

Baxter & Woodman, Inc.

Bid Contact **Deborah Finn**
marketing@baxterwoodman.com
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Address **8678 Ridgefield Road**
Crystal Lake, IL 60012

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
PSEN-18-02--01-01	Please submit documents here.	Supplier Product Code:	First Offer -	1 / each	Y	Y
Supplier Total					\$0.00	

Baxter & Woodman, Inc.

Item: **Please submit documents here.**

Attachments

Mathews Consulting Prof Svc Providers-Arch-Eng-Surv.pdf



**RFQ # PSEN-18-02
PROFESSIONAL SERVICE PROVIDERS
(ARCHITECTURAL, ENGINEERING, SURVEYING & MAPPING)**

City of **PEMBROKE PINES**

Qualifications submitted July 24, 2018



**6600 North Andrews Avenue, Suite 100
Fort Lauderdale, Florida 33909
954-945-5483 phone
info@baxterwoodman.com**



July 24, 2018

The City of Pembroke Pines
Purchasing Division
8300 South Palm Drive
Pembroke Pines, Florida 33025

Subject: RFQ # PSEN-18-02 "Professional Service Providers (Architectural, Engineering, Surveying & Mapping)"

Attention Mr. Gomes:

The City of Pembroke Pines provides reliable service to residents and businesses with a complex system of water, sanitary, and drainage utilities, while a sophisticated system of roads and pedestrian facilities provides safe travel, access, and enjoyment to your community.

With firm roots in municipal engineering, Mathews Consulting holds 24 similar continuing services contracts in and around Broward County for communities like Boca Raton, Tamarac, Lauderdale-By-The-Sea, Pompano Beach, and more. We offer full service engineering from our nearby Fort Lauderdale location, and our team's expertise extends beyond typical engineering consulting, encompassing skills in communication and resident coordination that are needed for successful projects. In our 20 years serving South Florida communities, our team proves time and again the ability to effectively integrate with municipal staff to promote City priorities and efficiently support your in-house expertise. Rest assured that of the City's service categories, Mathews is excited and fully capable of assisting Pembroke Pines with the following:

- **General Civil and Environmental Engineering**
- **Land Surveying**

We appreciate the opportunity to present our qualifications and please feel free to contact me if additional information is needed during the evaluation process at rtravis@baxterwoodman.com or (561) 655-6175.

Sincerely,

MATHEWS CONSULTING,
A BAXTER & WOODMAN COMPANY

A handwritten signature in black ink, appearing to read 'Louis D. Haussmann'.

Louis D. Haussmann, PE, PTOE™
Executive Vice President/COO

LDH/MRT:rk

A handwritten signature in black ink, appearing to read 'M. Rebecca Travis'.

M. Rebecca Travis, PE
Vice President/Region Manager

6600 N. Andrews Ave., Suite 100, Fort Lauderdale, FL 33309 • 954.945.5483 • baxterwoodman.com

www.baxterwoodman.com

CITY OF PEMBROKE PINES

Professional Service Providers (Architectural, Engineering, Surveying & Mapping
180804.10

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The strength of Mathews Consulting is our people and our purpose. Building community value with every project we do is the force that drives us, and our fundamental core values are the principles we live by . . .

2. STANDARD FORM 330 (PARTS I AND II)

MATHEWS CONSULTING, A BAXTER & WOODMAN COMPANY

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Professional Service Providers (Architectural, Engineering, Surveying & Mapping)

2. PUBLIC NOTICE DATE

June 26, 2018

3. SOLICITATION OR PROJECT NUMBER

PSEN-18-02

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Rebecca Travis, PE/Vice President

5. NAME OF FIRM

Mathews Consulting, a Baxter & Woodman Company

6. TELEPHONE NUMBER

561-655-6175

7. FAX NUMBER

561-655-6179

8. E-MAIL ADDRESS

rtravis@baxterwoodman.com

C. PROPOSED TEAM

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

	(Check)	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME J.V. PARTNER SUBCON- TRACTOR			
a.	<input checked="" type="checkbox"/>	Mathews Consulting, a Baxter & Woodman Company <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	6600 N. Andrews Ave., Suite 100 Fort Lauderdale, FL 33309	Prime Consultant
b.	<input checked="" type="checkbox"/>	Electrical Design Associates, Inc. (EDA) <input type="checkbox"/> CHECK IF BRANCH OFFICE	8401 Lake Worth Road, Suite 221 Lake Worth, FL 33467	Subconsultant
c.	<input checked="" type="checkbox"/>	Terracon <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	5371 NW 33 Avenue, Suite 201 Fort Lauderdale, FL 33309	Subconsultant
d.	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ (Attached)

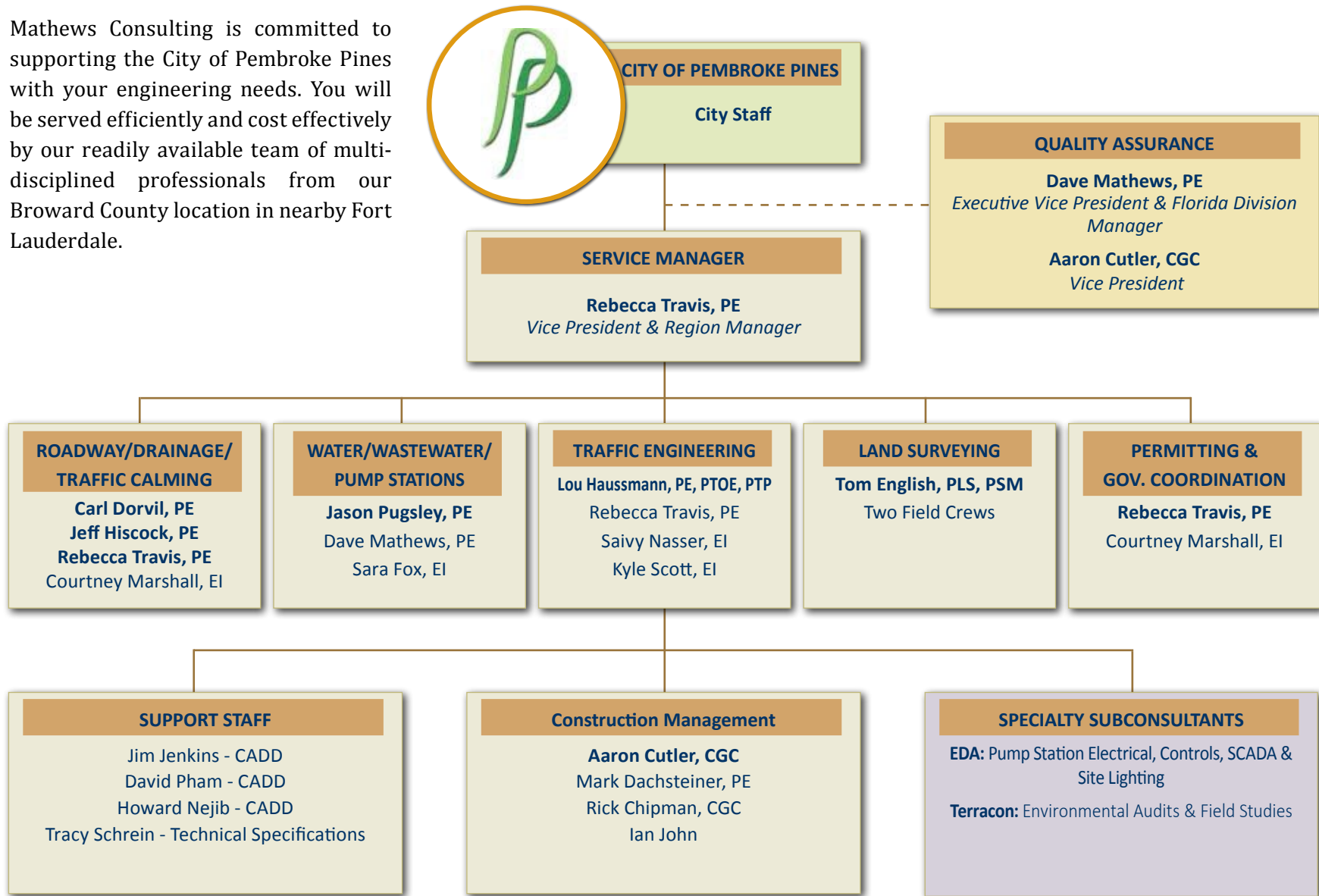
AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 330 (REV. 8/2016)

2. Standard Form 330 (Parts I and II)

ORGANIZATIONAL CHART

Mathews Consulting is committed to supporting the City of Pembroke Pines with your engineering needs. You will be served efficiently and cost effectively by our readily available team of multi-disciplined professionals from our Broward County location in nearby Fort Lauderdale.



2. Standard Form 330 (Parts I and II)

Page 6

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME		14. YEARS EXPERIENCE	
M. Rebecca Travis, PE, ENV SP		a. TOTAL	b. WITH CURRENT FIRM
Service Manager/Roadway/Drainage/Traffic Calming/Permitting & Governmental Coordination Service Manager		34	15
15. FIRM NAME AND LOCATION (City and State) Mathews Consulting, a Baxter & Woodman Company, Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) B.S./Civil Engineering, Iowa State University		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer, Florida	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Rebecca has 34 years of progressively responsible civil engineering design and project management experience in municipal stormwater, roadway, and utility projects. She is a credentialed Envision Sustainability Professional (ENV SP) and LEED Green Associate.			
19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Monceaux Road - Group I West Palm Beach, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2013	2016
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Scope: Design, permitting, bidding and construction administration/inspections for this stormwater and utility system improvements project Role: Design Engineer/Agency Certs			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
108th Terrace Improvements Tamarac, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2013	2014
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Scope: Design, bidding and construction administration services for pavement replacement and drainage improvements. Role: Design Engineer/Agency Certs			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Rutland Boulevard Improvements West Palm Beach, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2014	2016
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Scope: Design Engineer for improvements to roadway, decorative street lighting, stormwater system, wastewater system, lift stations, force main and water system. Role: Design Engineer/Agency Certs			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
\$40 Million Neighborhood Road Program Lake Worth, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2016-2020	2017-2021 est
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Scope: Ongoing project. Design, permitting, bidding and construction management services for a 4-year utility and roadway improvements program, including roadway reconstruction, stormwater design improvements, and water main and sanitary sewer improvements. Role: Design Engineer/Agency Certs			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
North & South Roads Improvements Boynton Beach, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2015	2018
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Scope: Final design, permitting, and bidding services for roadway reconstruction and drainage infrastructure improvements. Role: Design Engineer/Agency Certs			

STANDARD FORM 330 (REV. 8/2016) PAGE 2

2. Standard Form 330 (Parts I and II)

Page 7

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	
David L. Mathews, PE	Quality Assurance/Water/Wastewater & Pump Stations	a. TOTAL 28	b. WITH CURRENT FIRM 19
15. FIRM NAME AND LOCATION (City and State) Mathews Consulting, a Baxter & Woodman Company, Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) B.S./Civil Engineering, University of South Florida		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer, Florida	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Dave has over 28 years of experience and is the past president of the Palm Beach County branch of the American Society of Civil Engineers. He co-published an article in the Florida Water Resources Journal titled, <i>Landfill Leachate Management: Combining Biophysical Treatment with Ultrafiltration/Reverse Osmosis</i> .			
19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Monceaux Road - Group I West Palm Beach, FL		PROFESSIONAL SERVICES 2013-2016	CONSTRUCTION (If applicable) 2013-2016
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Design, permitting, bidding and construction administration/inspections for this stormwater and utility system improvements project Role: Quality Assurance & CEI Services Director		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
108th Terrace Improvements Tamarac, FL		PROFESSIONAL SERVICES 2013-2014	CONSTRUCTION (If applicable) 2013-2014
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Design, bidding and construction administration services for pavement replacement and drainage improvements. Role: Quality Assurance & CEI Services Director		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCAT (City and State)		(2) YEAR COMPLETED	
Rutland Boulevard Improvements West Palm Beach, FL		PROFESSIONAL SERVICES 2014-2016	CONSTRUCTION (If applicable) 2014-2016
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction administration/inspections for improvements to roadway, decorative street lighting, stormwater system, wastewater system, lift stations, force main and water system. Role: Quality Assurance & CEI Services Director		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
\$40 Million Neighborhood Road Program Lake Worth, FL		PROFESSIONAL SERVICES 2017-2020 est	CONSTRUCTION (If applicable) 2017-2020 est.
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Ongoing project. Design, permitting, bidding and construction management services for a 4-year utility and roadway improvements program, including roadway reconstruction, stormwater plan reviews and recommendations, and water main and sanitary sewer improvements. Role: Quality Assurance & CEI Services Director		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Auburn Avenue Improvements Delray Beach, FL		PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Final design, permitting, and bidding services for roadway reconstruction including water, sanitary, and drainage infrastructure improvements. Role: Quality Assurance		<input checked="" type="checkbox"/> Check if project performed with current firm	

