date, but is contingent upon Delta G Consulting Engineers, Inc. renewing its eligibility annually through this office, Office of Economic and Small Business Development (OESBD). OESBD will notify you in advance of your obligation to provide continuing eligibility documents; however, to assure continued certification is your responsibility. Failure to continue your eligibility will result in immediate action to Delta G Consulting Engineers, Inc. as a DBE.

As long as Delta G Consulting Engineers, Inc. is listed in the DBE Directory, it is considered DBE Certified by all Florida UCP Members.

DBE Certification is subject to actions by governmental agencies impacting the disadvantaged status of Delta G Consulting Engineers, Inc.

Delta G Consulting Engineers, Inc. will be listed in Florida's UCP DBE Directory which can be accessed via the internet, at <http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/>.

DBE certification is NOT a guarantee of work, but Delta G Consulting Engineers, Inc. to compete for, and perform, contract work on all USDOT Federal Aid (FAA, FTA and FHWA) projects in Florida as a DBE contractor, sub-contractor, consultant, and sub-consultant or material supplier.

Broward County Board of County Commissioners  
Mark D. Bogen • Beerni Furr • Steve Geller • Dale V.C. Holmes • Chip LaMarca • Nan H. Fitch • Tim Ryan • Barbara Shand • Michael Liding  
www.broward.org

Re: Delta G Consulting Engineers, Inc.

August 9, 2017

If, at any time, there is a material change in Delta G Consulting Engineers, Inc. including, but not limited to, ownership, officers, directors, scope of work being performed, daily operations, affiliations with other businesses or individuals or physical location of Delta G Consulting Engineers, Inc., you must notify OESBD, in writing, without delay. Notification should include supporting documentation. You will receive acknowledgement and confirmation of continued eligibility, if applicable after notification of changes.

Delta G Consulting Engineers, Inc. may compete for, and perform, work on all USDOT Federal Aid projects throughout Florida, receiving DBE credit for work performed in the following area:

NAICS CODE: 541330 Engineering Services

Please feel free to contact OESBD for any questions or concerns pertaining to your DBE certification. Our telephone number is (954) 357-6400; our fax number is (954) 357-6674.

Sincerely,

Sandy-Michael McDonald, Director  
Office of Economic and Small Business Development

State of Florida

Minority Business Certification

Delta G Consulting Engineers

Is certified under the provisions of  
287 and 295.187, Florida Statutes, for a period from:

02/19/2019 to 02/19/2021

*Signature*  
Jonathan H. Baskin, Secretary  
Florida Department of Management Services

Office of Supplier Diversity  
1150 NE 10th Ave, Suite 100 • Fort Lauderdale, FL 33304 • 954-487-0910 • www.dms.fl.gov/supplierdiv



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

August 28, 2017

Ms. Kristina Berryman  
Nutting Engineers of Florida, Inc.  
1310 Neptune Drive  
Boynton Beach, FL 33426

Dear Ms. Berryman:

Congratulations, the South Florida Water Management District (District) has recertified your firm as a Small Business Enterprise (SBE). This certification is valid for three (3) years and may only be applied when business is conducted in the following area(s):

Professional Engineering Consulting Services

Your submission of bids or proposals to supply other products or services outside of the specialty area(s) noted above will not count toward SBE participation. If you require certification in other specialty areas, please contact the Procurement Bureau, SBE Section, for additional information.

Renewal is required every three (3) years and should be requested a minimum of 45 days prior to the above expiration date.

If any changes occur within your company during the certification period such as ownership, affiliate company status, address, telephone number, licensing status, gross revenue, or any information that relates to your SBE Certification status, you must notify this office in writing immediately. It is imperative that we maintain current information on your company at all times. FAILURE TO REPORT CHANGES MAY RESULT IN DE-CERTIFICATION.

Certification is not a guarantee that your firm will receive work, nor an assurance that your firm will remain in the District's vendor database.

We look forward to a mutually beneficial working relationship.