STANDARD FORM 330 (REV. 8/2016) PAGE 2

2. Standard Form 330 (Parts I and II)

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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	
Aaron I. Cutler, CGC	Quality Assurance/Construction Management	a. TOTAL 19	b. WITH CURRENT FIRM 10
15. FIRM NAME AND LOCATION (City and State) Mathews Consulting, a Baxter & Woodman Company, Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) AAS/Civil Engineering Technology, Pensacola Junior College		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) State of Florida Certified General Contractor Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control - Certified Stormwater Management Inspector (Inspector No. 21817)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Aaron is a State of Florida Certified General Contractor and is a Certified Stormwater Management Inspector by the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control. He is also certified by FDOT in Level One and Level Two Red Vector Asphalt Paving.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Monceaux Road - Group 1 West Palm Beach, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2016
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction administration/inspections for new stormwater facilities, water main upgrades, sanitary sewer replacement/rehabilitation, roadway, street lighting, sidewalk and landscaping. Role: Construction Project Manager		
(1) TITLE AND LOCATION (City and State) 108th Terrace Improvements Tamarac, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2012
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction administration services for pavement replacement and drainage improvements. Role: Construction Project Manager		
(1) TITLE AND LOCATION (City and State) Rutland Boulevard Improvements West Palm Beach, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2016
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction administration/inspections for improvements to roadway, 4 bridges, decorative street lighting, stormwater system, wastewater system, lift stations, force main and water system. Role: Construction Project Manager		
(1) TITLE AND LOCATION (City and State) \$40 Million Neighborhood Road Program Lake Worth, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2017-2020 est.
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Ongoing project. Construction management services for a 4-year utility and roadway improvements program, including roadway reconstruction, stormwater plan reviews and recommendations, and water main and sanitary sewer improvements. Role: Construction Project Manager		
(1) TITLE AND LOCATION (City and State) 7th Avenue South Lake Worth, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2016
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction management services for roadway improvements including pavement replacement, water main replacement, and minor drainage improvements. Role: Construction Project Manager		

STANDARD FORM 330 (REV. 8/2016) PAGE 2

2. Standard Form 330 (Parts I and II)

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME		13. ROLE IN THIS CONTRACT	
Jeffrey G. Hiscock, PE		Roadway/Drainage/Traffic Calming Project Engineer	
		14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
		32	1 month
15. FIRM NAME AND LOCATION (City and State) Mathews Consulting, a Baxter & Woodman Company, West Palm Beach, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
B.S./Mechanical Engineering, University of Florida		Professional Engineer, Florida	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Jeff has been involved in several watershed assessments in the State of Florida that examined the hydrology, hydraulics and water quality assimilation of large scale systems. He is experienced with stormwater pumping station design, detailed basin flood-routing analyses using computational hydrology and hydraulics computer modeling, and GIS Graphical User Interface development.			
19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Stormwater Master Plan West Palm Beach, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2000	N/A
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Scope: Developed recommendations regarding the implementation of stormwater programs and projects to address the short-term and long-term stormwater needs of the City. The plan examined the stormwater utility and identified additional sources of funding. A Capital Improvement Plan was developed within the Master Plan, prioritizing over \$29M of stormwater projects. Role: Project Manager Construction Cost: \$29M		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
The Renaissance Project West Palm Beach, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2001	2002
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Scope: Design of a 250 cfs stormwater pumping station, alum injection system, five-acre settling basin, five-acre wetland cell and other water diversion structures. Managed all aspects of project including feasibility studies, grant applications, design, permitting and construction administration. Role: Project Manager/Engineer of Record Construction Cost: \$9M		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Monroe Drive Stormwater Improvements West Palm Beach, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2009	2011
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Scope: As a subconsultant to Mathews Consulting, provided design, hydrologic and hydraulic modeling, pipe sizing, and permitting services for stormwater drainage infrastructure improvements. Also completed design and permitting of dewatering plan. Role: Project Engineer Construction Cost: \$4.77M		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
D-2 to D-9 Drainage Basin Interconnect Assessment Study Palm Beach, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2016	N/A
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Scope: Hydrologic/hydraulic modeling study to evaluate potential flood protection improvements utilizing interconnected drainage basins. Analysis was completed using the Inter-Connected Pond Routing (ICPR) model version 4. An evaluation of the existing Level of Service was also included. Role: Project Manager Construction Cost: \$1.25M		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Mirasol Stormwater Pumping Stations and Control Structures Northern Palm Beach County Improvement District, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2001	2002
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Scope: Design of water management facilities including a 129,150 gpm primary pump station, bleeder/recharge pump station, transfer pump station and two control structures with 27 foot wide concrete weirs. Designed to serve drainage and water recharge needs for a 2300-acre residential development. Included 600 kW backup generator and telemetry control. Role: Project Manager/Design Engineer Construction Cost: \$2.9M		

STANDARD FORM 330 (REV. 8/2016) PAGE 2

2. Standard Form 330 (Parts I and II)

Page 10

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	
Jason A. Pugsley, PE	Water/Wastewater/Pump Stations Project Engineer	a. TOTAL 17	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) Mathews Consulting, a Baxter & Woodman Company, West Palm Beach, FL			
16. EDUCATION (Degree and Specialization) B.S./Civil and Environmental Engineering, Florida State University		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer, Illinois	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Jason is a member of the American Water Works Association.			

19. RELEVANT PROJECTS		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Key Haven Utility Improvements Florida Keys Aqueduct Authority, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2017
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Scope: Design, permitting, bidding and construction management for utility improvements within the Key Haven service area, consisting of replacement of existing gravity collection system and force mains with no service disruption. Role: Project Manager		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Rehabilitation of Master Lift Station 309 Boynton Beach, FL	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2014
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Scope: Ongoing services. Design, permitting, bidding and construction inspection for rehabilitation of an existing dry-pit type lift station and installation of 16-inch force main to replace the existing 12-inch force main. Role: Design Project Manager and Construction Inspector		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Master Lift Station #1 Rehabilitation Loxahatchee River Environmental Control District, FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2016
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Scope: Design, permitting and bidding for the rehabilitation of Lift Station #1, including replacement of the existing pumps, generator unit, existing pump section and discharge piping, electrical system and MCC upgrades. Role: Project Manager		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Low Lift Pump Station Modification Boca Raton, FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2018 est.
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Scope: Design, permitting and bidding for modifications to the pump station, which included addition of a fourth pump, replacement of the existing variable frequency drive, 3 electrical substations, and 2 sodium hypochlorite lines. Role: Project Manager		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Lime System Upgrades and Improvements Lake Worth, FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2017
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Scope: Ongoing services. Design, permitting and bidding of upgrades to the Marathon Distribution Pump Station, including 2 pumps, new 4 MG ground storage tank, and associated mechanical, electrical, instrumentation and controls improvements. Role: Project Manager		

STANDARD FORM 330 (REV. 8/2016) PAGE 2

2. Standard Form 330 (Parts I and II)

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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	
Louis D. Haussmann, PE, PTOE, PTP	Traffic Engineer	a. TOTAL 22	b. WITH CURRENT FIRM 22
15. FIRM NAME AND LOCATION (City and State) Mathews Consulting, a Baxter & Woodman Company, Ft. Lauderdale, FL			
16. EDUCATION (Degree and Specialization) M.S./Civil Engineering, University of Illinois at Urbana-Champaign B.S./Civil Engineering, University of Illinois at Urbana-Champaign		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer, Florida, Illinois, Indiana, Michigan, Wisconsin	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Lou is certified by the Institute of Transportation Engineers as a Professional Traffic Operations Engineer and as a Professional Transportation Planner. He published an article, "Neural Network Algorithms for the Correction of Concrete Slab Stresses from Elastic Layered Programs" in the <i>Transportation Research Record No. 1568</i> .			
19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Swinton Commons Traffic Study Delray Beach, FL		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Conducted traffic study review and prepared comments. Tasks were verification of trip generation rates, trip distribution and trip assignment; review of capacity analyses, technical memorandum preparation with recommendations Role: Project Engineer		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
4591 and 4561 Atlantic Avenue Future Land Use Traffic Study Delray Beach, FL		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Prepared comparative analysis of traffic generation rates and potential average daily trips for different scenarios of existing and proposed development land use map and zoning designations. Role: Project Engineer		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Lake Street STP Improvements Grayslake, IL		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Design, permitting, and cost estimating of widening/reconstruction of a rural roadway into an urban and improvements to an intersection with a state highway. Improvements included storm sewer installations. Role: Project Manager		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Veterans Parkway Reconstruction Will County, IL		PROFESSIONAL SERVICES 2010	CONSTRUCTION (If applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Preliminary design, final design, permitting and cost estimating of 3 miles of improvements to an existing roadway and installation of a new section of roadway. Included traffic signals, storm sewer, water main, street lighting, bridge, box culvert, sidewalk, and parkway. Role: Project Manager		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Annual Roadway Improvements Fox River Grove, IL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Ongoing projects. Preliminary design, final design, permitting, cost estimating for improvements including roadway resurfacing, drainage improvements, storm sewer, water main, and ADA sidewalk upgrades. Role: Project Manager		<input checked="" type="checkbox"/> Check if project performed with current firm	

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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	
Thomas A. English, PSM, PLS	Surveyor of Record	a. TOTAL 37	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) Mathews Consulting, a Baxter & Woodman Company, Ft. Lauderdale, FL			
16. EDUCATION (Degree and Specialization) Civil Technology, Middlesex County College		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Surveyor and Mapper, Florida, New Jersey, New York, Pennsylvania, Connecticut, and Louisiana	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Tom has published articles, "Photogrammetry and Topographic Mapping" in the <i>Land Development Handbook</i> , published by McGraw Hill, and "Topographic Survey" in the <i>Point of Beginning</i> magazine.			
19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Water Main Replacement and Pavement Restoration, Bid Pkg. No. 11 Oakland Park, FL		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Scope: Performed topographic mapping; specific purpose surveys; drainage, utility, right-of-way and topographic surveys; and served as QA/QC Reviewer for primary horizontal & vertical control, aerial and mobile mapping targeting, & topographic/DTM surveys. Role: Project Manager, Surveyor of Record and QA/QC Reviewer		<input type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Lyons Park Neighborhood Improvement Pompano Beach, FL		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Scope: Performed control, right-of-way, topographic and utility surveying for 4.5 miles of roadway. Role: Senior Survey Project Manager		<input type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Professional Mapping/GIS Services Pasco County, FL		PROFESSIONAL SERVICES 2014, 2016	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Scope: Located and assessed stormwater system elements throughout County. Developed in-house data management and processing procedures and workflows. Role: Survey Manager and QA/QC Reviewer		<input type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
SR 5/Okeechobee Road at W. 16th Avenue in Miami-Dade County Florida Department of Transportation District 6, FL		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. Scope: Performed design survey and established right-of-way lines. Included topographic/DTM surveys of pavement areas, drainage surveys, and information acquisition for right-of-way establishment. Prepared Project Network Control sheet. Role: Project Manager and QA/QC Reviewer		<input type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Hanson Street Extension Lee County, FL		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Scope: Prepared right-of-way plans, sketches and description of right-of-way takings, topographic survey, and drainage and wetland surveys. Role: Survey Project Manager and QA/QC Reviewer		<input type="checkbox"/> Check if project performed with current firm	

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

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Pompano Beach	b. POINT OF CONTACT NAME Randolph Brown, PE	c. POINT OF CONTACT TELEPHONE NUMBER 954-786-4061
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The City of Pompano Beach previously selected Mathews Consulting to prepare a Drainage Preliminary Design Report for the Esquire Lake Neighborhood. The Drainage Preliminary Design Report provided the recommended improvements to the Esquire Lake Neighborhood in order to address roadway flooding and standing water issues after rainfall events in the neighborhood. The Esquire Lake Neighborhood project limits is bounded on the east by Powerline Road, on the west by NW 27th Avenue, on the south by NW 6th Street, and the north by Martin Luther King Boulevard.

Alternative 3B was the recommended drainage alternative since it provides the most overall benefit in terms of roadway flooding. The design of the proposed improvement includes installation of new drainage facilities (piping, catch basins, manholes, exfiltration trench, outfalls, etc.) swale grading and sodding, roadway reconstruction and pavement resurfacing. Construction also includes clearing and grubbing, dewatering, MOT's, pavement markings and signage, complying with permit conditions, testing and all restoration work for a complete and operating system. The City also requested that the existing 36-inch exfiltration trench, manholes and inlets along NW 6th Court be replaced with a new 42-inch exfiltration trench, manholes and inlets.

Mathews Consulting is currently providing engineering design, permitting, bidding, public relations, and construction administration services for this project. This project is currently in the Bidding Stage. The 100% estimated construction cost opinion is \$3,066,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Mathews Consulting, a Baxter & Woodman Company	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Prime Consultant
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

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION <i>(City and State)</i> Lakeshore Drive Drainage System Design Lake Park, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If applicable)</i>	

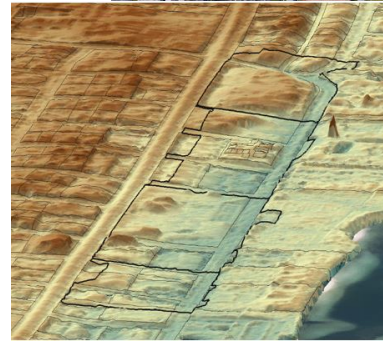
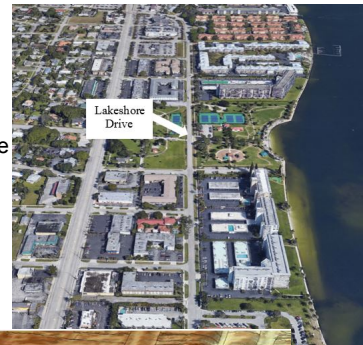
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Town of Lake Park	b. POINT OF CONTACT NAME Richard Scherle	c. POINT OF CONTACT TELEPHONE NUMBER 561-881-3304
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The Town of Lake Park contracted with Mathews Consulting (MC) to provide engineering services for the design of drainage and other related improvements on Lakeshore Drive starting from the entrance of the Lake Park Marina north 3,220 feet to Castlewood Drive. Lake Shore Drive is prone to frequent flooding with road elevations ranging from 2.0 to 3.2 feet, NAVD. A drainage system was previously designed and a permit was issued by the South Florida Water Management District in 2011 which expired in 2016. Concerns over the Sea Level Rise (SLR) prompted the Town to enlist the services of MC, to redesign the project. Services include:

- Survey
- Drainage System Design
 - o ICPR4 Modeling
 - o Level of Service Assessment
 - o Sea Level Rise Evaluation
 - o Pipe and Pump Station Sizing
 - o Water Quality Improvements
 - Pollution Control Device
 - Dry Detention in Park
- Other Utilities
 - o Coordination with Seacoast Utilities
 - o Watermain and Sanitary Evaluation
- Roadway Design
 - o Roadway Replacement/Mill and Overlay
 - o US 1 Corridor Coordination
 - o Sidewalks and Bike Paths
 - o Landscaping and Irrigation
 - o Lighting
- Permitting
 - o ERP and Dewatering - SFWMD
 - o Submerged Lands - COE
 - o PBCHD
 - o Building Department
- Public Outreach
- Construction Services



FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	FIRM NAME Mathews Consulting, a Baxter & Woodman Company	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, Florida	(3) ROLE Prime Consultant
b.		(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

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3				
21. TITLE AND LOCATION <i>(City and State)</i> North & South Roads Drainage Improvements Boynton Beach, 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>2018</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2016	2018
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2016	2018					

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Boynton Beach	b. POINT OF CONTACT NAME Christopher Roschek, PE	c. POINT OF CONTACT TELEPHONE NUMBER 561-742-6413
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Mathews Consulting provided design engineering and construction services for the 11.6 acre area extending from US Highway 1 to the Intracoastal Waterway, between North Road and South Road in the City of Boynton Beach. The overall project area consisted of existing single-family residential neighborhoods.

Stormwater runoff from the project area ponds in low lying areas and overflows into the adjacent Intracoastal Waterway via overland flow and direct culvert discharge.

The surface water management system serving the 11.6 acre area consists of inlets and culverts that convey runoff to gravity sewers discharging into the Intracoastal Waterway via 36-inch diameter culverts.

The work included design, bidding, and construction services for drainage and paving improvements.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Mathews Consulting, a Baxter & Woodman Company	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, Florida	(3) ROLE Prime Consultant
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

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4		
21. TITLE AND LOCATION (City and State) 108th Terrace Improvements, Tamarac, FL	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2013</td> <td>CONSTRUCTION (if applicable) 2014</td> </tr> </table>		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2014
PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2014			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Tamarac	b. POINT OF CONTACT NAME John Doherty, PE	c. POINT OF CONTACT TELEPHONE NUMBER (954) 597-3706		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>				

The City contracted with Mathews Consulting (MC) to provide engineering design, bidding and construction administration services for the 108th Terrace Drainage Improvements project. The existing four-lane, median divided City roadway is approximately 1.8 miles long and extends from McNab Road to Nob Hill Road in the City of Tamarac. The asphalt on the roadway showed signs of becoming delaminated from the baserock along a majority of the roadway, especially near the center median. Based upon field testing by the City, the problem appeared to be runoff from the grassed median seeping from behind the curb into the baserock and under the asphalt. The City contracted with MC to prepare the design drawings, specifications and permit application for the drainage and paving improvements. Cold In Place Recycle Method was used for the pavement mill and overlay.

Pavement Replacement Work Included:

- Review and provided recommendations for the use of a mill and recycled asphalted material option for the asphalt replacement on the adjacent roadway.
- Prepared a pavement marking plan for replacement "in kind" of markings.

Drainage Improvement Work Included:

- Drainage improvements within each center median with a positive outfall connection to the nearest existing drainage system.
- Reviewed the pilot study design and operation and prepare a letter memorandum of findings and recommendation.
- The proposed drainage system shall consist of perforated PE drainage pipe connected to PE drainage basins.



Construction of both contracts were completed in December 2014. Value of improvements: \$1,714,505

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Mathews Consulting, a Baxter & Woodman Company	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
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

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION (City and State) Neighborhood Road Program Project 4 D2, Lake Worth, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (if applicable)	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Lake Worth	b. POINT OF CONTACT NAME Julie Parham, PE	c. POINT OF CONTACT TELEPHONE NUMBER (561) 586-1798
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

The City of Lake Worth selected Mathews Consulting to provide Construction Engineering Services for the City of Lake Worth Neighborhood Road Program, District 1, Year 1 - Project 4 Improvements.

The project consists of the construction of various roadway, potable water and sanitary sewer improvements in the northwest quadrant of the city including design to address spot drainage problems, provide ADA compliant sidewalks and roadway crossings, replacement of broken curb and driveway apron sections, review of the existing roadway pavement condition and recommend improvements for mill & overlay or full reconstruction, traffic calming study and design, and signage and pavement markings.

The construction services include the following tasks:

- Project Coordination
- Construction Administration Services
- Construction Inspections

The project is currently under construction. The project was bid with a construction cost of \$4,339,630.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Mathews Consulting, a Baxter & Woodman Company	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime Consultant
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

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION <i>(City and State)</i> Osceola Park and SW 4th Street Neighborhood Projects Delray Beach, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2017-Present CONSTRUCTION <i>(If applicable)</i>	

23. PROJECT OWNER'S INFORMATION

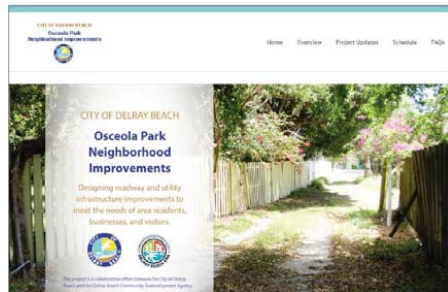
a. PROJECT OWNER City of Delray Beach	b. POINT OF CONTACT NAME Missie Barletto	c. POINT OF CONTACT TELEPHONE NUMBER 561-243-7000 ext. 4104
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project includes the design, permitting and bidding support for two residential neighborhood projects in Delray Beach. Important project components include:

- Roadway resurfacing and reconstruction (5.5 miles)
- New, permeable alleyways (2.2 miles)
- Infrastructure analysis and design including potable water, wastewater and drainage improvements
- Parkway and driveway apron upgrades
- Sidewalk extensions and repairs including ADA upgrades
- LED lighting improvements
- Coordination of public outreach, incorporating over 1,300 parcels, including two project websites: www.osceolaparkproject.com and www.sw4thstreet.com
- Supporting the City's installation of multiple traffic calming "pilot" projects to measure results, seek resident input, and develop a local tool box for future implementation

This project is currently in the design phase. Construction is estimated to take place in 2019.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Mathews Consulting, a Baxter & Woodman Company	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Prime Consultant
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

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 7		
21. TITLE AND LOCATION (City and State) River Oaks/Little Oaks Sewer System Loxahatchee River District, Florida	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2014</td> <td>CONSTRUCTION (If applicable) 2016</td> </tr> </table>		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2016
PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2016			

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Loxahatchee River District	b. POINT OF CONTACT NAME Clint Yerkes	c. POINT OF CONTACT TELEPHONE NUMBER 561-747-5700
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The Loxahatchee River Environmental Control District (District) has identified River Oaks and Little Oaks as part of an assessment program that will provide sanitary sewer services for that area. The project will consist of providing the River Oaks and Little Oaks residential neighborhood with a conventional gravity sewer system that will collect the wastewater and convey it to a new lift station. It is anticipated that approximately 78 residential units will be sewered under this project. The District contracted with Mathews Consulting (MC) for data collection, engineering design services, public participation, permitting, bidding services and construction administration and inspection.

The design elements are assumed to include the following:

- One (1) new submersible lift station. The work will include installing a new wet-well, pump components, piping, valve box, valving, and control panel.
- Electrical design shall be provided for the lift station. This shall include coordination with FPL service planner in providing service to the lift station location.
- Approximately 2,650 LF of 3-inch force main.
- Approximately 4,800 LF of 8-inch sanitary sewer, manholes, and service laterals in the Assessment area.
- Reconstruction/resurfacing of roadways as required. The cul-de-sacs will be milled and resurfaced only.