*Signature*  
Alejandra Quiñero  
Sr. Contract Compliance Specialist  
Procurement Bureau  
/aq

3501 Galt Oak Road, West Palm Beach, Florida 33409 • (561) 866-4800 • 1-800-432-3045  
Mailing Address: P.O. Box 34005, West Palm Beach, FL 33403-0005 • www.sfwmd.org



PROCUREMENT SERVICES  
Cypress Creek Administration Center  
6400 N.W. 6<sup>th</sup> Way, Fort Lauderdale, FL 33309  
Phone: 954.263.7454 • Fax: 954.263.7309

May 14, 2018

OFFICE OF SUPPLIER RELATIONS AND DIVERSITY

Kristina Berryman  
Native Business of Florida, Inc.  
1310 Neptune Drive  
Boynton Beach, FL 33426

Dear Kristina Berryman:

Congratulations! The Broward College Office of Supplier Relations and Diversity is pleased to announce that your firm is now part of the College's Small Disadvantaged Business (SDB) program. The certification certificate received from Palm Beach County (Florida) – Office of Small Business Assistance has been verified in accordance with Broward College's SDB Program requirements. The validation process documents your firm as a certified supplier.

Your firm's validation from Palm Beach County (Florida) – Office of Small Business Assistance will expire on 5/29/2020.

During the certification period, please notify the Office of Supplier Relations and Diversity and your certifying agency immediately of any changes to your information during the certification period, such as: contact information, firm ownership and managerial or operational control.

Broward College provides access to supplier resources and procurement opportunities online at [broward.edu/supplierdiversity](http://broward.edu/supplierdiversity). This link also gives you access to the Certified Supplier Directory. Should you have any questions, please contact the Office of Supplier Relations and Diversity at (954) 261-7624 or email [SDC@broward.edu](mailto:SDC@broward.edu).

Sincerely,

Broward College Office of Supplier Relations and Diversity

Minority (MBE) Participation

## 9. REQUIRED FORMS



## STATEMENT OF QUALIFICATION CERTIFICATION

**Please Note:** All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the Department of State, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/> ).

Company: (Legal Registration) Chen Moore and Associates, Inc., Inc.

Address: 500 West Cypress Creek Road, Suite 630

City: Fort Lauderdale State: FL Zip: 33309

Telephone No. (954) 730-0707 FAX No. (954) 730-2030 Email: cbetancourt@chenmoore.com

Check box if your firm qualifies for MBE / SBE / WBE: ☐ ☒ X

**ADDENDUM ACKNOWLEDGEMENT** - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>
<u>1</u>	<u>December 19, 2019</u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>

**VARIANCES:** State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. If this section does not apply to your bid, simply mark N/A. If **submitting your response electronically through BIDS SYNC you must click the exception link if any variation or exception is taken to the specifications, terms and conditions.**

N/A

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, hereby agrees that in no event shall the City's liability for respondent's indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of five hundred dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.


Submitted by:

Peter Moore, P.E., F.ASCE, ENV SP, LEED AP  
Name (printed)

December 20, 2019  
Date:

Signature

President  
Title



### NON-COLLUSION STATEMENT

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL 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 they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

- 3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).
- 3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

**Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.**

N/A	<u>NAME</u>	<u>RELATIONSHIPS</u>

**In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.**

## CONTRACT PAYMENT METHOD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, bidders must presently have the ability to accept these credit cards or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below you agree with these terms.

Please indicate with which credit card payment you prefer:

\_\_\_\_\_ Master Card

\_\_\_\_\_ X \_\_\_\_\_ Visa

Company Name: \_\_\_\_\_ Chen Moore and Associates, Inc. \_\_\_\_\_

\_\_\_\_\_ Peter Moore, P.E., F.ASCE, ENV SP, LEED AP  
Name (printed)

\_\_\_\_\_ December 20, 2019  
Date:

Signature

President

Title






**CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH  
NON-DISCRIMINATION PROVISIONS OF THE CONTRACT**

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-187(c), bidders must certify compliance with the Non-Discrimination provision of the Ordinance.