The project was bid in June 2015 with a construction cost of \$1,548,615.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME a. Mathews Consulting, a Baxter & Woodman Company	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Prime
(1) FIRM NAME b.	(2) FIRM LOCATION (City and State)	(3) ROLE
(1) FIRM NAME c.	(2) FIRM LOCATION (City and State)	(3) ROLE
(1) FIRM NAME d.	(2) FIRM LOCATION (City and State)	(3) ROLE
(1) FIRM NAME e.	(2) FIRM LOCATION (City and State)	(3) ROLE
(1) FIRM NAME f.	(2) FIRM LOCATION (City and State)	(3) ROLE

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 8
21. TITLE AND LOCATION <i>(City and State)</i> Tamarac Lakes South Water Main Improvements Tamarac, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Tamarac	b. POINT OF CONTACT NAME John E. Doherty, PE	c. POINT OF CONTACT TELEPHONE NUMBER 954-597-3706
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*
 The City of Tamarac's existing water mains (2" thru 6") are undersized and have reached the end of their useful life. Also, some of the water mains are located in the back of the properties. The City contracted with Mathews Consulting for engineering design, permitting and bidding for the proposed water main improvements. The specific project components were as follows:

- 8" PVC C900 (DR18) Piping (approx. 11,600 LF) will be installed in the pavement w/ trench repair.
- The City roadways will be 1" milled & resurfaced (1" of S-3).
- Fire Hydrants will be replaced as required (300 ft. radius spacing for FH).
- Gate valves will be located a maximum of 1,500 ft.
- All water services (single and double) will be located in front of the properties. All existing backyard water services will be transferred to the front of the property.
- The City will provide the Contractor with the meter box and meter.
- Decommission existing 4" & 6" water mains (grout). Water mains less than 4" will be abandoned in place (cut and cap).
- Connect to existing water mains within the project area.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME a. Mathews Consulting, A Baxter & Woodman Company	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Prime Consultant
(1) FIRM NAME b.	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
(1) FIRM NAME c.	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
(1) FIRM NAME d.	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
(1) FIRM NAME e.	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
(1) FIRM NAME f.	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 9
21. TITLE AND LOCATION <i>(City and State)</i> Lift Stations 20, 26, 89 and 100 Rehabilitations West Palm Beach, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES 2015	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of West Palm Beach	b. POINT OF CONTACT NAME Luis Perez	c. POINT OF CONTACT TELEPHONE NUMBER 561-494-1071
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The City of West Palm Beach (City) selected Mathews Consulting (Consultant) to perform engineering design services for the rehabilitation of Lift Stations 20, 26, 89 and 100. The City requested a design of certain mechanical and electrical upgrades to the lift stations. A summary of desired improvements is listed below:

LS 20:

- Typ. of 4 Pumps (30 Hp): Replace pump discharge piping and valves. Add ARV and Emergency Pump Out Connection.
- Clean wetwell and apply new Spectrashield coating.
- New transformer, emergency generator and ATS. Existing MCC/control panel to stay.

LS 26:

- Construct new wetwell adjacent to existing, make deeper to increase storage volume.
- Typ. of 3 pumps (14 Hp): Provide new HDPE riser pipes, hatches and discharge piping, including new above grade DIP check valves and plug valves.
- Add ARV and Emergency Pump Out Connection.
- New transformer, emergency generator and ATS. New MCC, Control Panel and VFDs.

LS 89:

- Typ. of 3 pumps (20 Hp): Replace pump discharge piping and valves. Add ARV, Emergency Pump Out Connection, and Pipe Supports. Provide two (2) new drop pipes and drop bowls on influent lines.
- Provide new wetwell coating and new coating (Spectrashield) for terminal manhole.
- Provide new Emergency Generator, VFDs, ATS, and Control Panel.

LS 100:

- Clean and paint valve vault and vault piping.
- Replace main breaker with NEMA 4X with sunshield.
- Add diesel pump backup, bypass piping & valves.
- Provide electrical connections for new diesel backup pump.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Mathews Consulting, a Baxter & Woodman Company	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, Florida	(3) ROLE Prime Consultant
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

STANDARD FORM 330 (REV. 8/2016) PAGE 3

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 10				
21. TITLE AND LOCATION <i>(City and State)</i> Ruby Street Intersection & Traffic Signal Improvements Franklin Park, Illinois	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td>2015</td> <td>2017</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2015	2017
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2015	2017					

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Village of Franklin Park	b. POINT OF CONTACT NAME Smith Lasalle	c. POINT OF CONTACT TELEPHONE NUMBER 847-671-4800
--	---	--

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

Provided design and construction engineering services for the development of the plans, specifications and cost estimate for the construction of the traffic signal/railroad signal interconnection and roadway improvements along Ruby Street from Franklin Avenue to Pacific Avenue. During the design, the Village of Franklin Park decided to enhance safety in the project area and reduce the 5 legged intersection at Ruby Street/Pacific Avenue/Gage Avenue to 4 legs by closing Gage Avenue. The existing traffic signals were removed and replaced by a four-way stop. Gage Avenue was terminated short of Ruby Street with a hammerhead dead end. The Ruby Street corridor was modeled utilizing Synchro software to determine the queue lengths generated by the installation of the Pacific Avenue stop signs and interconnection of the Franklin Avenue signals with the railroad signal system. Impacts to the corridor between Franklin Avenue and Pacific Avenue, including the Metra Railroad crossing, were studied to verify that queues would not back up over the railroad tracks. The remaining improvements included:

- removal of existing traffic signal heads;
- installation of new LED signals;
- installation of accessible pedestrian signals;
- removal of the existing traffic signal controller and cabinet, and replacement with the latest controller and cabinet equipment including traffic and railroad signal pre-emption and battery back-up;
- loop detector installation and replacement;
- installation of the traffic signal and railroad/emergency vehicle pre-emption sequence of operations;
- intersection re-channelization; and
- interconnection of the intersection traffic signal controller with the railroad signal controller.

Assisted the Village with obtaining funding for this \$2.4 million project from various sources including STP, MFT, local, and IDOT.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Mathews Consulting, a Baxter & Woodman Company	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, Florida	(3) ROLE Prime Consultant
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

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H. ADDITIONAL INFORMATION

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

Mathews Consulting, a Baxter & Woodman company, specializes in consulting engineering and technology services to municipalities, state agencies, county governments, and sanitary districts. With this public sector focus, we have developed the staff, resources and training to provide the full range of engineering and technology services required by today's municipalities and public agencies.



Clients receive planning, design, construction, and operation/maintenance services for a variety of projects including transportation, wastewater, water, stormwater, GIS, operations, IT consulting and SCADA technology, and general municipal public works.

The firm's work force totals 248 talented individuals made up of sanitary, civil, transportation, mechanical, structural, electrical, computer, and environmental engineers. The engineering staff is supported by trained technicians, licensed water and wastewater operators, licensed electricians, registered surveyors, GIS/GPS analysts, CAD operators, construction inspectors, and administrative assistants.

The firm is headquartered in Crystal Lake, Illinois. Regional offices are located in:

West Palm Beach, FL	Chicago, IL	Burlington, WI
Fort Lauderdale, FL	Mokena, IL	Madison, WI
Key West, FL	DeKalb, IL	Milwaukee, WI



CITY OF PEMBROKE PINES

Professional Service Providers (Arch, Eng, Survey & Mapping) • 180804.10



Mathews Consulting, a Baxter & Woodman Company, provides engineering and consulting services to municipal, county, and state government agencies. Our team offers expert services that stretch well beyond typical engineering consulting. We are committed to **BUILDING COMMUNITY VALUE** with each and every project we complete.



Our approach...

FIND & FUND

We find funding to build your needed improvements.

CONNECT & COMMUNICATE

We build strong relationships and connect with your community.

SAFE & SECURE

We keep you safe and secure. Count on us for reliable and responsive service.

Our expertise...

WASTEWATER

Facilities Planning
Sanitary Sewer Evaluation & Rehabilitation
Conveyance & Treatment Operations
Pretreatment Programs
Reclaimed Water

TRANSPORTATION

Pavement Management Reports
Intersection Design Studies
Traffic Signal & Street Lighting Streetscape
Bicycle/Pedestrian Paths
MFT Programs
MAP-21 Study, Design & Construction
Bridge Engineering

GIS

Asset Management
Development/Training
Mapping
Data Collection/Conversion

TECHNOLOGY

SCADA/Controls
Municipal IT
Security

WATER RESOURCES

Master Planning & Modeling
Drainage Studies
Detention & Retention Basin
Storm Sewer Systems
Erosion Control
Groundwater Monitoring & Studies
LUST Investigations
Phase I & II Site Investigation
Wetlands Delineation

CONSTRUCTION

Contract Documentation
Budget Control
Contract Administration
Grant/Funding Documentation
Construction Observation
Field Staking/Layout
Contractor Payment Requests
Change Orders
Shop Drawing Reviews
Record Drawings
Warranty Work
Operation & Maintenance Manuals
Wastewater Treatment Plants
Water Treatment Plants

GENERAL MUNICIPAL

Grant & Loan Funding
Plan Reviews
Comprehensive Land Use Plans
Capital Improvement Plans
Park/Recreational Development
Public Relations

WATER

Master Planning
Rate Studies
Supply, Treatment, & Distribution

SURVEY

Field Staking/Layout
Topography/ROW Surveying
Aerial/Drone Surveys
Title & Legal Descriptions
Underground/Above Ground Utility Identification
Property Line Surveying
FEMA Floodplain Beach Surveying/Mapping

PERMITTING

Multiple Agency Coordination
Broward and Monroe Counties
Florida Dept. of Transportation
Florida Keys Aqueduct Authority



MATHEWS CONSULTING
a **BAXTER & WOODMAN** company

www.baxterwoodman.com

TRANSPORTATION SERVICES

Baxter & Woodman's transportation projects focus on environmental awareness, cost-effective solutions, and sensitivity to community issues. From shared use bike/pedestrian paths to roundabout designs to multiple-lane highway reconstruction projects, we help clients meet their individual project goals. We assume a proactive approach to each project and routinely prepare funding applications for state and federal monies. Our transportation projects are in compliance with state DOT regulations and compatible with various funding sources.

Our transportation project experience includes:

Planning

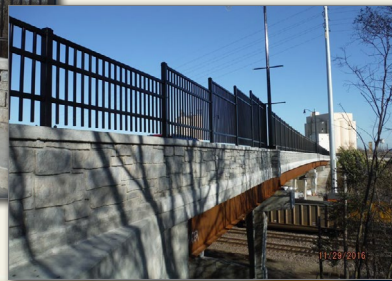
- Intersection Design Studies
- Pavement Management Reports
- Traffic Studies
- Capital Improvement Plans
- Loan/Grant Applications
- Wetland Mitigation
- Federal Phase I Studies
- Transportation/Corridor Plans

Construction Management

- Full and Part Time Inspection
- Surveying and Staking
- Contractor Pay Request Verification
- Social Media Project Management
- Federal Phase III Construction
- Public Relations Campaigns

Design

- Streetscape & Roadside Beautification
- Street Lighting
- Bicycle Paths & Sidewalk Installation
- Complete Street Reconstruction
- Program Management Services
- Highways/Freeways
- Intersection Capacity Improvements
- Public Involvement/Consensus
- Building
- Pavement Recycling
- Roadway Widening & Resurfacing
- Traffic Signal Installation/Roundabouts
- Sustainable Street & Parking Lot Design
- Bridges, Culverts & Retaining Walls
- Preparation of Right-of-Way Plats
- Storm Sewers and Drainage Design
- Traffic Control/Pavement Marking
- Federal Phase II Plan Preparation



MATHEWS CONSULTING
a **BAXTER & WOODMAN** company

www.baxterwoodman.com

WATER SERVICES

The Baxter & Woodman water group is committed to protecting and preserving the water supply. Staffed by recognized experts in the field of water supply, treatment, and source protection, the water group specializes in long-term system planning, design, construction, and operation of water supply, treatment, storage, and distribution systems.

SUPPLY

Water System Modeling with GIS integration
Water System Master Planning
Groundwater Resources Management/
Investigations
Source Water Quality Management
Wellhead Protection
Test Well Drilling Programs
Deep and Shallow Aquifer Water Supply
Wells
Lake Michigan Water Intakes
Pilot Studies
Energy Analysis

TREATMENT

*Safe Drinking Water Act Compliance
and Aesthetic Improvements with:*
Air Stripping and Aeration
Chemical Coagulation and Flocculation
Sedimentation and Filtration
Ion Exchange and Absorption
Hydrous Manganese Oxide
Biological Filters
Membrane Separation
Chemical Oxidation
Disinfection
Radium and Barium Residuals Management

DISTRIBUTION

Booster Stations
Transmission and Distribution Mains

TRENCHLESS TECHNOLOGIES

Water Main Lining
Directional Drilling
Pipe Bursting

RESERVOIRS AND ELEVATED STORAGE TANKS

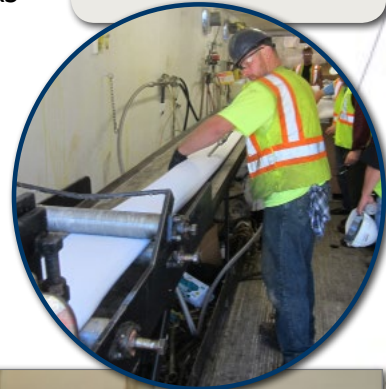
SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEMS

CORROSION CONTROL

SECURITY

Specializing in:

**Finding Funding
Promoting Conservation
Meeting Compliance
Deadlines
Protecting Community
Health**



baxterwoodman.com

WATER RESOURCES

Our water resources department is committed to helping clients effectively manage stormwater, obtain funding for improvements, and incorporate green infrastructure solutions. From developing comprehensive master drainage plans to designing and planning individual drainage projects, our solutions maximize flood control and enhance water quality...protecting water resources for future generations.



Effective drainage and flood control are important for promoting a sound ecosystem.

PLANNING

- Drainage Studies
- Hydrologic and Hydraulic Modeling
- Water Quality Modeling
- Comprehensive Stormwater Master Planning
- Stormwater Utilities
- Grant Writing and Funding Application Assistance

DESIGN

- Detention and Infiltration Basins
- Storm Sewer Systems
- Wetland Delineation, Restoration, Enhancement, and Mitigation
- Streambank and Shoreline Stabilization
- Green Infrastructure and Best Management Practices
- Soil Erosion and Sediment Control



REGULATORY ASSISTANCE

- USACE, DNR, EPA Permitting
- NPDES/WPDES, TMDL, NFIP, and CRS Compliance
- Ordinance Development, Revision, and Enforcement
- Permit Application Review
- Floodplain Map Revision



StormTrap storage vault in Wescott Park, Northbrook. The nation's largest StormTrap system.



baxterwoodman.com

SURVEY SERVICES

Mathews Consulting, a Baxter & Woodman company, implements the most innovative technological advances in the survey profession through the use of survey grade RTK GPS units; robotics; digital levels; high definition survey (HDS) laser scanning; GIS integration; Unmanned Aerial Systems (UAV) and today's best software.

Mathews's survey crews are highly trained in the use of the Global Navigation Satellite System (GNSS) as a tool to establish horizontal and vertical datums. Understanding GNSS and its limitations are key for the success of any project, and Mathews is a leader in the use of this technology. Digital levels are used for transferring vertical data on all control points providing high accuracy. Robotic total stations with data collectors are used to collect measurements. Our survey department uses attribute libraries within the data collector to enhance the descriptions of collected points. The library can be customized to meet your needs.

SURVEY EXPERTISE

- Residential and Commercial Plats of Survey
- Boundary Surveys
- ALTA/NSPS Land Title Surveys (previously ALTA/ACSM)
- Hydrographic Surveys/Bathymetric (Underwater Depth Contour)
- Right-of-Way Surveys
- Construction Layout Services
- As-Built Surveys
- Dedication Plats
- Easement Preparation
- Condominium Surveys
- Legal Descriptions
- FEMA Elevation Certificates
- Geographic Information System (GIS)



SURVEY MANAGER



Thomas English, PSM, PLS

Tom has over 35 years of experience, including management of survey services for residential/commercial site development, roadway widening and reconstruction, and various other projects. He is a professional surveyor and mapper in the state of Florida, as well as five other states.

- ALTA, title, topographic, and boundary surveys,
- Generic utility locating and GIS mapping,
- Residential subdivision and transportation route analysis, and
- Construction stakeout and as-built survey.



www.baxterwoodman.com

Mathews Consulting has extensive engineering consulting experience for projects ranging from \$100,000 to \$30 million in construction value. We are experienced in all facets of reclaimed water, roadway, streetscape, water mains, sanitary sewers, drainage and neighborhood improvement projects for municipalities, including conceptual design, permitting, detailed design, cost estimates, bidding assistance, construction management & inspections and final certifications. We have been providing engineering consulting services as a Prime Consultant similar to the work in this contract to the City of Lake Worth, City of Pompano Beach, Town of Lauderdale-by-the-Sea, City of Delray Beach, City of Tamarac, City of Boca Raton, Town of Gulf Stream, Town of Highland Beach, City of West Palm Beach, Palm Beach County Water Utilities, Loxahatchee River District, Town of Lantana, City of Lake Worth, City of Boynton Beach, and Florida Keys Aqueduct Authority.

Our average continuing contract timeframe is over 10 years. We encourage you to contact our references to hear firsthand about the excellent quality of our services:

Reference	Reference
Water & Wastewater	
City of Delray Beach Victor Majtenyi, Deputy Director of Utilities 434 South Swinton Ave. Delray Beach, FL 33444 561-243-7328 Majtenyi@mydelraybeach.com	Loxahatchee River District Mr. Clint Yerkes, Deputy Director 2500 Jupiter Park Dr. Jupiter, FL 33458 561-747-5700 clint@loxahatcheeriver.org
City of Lake Worth Julie Parham, PE 301 College Street Lake Worth, FL 33461 561-586-1798	Mr. Jerry Darr, Assistant Utilities Director Town of Lantana 510 W. Pine St Lantana, FL 33462 561-540-5758 jdarr@lantana.org
Laura Le, PE, Sr. Project Engineer City of West Palm Beach 401 Clematis St. West Palm Beach, FL 33401 561-494-1040 lle@wpb.org	City of Tamarac John Doherty, PE, Asst. Dir. of Public Works 6011 Nob Hill Road Tamarac, FL 33321 954-597-3750 johnd@tamarac.org

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Roadway & Drainage	
<p>City of Lake Worth – Public Services Dept. Felipe Lofaso Assistant Director, Public Services Department 1749 3rd Avenue South Lake Worth, FL 33460 561-586-1720 flofaso@lakeworth.org</p>	<p>Tammy Good Project Manager City of Pompano Beach, Engineering 1201 NE 5th Ave. Pompano Beach, FL 33060 954-786-5512</p>
<p>City of Tamarac John Doherty, PE, Asst. Dir. of Public Works 6011 Nob Hill Road Tamarac, FL 33321 954-597-3750 johnd@tamarac.org</p>	<p>Town of Lauderdale-By-The-Sea Don Prince, Municipal Services Director 4501 N. Ocean Drive Lauderdale-by-the-Sea, FL 33308 954-640-4232 donp@LBTS-FL.gov</p>
General Municipal Services, Water, Wastewater, Roads & Drainage	General Municipal Services, Water Roads & Drainage
<p>Town of Lantana Deborah Manzo, Town Manager 500 Greynolds Cir Lantana, FL 33462 561-540-5000</p>	<p>Town of Gulf Stream Greg Dunham, MPA, Town Manager 100 Sea Road Gulf Stream, FL 33483 561-276-5116 gdunham@gulf-stream.org</p>
Traffic Signals, Operations & Traffic Studies	
<p>City of Delray Beach Timothy Stillings, AICP, Director of Planning & Zoning 100 NW 1st Avenue Delray Beach, FL 33444 561-243-7040</p>	<p>Village of Franklin Park David L. Talbott, Village Engineer 9500 Belmont Avenue Franklin Park, IL 60131 847-671-8304 dtalbott@smithlasalle.com</p>
<p>Village of Plainfield Allen Persons, Director of Public Works 24401 W. Lockport St. Plainfield, IL 815-436-3577 apersons@goplainfield.com</p>	<p>Village of Glenview Water & Sewer: Jerome Burke, Director of Public Works 2500 E. Lake Avenue Glenview, IL 60025 847-904-4525 jburke@glenview.il.us Roads & Traffic: Jeffrey G. Brady, Director of Community Development 2500 E. Lake Avenue Glenview, IL 60025 847-904-4306 jeffb@glenview.il.us</p>
<p>Village of South Elgin Richard Gallas, Director of Public Works 10 N. Water Street South Elgin, IL 60177 847-695-2742 rgallas@southelgin.com</p>	

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Land Surveying Services	
FICE Design Engineer and Consulting James Burphy, PE 488 North Federal Highway Boynton Beach, FL 33435 561-278-9969	Bock & Clark Ann Csomor, Survey Project Manager 3550 W. Market Street, Suite 200 Akron, OH 44333 800-787-8397
MGM Contracting Tom McCormack, Director of Preconstruction 1500 W. Cypress Creek Rd., Suite 415 Ft. Lauderdale, FL 33309 954-532-9620	Lyle Munce Carollo Engineers 2056 Vista Pkwy, West Palm Beach, FL 33411 (561) 868-6400
Florida Design Drilling Corporation Jeffrey Holst 7733 Hooper Rd West Palm Beach, FL 33411 561-845-1233	

We encourage you to contact the above references to obtain their assessment of the quality of our services and satisfaction with our work.

Laura Le, PE, Public Utilities
City of West Palm Beach
Re: Various Engineering Services as part of
Continuing Services Contract

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Felipe Lofaso, Asst. Dir. of Public Services
City of Lake Worth
Re: Various Engineering Services as part of
Continuing Services Contract

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Baxter & Woodman advocates for a sustainable future and educates our staff and clients, innovates processes, and integrates solutions that provide a responsible balance of economic, environmental, operations, and social value.

Sustainability impacts every element of engineering design. From green materials selection to energy and resources efficient infrastructure facilities, sustainability practices are now the standard, not the exception. Baxter & Woodman has certified LEED engineers and Envision Sustainability Professionals certified by the Institute for Sustainable Infrastructure on-staff and provides clients with engineering solutions that are cost-effective, innovative and functional. A sustainable approach brings inherent long-term value to projects including improvements to environmental quality, aesthetics and overall quality of life. Our goal to bring sustainability to your projects includes these representative services:

General

- “Green” Ordinance Writing
- Energy Efficient and Adaptive Lighting
- Environmental Site Assessment & Brownfield Redevelopment
- Low-Impact Trenchless Construction and Rehabilitation

Water & Wastewater

- Perform Energy Efficiency Reviews
- Energy-Efficient Process Design
- Aeration Improvements to Reduce Energy
- Energy Audits
- Life-Cycle Analysis
- Water Conservation Studies and Planning
- Water Reuse for In-Plant Use, Public Distribution and Irrigation
- Biogas-to-Energy
- Co-Digestion of Fats, Oils, and Greases

Transportation & Stormwater

- Erosion and Sediment Control
- Stormwater Best Management Practices
- Rain Gardens and Native Plants
- Permeable Pavement

Green Parking Lot with permeable brick pavers for stormwater infiltration, trees to reduce urban heat island effect, and combined sewer separation.



SIMILAR PROJECTS

Founded in Illinois with firm roots in municipal engineering, our parent company, Baxter & Woodman, Inc., has been serving municipalities in the Midwest for 73 years. Mathews Consulting, was founded in West Palm Beach and has been serving municipalities in Southern Florida for 20 years. We currently hold over 20 local, multi-year engineering services contracts for the communities listed below, followed by relevant project examples from nearby communities of similar size and/or infrastructure.