The Contractor shall not, in any of his/her/its activities, including employment, discriminate against any individual on the basis of race, color, national origin, religion, creed, sex, disability, sexual orientation, gender, gender identity, gender expression, or marital status.

1. The Contractor certifies and represents that he/she/it will comply with Section 2-187, Code of Ordinances of the City of Fort Lauderdale, Florida, as amended by Ordinance C-18-33 (collectively, "Section 2-187").
2. The failure of the Contractor to comply with Section 2-187 shall be deemed to be a material breach of this Agreement, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.
3. The City may terminate this Agreement if the Contractor fails to comply with Section 2-187.
4. The City may retain all monies due or to become due until the Contractor complies with Section 2-187.
5. The Contractor may be subject to debarment or suspension proceedings. Such proceedings will be consistent with the procedures in Section 2-183 of the Code of Ordinances of the City of Fort Lauderdale, Florida.

  
\_\_\_\_\_  
Authorized Signature

Peter Moore, P.E., F.ASCE, ENV SP, LEED AP    President  
\_\_\_\_\_  
Print Name and Title

December 20, 2019  
\_\_\_\_\_  
Date





City of Fort Lauderdale • Procurement Services Division  
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301  
954-828-5933 Fax 954-828-5576  
[purchase@fortlauderdale.gov](mailto:purchase@fortlauderdale.gov)

## ADDENDUM NO. 1

RFQ No. 12357-206

TITLE: BREAKERS AVE. STREETScape AND INFRASTRUCTURE IMPROVEMENTS  
PROJECT (Re-bid)

ISSUED: December 19, 2019

This addendum is being issued to make the following change(s):

1. **DELETE** – Item 4.2.9 Sub-consultants, shall be deleted in its entirety. Information regarding subconsultants are to be included item 4.2.4.
2. **ADD** – The following paragraph shall be added to Item 4.2.3:  
**Provide a comprehensive summary of the experience and qualifications of the individual(s) who will be selected to serve as the project manager(s) for the City.**
3. **REPLACE** – Replace item 4.2.4 with the following:  
**4.2.4 Qualifications of the Project Team**  
**List the members of the project team (may be on a Standard Form 330 if you choose). Provide a list of the personnel to be used on each project and their qualifications. Providing this information on an organizational chart is recommended. A brief resume including education, experience, licenses and any other pertinent information shall be included for each team member, including subconsultants to be assigned to each project. Explain how each project team member will contribute to the project, in what capacity, and the level of involvement they will have. Each resume should not exceed two (2) pages in length.**

All other terms, conditions, and specifications remain unchanged.

James Hemphill  
Asst. Manager of Procurement and Contracts

Company Name: Chen Moore and Associates, Inc.  
(please print)

Bidder's Signature: Peter Moore, P.E., F.ASCE, ENV SP, LEED AP

Date: December 20, 2019



Corporate Office

*Fort Lauderdale*  
500 West Cypress Creek Road, Suite 630  
Fort Lauderdale, FL 33309  
Telephone: +1 (954) 730-0707

Regional Offices

*Miami*  
2103 Coral Way, Suite 401  
Miami, FL 33145  
Telephone: +1 (786) 497-1500

*West Palm Beach*  
500 Australian Ave. South, Suite 850  
West Palm Beach, FL 33401  
Telephone: +1 (561) 746-6900

*Orlando (Maitland)*  
341 North Maitland Ave., Suite 346  
Maitland, FL 32751  
Telephone: (407) 536-7970

Project Offices

*Gainesville*  
2233 Northwest 41st Street, Suite 400  
Gainesville, FL 32606  
Telephone: +1 (352) 374-1997

*Tampa*  
401 East Jackson Street, Suite 2340  
(SunTrust Financial Center)  
Tampa, FL 33602  
Telephone: +1 (813) 345-5965

*Jacksonville*  
9424 Baymeadows Road, Suite 250  
Jacksonville, FL 32256  
Telephone: +1 (904) 712-1002