COMMUNITY	CONTRACT (Prime)	DATE
<i>City of Boca Raton</i>	<i>General Water, WW, Reclaimed Water Consultant</i>	<i>2000-2021</i>
<i>City of Delray Beach</i>	<i>General Engineering & Construction Management</i>	<i>1999- 2022</i>
<i>Town of Lauderdale-By-The-Sea</i>	<i>Professional Services for Municipal Construction, Repair & Maintenance Projects</i>	<i>2011-2022</i>
<i>City of Lake Worth</i>	<i>Continuing Contract for Professional Services</i>	<i>2014- 2022</i>
<i>City of Pompano Beach</i>	<i>General Water & Reclaimed Water Treatment & General Civil</i>	<i>2010- 2020</i>
<i>City of Tamarac</i>	<i>General Engineering</i>	<i>2001-2021</i>
<i>City of West Palm Beach</i>	<i>General Engineering & Construction Management</i>	<i>2014-2019</i>
	<i>Professional Engineering and Consulting Services for Small Projects for the East Central Regional Wastewater Treatment Facility</i>	<i>2012-2022</i>
Florida Keys Aqueduct Authority	General Engineering Services	2006-N/A
Florida Keys Aqueduct Authority	CIP Engineering Services	2006-N/A
City of Delray Beach CRA	General Engineering	2016-2020
Town of Highland Beach	General Engineering	2016-2024
Town of Lantana	General Engineering	2001-2021
Loxahatchee River Env. Control District	Continuing Engineering Contract – Wastewater Collections including Construction Management and Inspections	2001-2020
Palm Beach County Water Utilities Department	General Engineering & Construction Management/ Inspection	2002-2020
City of Lauderhill	Miscellaneous Professional Services	2017-2020
City of Marathon	Continuing Engineering Services Agreement	2017-2022
Martin County	Engineering Services Related to Utilities and Solid Waste	2017-2022
City of Pompano Beach CRA	General Engineering	2015-2020
City of Riviera Beach	General Engineering	2015-2020
Solid Waste Authority of PBC	General Engineering Services for Water/Wastewater and Electrical Utility Systems	2017-N/A

CITY OF POMPANO BEACH, FLORIDA

ESQUIRE LAKE DRAINAGE PDR

The City of Pompano Beach is implementing projects associated with the Stormwater Master Plan as prepared by Chen-Moore & Associates. As part of the Master Plan, Study Area 5 - Esquire Lake neighborhood was identified as an area which experiences roadway flooding for extended periods of time following rainfall events. The neighborhood is located south of Martin Luther King Boulevard and west of Powerline Road. The residential neighborhood contains a lake towards the east side, which collects runoff from all local roadways through gravity stormwater pipes ranging from 12 inches to 36 inches. The lake has a weir type control structure that overflows to the system on Powerline Road.

Mathews Consulting will review the assumptions made and the data in the Stormwater Master Plan as it relates to the Esquire Lake neighborhood; review the improvement recommendations made for pipe size upgrades, for exfiltration trench or some combination of the two; re-run the stormwater modeling utilizing the Stormwater Management Model (SWMM) computer program; provide the results and recommendations to the City for stormwater improvements to the Esquire Lake neighborhood in a preliminary design report.

Mathews Consulting completed the Preliminary Design Report in December 2014 and recommended Alternative 3B since it provides the most overall benefit in terms of roadway flooding reduction for the entire study area. The preliminary construction cost estimate is \$2,161,733.

HIGHLIGHTS:

COMPLETION DATE: 2014

REFERENCE:

Anthony Alhashemi
Project Manager
City of Pompano Beach
1201 N.E. 5th Avenue Pompano
Beach, Florida 33060
(954) 786-4029
(954) 786-4028 (Fax)



www.baxterwoodman.com

TOWN OF LAKE PARK, FLORIDA

LAKESHORE DRIVE DRAINAGE SYSTEM DESIGN

The Town of Lake Park contracted with Mathews Consulting (MC) to provide engineering services for the design of drainage and other related improvements on Lakeshore Drive starting from the entrance of the Lake Park Marina north 3,220 feet to Castlewood Drive. Lake Shore Drive is prone to frequent flooding with road elevations ranging from 2.0 to 3.2 feet, NAVD. A drainage system was previously designed and a permit was issued by the South Florida Water Management District in 2011 which expired in 2016. Concerns over the Sea Level Rise (SLR) prompted the Town to enlist the services of MC, to redesign the project. Services include:

- Survey
- Drainage System Design
 - o ICPR4 Modeling
 - o Level of Service Assessment
 - o Sea Level Rise Evaluation
 - o Pipe and Pump Station Sizing
 - o Water Quality Improvements
 - Pollution Control Device
 - Dry Detention in Park
- Other Utilities
 - o Coordination with Seacoast Utilities
 - o Watermain and Sanitary Evaluation
- Roadway Design
 - o Roadway Replacement/Mill and Overlay
 - o US 1 Corridor Coordination
 - o Sidewalks and Bike Paths
 - o Landscaping and Irrigation
 - o Lighting
- Permitting
 - o ERP and Dewatering - SFWMD
 - o Submerged Lands - COE
 - o PBCHD
 - o Building Department
- Public Outreach
- Construction Services

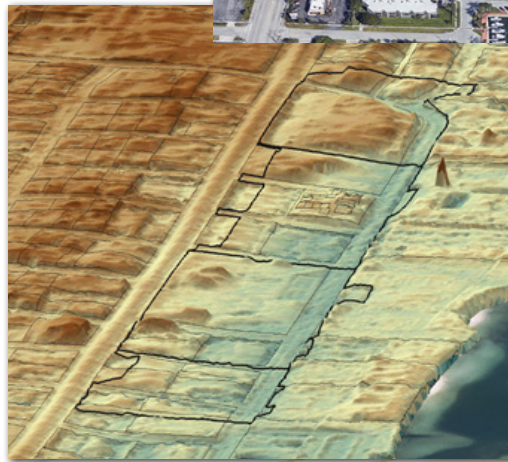
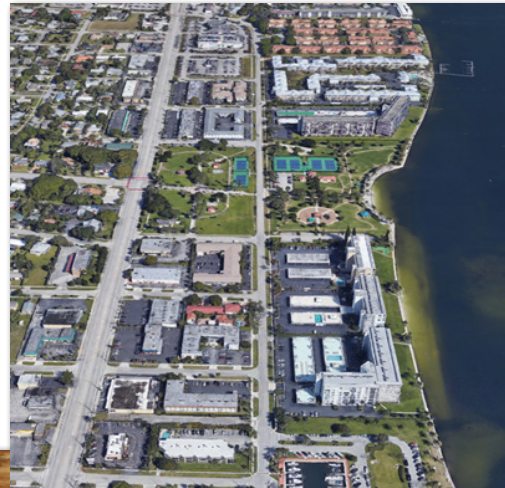


HIGHLIGHTS:

COMPLETED: In Progress

REFERENCE:

Richard Scherle, Dept. of Public Works
535 Park Avenue
Lake Park, FL 33403
(561) 881-3304
(561) 881-3314 (Fax)



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CITY OF BOYNTON BEACH, FL NORTH & SOUTH ROADS DRAINAGE IMPROVEMENTS

Mathews Consulting provided design engineering and construction services for the 11.6 acre area extending from US Highway 1 to the Intracoastal Waterway, between North Road and South Road in the City of Boynton Beach. The overall project area consisted of existing single-family residential neighborhoods.

Stormwater runoff from the project area ponds in low lying areas and overflows into the adjacent Intracoastal Waterway via overland flow and direct culvert discharge.

The surface water management system serving the 11.6 acre area consists of inlets and culverts that convey runoff to gravity sewers discharging into the Intracoastal Waterway via 36-inch diameter culverts.

The work included design, bidding, and construction services for drainage and paving improvements.

HIGHLIGHTS:

SERVICES:

- Drainage Improvements
- Storm Sewer Improvements
- Pavement Improvements
- Agency Coordination
- Progress Meetings

COMPLETED: 2018

CONSTRUCTION COST: \$198K

REFERENCE:

Christopher Roschek
Engineering Division Manager
124 E. Woolbright Road
Boynton Beach, FL 33435
561-742-6413
roschek@bbfl.us



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CITY OF TAMARAC, FLORIDA

108TH TERRACE DRAINAGE AND PAVING IMPROVEMENTS

The City contracted with Mathews Consulting (MC) to provide engineering design, bidding and construction administration services for the 108th Terrace Drainage Improvements project. The existing four-lane, median divided City roadway is approximately 1.8 miles long and extends from McNab Road to Nob Hill Road in the City of Tamarac. The asphalt on the roadway showed signs of becoming delaminated from the baserock along a majority of the roadway, especially near the center median. Based upon field testing by the City, the problem appeared to be runoff from the grassed median seeping from behind the curb into the baserock and under the asphalt. The City contracted with MC to prepare the design drawings, specifications and permit application for the drainage and paving improvements. Cold In Place Recycle Method was used for the pavement mill and overlay.

HIGHLIGHTS:

COMPLETED: December 2014

DRAINAGE CONTRACT: \$535,135

PAVING CONTRACT: \$1,179,370

REFERENCE:

Mr. John Doherty, PE
City of Tamarac
6011 Nob Hill Road
Tamarac, Florida 33321
(954) 597-3706
(954) 597-3710 (Fax)

Drainage Improvement Work Included:

- Drainage improvements within each center median with a positive outfall connection to the nearest existing drainage system.
- Reviewed the pilot study design and operation and prepare a letter memorandum of findings and recommendation.
- The proposed drainage system shall consist of perforated PE drainage pipe connected to PE drainage basins.
- Prepared a Pollution Prevention Plan.

Pavement Replacement Work Included:

- Review and provided recommendations for the use of a mill and recycled asphalted material option for the asphalt replacement on the adjacent roadway.
- Prepared a pavement marking plan for replacement "in kind" of the existing pavement markings.

Construction of both contracts were completed in December 2014.



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CITY OF LAKE WORTH, FLORIDA

40 MILLION DOLLAR NEIGHBORHOOD ROAD PROGRAM - DESIGN AND CONSTRUCTION SERVICES

The City of Lake Worth selected Mathews Consulting, a Baxter & Woodman Company (MC) to provide Engineering Design, Permitting, Bidding Services, and construction management for the City of Lake Worth Neighborhood Road Program, District 2 improvements. The proposed work is for the various utility and roadway mill and overlay or reconstruction; curbing; sidewalk; signing and marking of various roadway sections within the northwestern area of the City.

Scope of work included the following components:

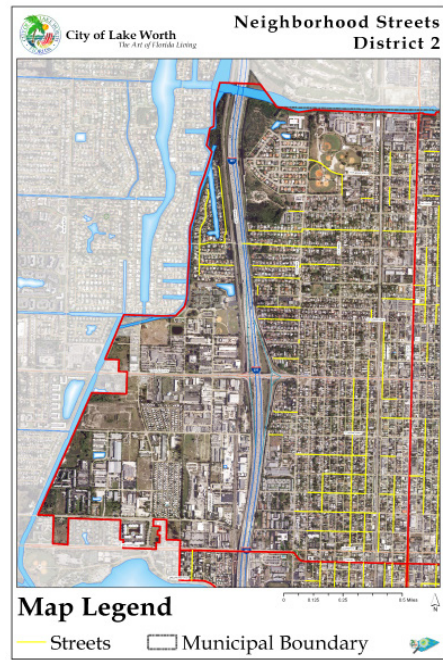
- Reconstruct in conjunction with proposed underground utility improvements or mill and overlay approximately 44,000 linear feet of roadways. Restoration of broken sidewalk, curb, and driveway aprons and address ADA compliance.
- Stormwater improvements as required to address problem areas identified in the Stormwater Master Plan and localized roadway flooding.
- Potable water main improvements including relocation of rear yard water services to the front of the houses.
- Sanitary sewer improvements including sanitary sewer replacement and lining.
- Traffic calming study and improvements as recommended.

HIGHLIGHTS:

COMPLETED: In Progress

REFERENCE:

Felipe A. Lofaso
Assistant Director of Public Services
City of Lake Worth
1749 3rd Avenue South
Lake Worth, FL 33460
(561) 586-1720
flofaso@lakeworth.org



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CITY OF DELRAY BEACH, FLORIDA

OSCEOLA NEIGHBORHOOD IMPROVEMENTS

The City of Delray Beach contracted with Mathews Consulting to improve the roadways within the Osceola Neighborhood including traffic calming (approx. 3.90 miles), alley ways (approx. 1.15 miles of permeable paving), sidewalks, swales, driveways, stormwater system, sanitary sewer system, water mains and decorative street lighting along the 3.90 miles of roadway improvements. The project includes the following streets in the Osceola Park Neighborhood):

- SE 2nd Street from S. Swinton Avenue to SE 5th Avenue
- SE 3rd Street from S. Swinton Avenue to SE 5th Avenue
- SE 4th Street from S. Swinton Avenue to SE 5th Avenue
- SE 5th Street from Street End to SE 5th Avenue
- SE 6th Street from Street End to SE 5th Avenue
- SE 7th Street from SE 2nd Avenue to SE 5th Avenue
- SE 8th Avenue from SE 1st Avenue to SE 5th Avenue
- SE 9th Avenue from SE 1st Avenue to SE 5th Avenue
- SE 1st Avenue from SE 2nd Street to SE 4th Street
- SE 1st Avenue from SE 8th Street to SE 9th Street
- SE 2nd Avenue from SE 6th Street to SE 10th Street
- SE 3rd Avenue from SE 2nd Street to SE 10th Street
- SE 4th Avenue from SE 2nd Street to SE 10th Street
- 13 Alley-Ways within the project area to be Paved (Permeable Paving) or re-paved

The project is currently in the preliminary design phase.

HIGHLIGHTS:

In Progress

REFERENCE:

Missie Barletto
Deputy Director Program & Project
Management
City of Delray Beach
434 S. Swinton Avenue
Delray Beach, Florida 33444
(561) 243-7300
(561) 243-7060 (Fax)



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LOXAHATCHEE RIVER DISTRICT, FLORIDA

RIVER OAKS/LITTLE OAKS SEWER SYSTEM

The Loxahatchee River Environmental Control District (District) has identified River Oaks and Little Oaks as part of an assessment program that will provide sanitary sewer services for that area. The project will consist of providing the River Oaks and Little Oaks residential neighborhood with a conventional gravity sewer system that will collect the wastewater and convey it to a new lift station. It is anticipated that approximately 78 residential units will be sewered under this project.

The District contracted with Mathews Consulting (MC) for data collection, engineering design services, public participation, permitting, bidding services and construction administration and inspection.

The design elements are assumed to include the following:

- One (1) new submersible lift station. The work will include installing a new wet-well, pump components, piping, valve box, valving, and control panel.
- Electrical design shall be provided for the lift station. This shall include coordination with FPL service planner in providing service to the lift station location.
- Approximately 2,650 LF of 3-inch force main.
- Approximately 4,800 LF of 8-inch sanitary sewer, manholes, and service laterals in the Assessment area.
- Reconstruction/resurfacing of roadways as required. The cul-de-sacs will be milled and resurfaced only.

The project was bid in June 2015 with a construction cost of \$1,548,615. The project is currently being constructed.

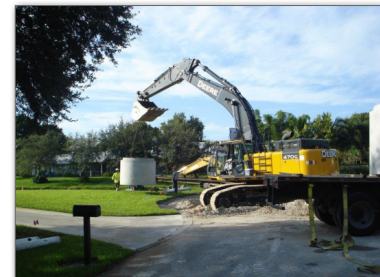
HIGHLIGHTS:

KEY PERSONNEL: Dave Mathews, Aaron Cutler, Jason Pugsley

CONTRACT VALUE: \$279,931
CHANGE ORDERS: 1/ -\$38,493
FINAL COST (Eng + Con): \$1,790,052

REFERENCE:

Mr. Clint Yerkes, Deputy Director
 Loxahatchee River District
 2500 Jupiter Park Drive
 Jupiter, Florida 33458
 (561) 747-5700
 (561) 747-5709 (Fax)



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CITY OF TAMARAC, FLORIDA

TAMARAC LAKES SOUTH WATER MAIN IMPROVEMENTS

The City of Tamarac's existing water mains (2" thru 6") are undersized and have reached the end of their useful life. Also, some of the water mains are located in the back of the properties. The City contracted with Mathews Consulting for engineering design, permitting and bidding for the proposed water main improvements. The specific project components were as follows:

- 8" PVC C900 (DR18) Piping (approx. 11,600 LF) will be installed in the pavement w/ trench repair.
- The City roadways will be 1" milled & resurfaced (1" of S-3).
- Fire Hydrants will be replaced as required (300 ft. radius spacing for FH).
- Gate valves will be located a maximum of 1,500 ft.
- All water services (single and double) will be located in front of the properties. All existing backyard water services will be transferred to the front of the property.
- The City will provide the Contractor with the meter box and meter.
- Decommission existing 4" & 6" water mains (grout). Water mains less than 4" will be abandoned in place (cut and cap).
- Connect to existing water mains within the project area.

HIGHLIGHTS:

COMPLETED: In Progress

REFERENCE:

Mr. John E. Doherty, PE
 Assistant Director of Public Services/
 Capital Projects Manager
 City of Tamarac
 6011 Nob Hill Road
 Tamarac, FL 33321
 (954) 597-3706
 (954) 597-3710 (Fax)



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CITY OF WEST PALM BEACH, FLORIDA

LIFT STATION 20, 26, 89 AND 100 REHABILITATION

The City of West Palm Beach (City) selected Mathews Consulting (Consultant) to perform engineering design services for the rehabilitation of Lift Stations 20, 26, 89 and 100. The City requested a design of certain mechanical and electrical upgrades to the lift stations. A summary of desired improvements is listed below:

LS 20:

- Typ. of 4 Pumps (30 Hp): Replace pump discharge piping and valves. Add ARV and Emergency Pump Out Connection.
- Clean wetwell and apply new Spectrashield coating.
- New transformer, emergency generator and ATS. Existing MCC/control panel to stay.

LS 26:

- Construct new wetwell adjacent to existing, make deeper to increase storage volume.
- Typ. of 3 pumps (14 Hp): Provide new HDPE riser pipes, hatches and discharge piping, including new above grade DIP check valves and plug valves.
- Add ARV and Emergency Pump Out Connection.
- New transformer, emergency generator and ATS. New MCC, Control Panel and VFDs.

LS 89:

- Typ. of 3 pumps (20 Hp): Replace pump discharge piping and valves. Add ARV, Emergency Pump Out Connection, and Pipe Supports. Provide two (2) new drop pipes and drop bowls on influent lines.
- Provide new wetwell coating and new coating (Spectrashield) for terminal manhole.
- Provide new Emergency Generator, VFDs, ATS, and Control Panel.

LS 100:

- Clean and paint valve vault and vault piping.
- Replace main breaker with NEMA 4X with sunshield.
- Add diesel pump backup, bypass piping & valves.
- Provide electrical connections for new diesel backup pump.

The project is in the design phase.



HIGHLIGHTS:

COMPLETED: In Progress

REFERENCE:

Mr. Luis Perez
Project Engineer
City of West Palm Beach
401 Clematis Street, 4th Floor
West Palm Beach, Florida 33401
(561) 494-1071
(561) 494-1115 (Fax)



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VILLAGE OF FRANKLIN PARK, ILLINOIS

RUBY STREET INTERSECTION & TRAFFIC SIGNAL IMPROVEMENTS

Baxter & Woodman provided design and construction engineering services for the development of the plans, specifications and cost estimate for the construction of the traffic signal/railroad signal interconnection along Ruby Street from Franklin Avenue to Pacific Avenue. The project includes traffic signal interconnection improvements to 600 feet of roadway.

During the design, the Village of Franklin Park decided to enhance safety in the project area and reduce the 5 legged intersection at Ruby Street/Pacific Avenue/Gage Avenue to 4 legs by closing Gage Avenue. The existing traffic signals were removed and replaced by a four-way stop. Gage Avenue was terminated short of Ruby Street with a hammerhead dead end.

The Ruby Street corridor was modeled utilizing Synchro software to determine the queue lengths generated by the installation of the Pacific Avenue stop signs and interconnection of the Franklin Avenue signals with the railroad signal system. Impacts to the corridor between Franklin Avenue and Pacific Avenue, including the Metra Railroad crossing, were studied to verify that queues would not back up over the railroad tracks.

The remaining improvements included:

- removal of existing traffic signal heads;
- installation of new LED signals;
- installation of accessible pedestrian signals;
- removal of the existing traffic signal controller and cabinet, and replacement with the latest controller and cabinet equipment including traffic and railroad signal pre-emption and battery back-up;
- loop detector installation and replacement;
- installation of the traffic signal and railroad/emergency vehicle pre-emption sequence of operations;
- intersection re-channelization; and
- interconnection of the intersection traffic signal controller with the railroad signal controller.

Baxter & Woodman assisted the Village with obtaining funding for this \$2.4 million project from various sources including STP, MFT, local, and IDOT.

Project Highlights

- Federal funding
- Railroad coordination
- Pedestrian signal installation at the railroad crossing

Completed: 2017

Cost: \$312,000

Key Personnel

Matt Washkowiak-Advisor
Bob Lenzini-Project Manager

Reference

David Talbott, Village Engineer
dtalbott@smithlasalle.com
847-671-4800



BAXTER & WOODMAN
Consulting Engineers

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H. ADDITIONAL INFORMATION

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

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

7/19/2018

33. NAME AND TITLE

John V. Ambrose, President/CEO

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

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ARCHITECT-ENGINEER QUALIFICATIONS					1. SOLICITATION NUMBER (if any)	
PART II – GENERAL QUALIFICATIONS <i>(If a firm has branch offices, complete for each specific branch office seeking work.)</i>						
2a. FIRM (OR BRANCH OFFICE) NAME Mathews Consulting, a Baxter & Woodman Company				3. YEAR ESTABLISHED 1946	4. DUNS NUMBER 047569686	
2b. STREET 477 S. Rosemary Ave., Suite 330				5. OWNERSHIP		
2c. CITY West Palm Beach	2d. STATE FL	2e. ZIP CODE 33401		a. TYPE Corporation		
6a. POINT OF CONTACT NAME AND TITLE David L. Mathews, P.E./Vice President, Florida Operations				b. SMALL BUSINESS STATUS N/A		
6b. TELEPHONE NUMBER 561-655-6175		6c. E-MAIL ADDRESS dmathews@baxterwoodman.com		7. NAME OF FIRM (If block 2a is a branch office) Baxter & Woodman		
8a. FORMER FIRM NAMES(S) (If any) Mathews Consulting, Inc.				8b. YR. ESTABLISHED 1998	8c. DUNS NUMBER 07-814-0873	
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	29	1	A12	Automation, Controls, Instrumentation	6
08	CADD Technician	15	3	B02	Bridges	6
12	Civil Engineer	32	7	C12	Computer Facilities; Computer Science	6
15	Inspector	31	8	C15	Construction Management	6
16	Construction Manager	10	1	E03	Electrical Studies and Design	2
21	Electrical Engineer	3		E09	Environmental and Natural Resource Management	2
29	GIS Specialist	5		G04	Geographic Information Systems	3
30	Geologist	1		I03	Industrial Waste Treatment	3
57	Structural Engineer	4		L06	Lighting	
60	Transportation Engineer	41	1	P05	Planning	1
62	Water Resources Engineer	9	1	R04	Recreation Facilities (Parks, Marinas, etc.)	1
38	Land Surveyor	4	4	S04	Sewage Collection, Treatment and Disposal	7
	Automation Controls Engineer	21		S09	Structural Design	2
	Computer Science	6		S10	Surveying; Platting; Mapping; Flood Plain Studies	3
				S13	Storm Water Handling/Facilities	5
				T03	Traffic & Transportation Engineering	8
				T04	Topographic Surveying	2
				W02	Water Resources; Hydrology; Ground Water	3
				W03	Water Supply; Treatment and Distribution	6
	Other Employees					
	Total	243	226			

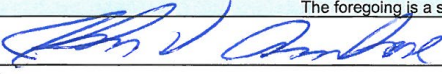
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2. Standard Form 330 (Parts I and II)

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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. Less than \$100,000	6. \$ 2 million to less than \$ 5 million
b. Non-Federal Work	9	2. \$100,000 to less than \$250,000	7. \$ 5 million to less than \$ 10 million
c. Total work	9	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 7/19/2018
c. NAME AND TITLE John V. Ambrose, PE, President/CEO	

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ELECTRICAL DESIGN ASSOCIATES, INC. (EDA)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME Lillian Reyes	13. ROLE IN THIS CONTRACT President	14. YEARS EXPERIENCE a. TOTAL 28 b. WITH CURRENT FIRM 20	
15. FIRM NAME AND LOCATION (City and State) Electrical Design Associates, Inc. (Lake Worth, FL)			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelors of Science in Electrical Engineering Florida Atlantic University/1988		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL Professional Engineer 50780	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Engineering Society (FES), Illuminating Engineering Society (IES), & National Fire Protection Association (NFPA).			

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Dania Beach Mixed Use Development Phase I Dania Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If applicable) 2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical and control design associated with the lift station replacement. There were a total of two (2) lift station pumps operating at approximately 15-horsepower each. Our scope of work also included the design of the Pump Control Panel (PCP), the Remote Telemetry Unit, and a permanent standby generator. <input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) Miramar Complete Streets Miramar, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If applicable) 2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical Design Associates, Inc. was contracted to provide a photometric evaluation and electrical design associated with the proposed pedestrian lighting, which was completed in accordance with the City ordinances, IES recommendations and the NEC. The design was based on Owner selected pedestrian type lighting. <input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) Rutland Blvd. Lighting Improvements West Palm Beach, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2014 CONSTRUCTION (If applicable) 2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE EDA provided photometric evaluation for the roadway lighting along Rutland Blvd originating at Olive Avenue and extending east, an approximate length of 1600 LF. The photometric evaluation was completed based on the City standard Lumec type fixture model S55-40W-LED. EDA reviewed and revised the electrical design associated with the roadway lighting along Rutland Blvd, and performed general services during construction. <input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) CROC Parking Lot Expansion Palm Beach County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015 CONSTRUCTION (If applicable) 2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE EDA provided photometric evaluation and electrical design associated with the proposed parking lot expansion in accordance with PBC Ordinances and IES Standards. The pole mounted assembly consisted of an 80C Type III LED fixture at a mounting height of 20' above finished grade. Evaluation was based on the D-Series LED Luminaire as manufactured by Lithonia Lighting. EDA performed a light level test following the installation of the pole mounted lighting assemblies. <input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) SWRF Building Improvements Orange County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015 CONSTRUCTION (If applicable) 2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical design associated with the proposed HVAC improvements at the SWRF West Electrical Building (Old Generator Building), the Maintenance Building and the Administration Building. Electrical design associated with lighting affected by the HVAC improvements at the West Electrical Building (Old Generator Building), the Maintenance Building and the Administration Building. Electrical design associated with the exterior lighting at the West Electrical Building (Old Generator Building) based on the proposed architectural improvements. <input checked="" type="checkbox"/> Check if project performed with current firm		

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME Dameion Donaldson	13. ROLE IN THIS CONTRACT Electrical Engineer	14. YEARS EXPERIENCE a. TOTAL 13 b. WITH CURRENT FIRM 7	
15. FIRM NAME AND LOCATION (City and State) Electrical Design Associates, Inc. (Lake Worth, FL)			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelors of Science in Electrical Engineering Florida International University/2003		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida Professional Engineer 70851	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Engineering Society (FES), Illuminating Engineering Society (IES)			

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Largo WRF Influent Pumping and Headworks Improvements Largo, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015 CONSTRUCTION (If applicable) 2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) performed an evaluation and field verification for the existing electrical system at the City of Largo Water Reclamation Facility and an analysis of the necessary improvements to accommodate process improvements. Subsequently, EDA prepared a basis of design report as it related to the electrical system associated with the proposed Influent Pump Station, the demolition of the North and South Influent Pump Stations, the proposed Headworks facility and the demolition of the existing chemical building.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) Meadow Woods Reclaimed Pump Station Orange County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2014 CONSTRUCTION (If applicable) 2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The existing Meadow Woods potable water storage and pumping facilities were converted into a reclaimed water storage and re-pump facility. Our services included the electrical design associated with the modifications to convert the existing water supply facilities into reclaimed water facilities.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) Rutland Blvd. Lighting Improvements West Palm Beach, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2014 CONSTRUCTION (If applicable) 2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE EDA provided photometric evaluation for the roadway lighting along Rutland Blvd originating at Olive Avenue and extending east, an approximate length of 1600 LF. The photometric evaluation was completed based on the City standard Lumec type fixture model S55-40W-LED. EDA reviewed and revised the electrical design associated with the roadway lighting along Rutland Blvd, and performed general services during construction.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) SW 12th Avenue, Auburn Avenue, & SW 14th Avenue Delray Beach, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011 CONSTRUCTION (If applicable) 2012	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE EDA provided the Photometric evaluation and roadway lighting design for the roadway lighting along SW 12th Avenue originating at Atlantic Avenue and extending south to SW 1st Street, an approximate length of 350 LF. The photometric evaluation and design were completed in accordance with the City ordinances, IES recommendations, and the NEC.		
	<input type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) Duck Key Utility Improvements Florida Keys Aqueduct Authority, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009 CONSTRUCTION (If applicable) 2012	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical and Instrumentation design and general services during construction associated with the Duck Key utility improvements in phases 1 through 3. The overall project included the installation of a central wastewater gravity collection system with associated lift stations, the replacement of potable water lines and the installation of new reclaimed water lines with service connections.		
	<input type="checkbox"/> Check if project performed with current firm		

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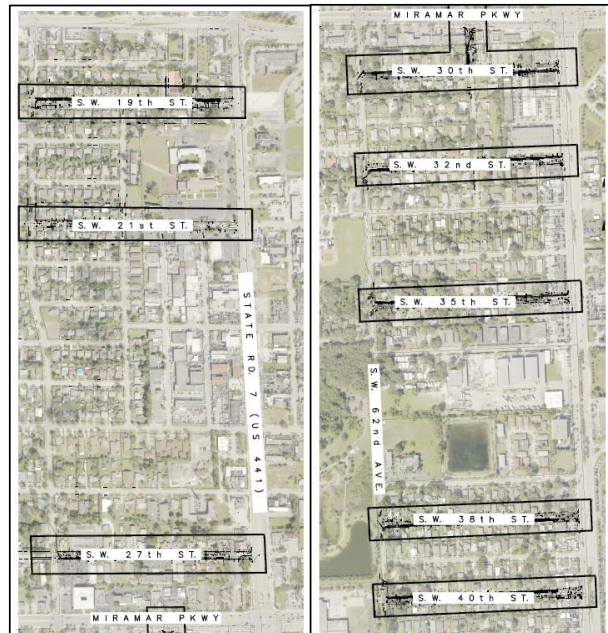
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION (City and State) Miramar Complete Streets Miramar, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If applicable) 2018
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Miramar	b. POINT OF CONTACT NAME Bissy Vempala, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 954-602-3320
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

Electrical Design Associates, Inc. was contracted to provide electrical design services for the referenced project. Our scope of work was as follows:

- Photometric evaluation associated with the proposed pedestrian lighting; completed in accordance with the City ordinances, IES recommendations and the NEC. The evaluation was based on Owner selected pedestrian type lighting.
 - SW 19th Street - an approx length of 1350 LF.
 - SW 21st Street - an approx length of 1350 LF.
 - SW 27th Street - an approx length of 1350 LF.
 - SW 30th Street - an approx length of 1350 LF.
 - SW 32nd Street - an approx length of 1350 LF.
 - SW 35th Street - an approx length of 1350 LF.
 - SW 37th Street - an approx length of 1350 LF.
 - SW 39th Street - an approx length of 1350 LF.
- Electrical Design associated with the proposed pedestrian lighting; completed in accordance with the City ordinances, IES recommendations and the NEC. The design was based on Owner selected pedestrian type lighting.
 - SW 19th Street - an approx length of 1350 LF.
 - SW 21st Street - an approx length of 1350 LF.
 - SW 27th Street - an approx length of 1350 LF.
 - SW 30th Street - an approx length of 1350 LF.
 - SW 32nd Street - an approx length of 1350 LF.
 - SW 35th Street - an approx length of 1350 LF.
 - SW 37th Street - an approx length of 1350 LF.
 - SW 39th Street - an approx length of 1350 LF.



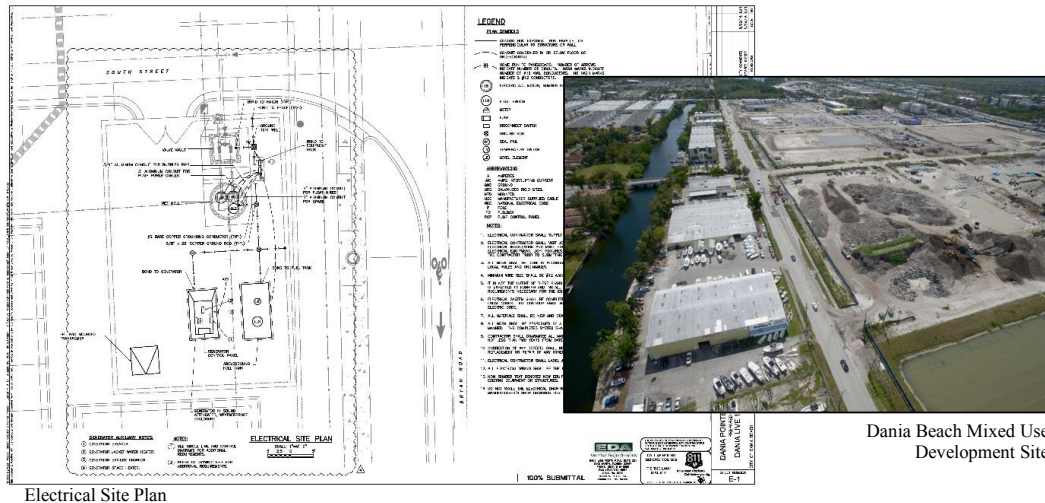
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Electrical Design Associates, Inc.	(2) FIRM LOCATION (City and State) Lake Worth, FL	(3) ROLE Electrical Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION (City and State) Dania Beach Mixed Use Development Phase I Dania Beach, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2016 CONSTRUCTION (If applicable): 2018
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Dania Beach	b. POINT OF CONTACT NAME Brad Kaine	c. POINT OF CONTACT TELEPHONE NUMBER 954-924- 6808 x3747
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

Electrical Design Associates, Inc. was contracted to provide electrical design services for the referenced project. Our scope of work was as follows:

1. Electrical and control design associated with the proposed lift station replacement. There were a total of two (2) lift station pumps operating at approximately 15-horsepower each. All electrical distribution equipment was installed outdoors.
2. Our services also included:
 - The design of the Pump Control Panel (PCP) designed in accordance with required standards.
 - The design of a Broward County standard Remote Telemetry Unit (or equivalent)
 - The design of a permanent standby generator. This included required automatic transfer switch and fuel system capacity design.
 - Coordination with the local power company as required to establish electrical service for the proposed facility.



Dania Beach Mixed Use Development Site

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Electrical Design Associates, Inc.	(2) FIRM LOCATION (City and State) Lake Worth, FL
		(3) ROLE Electrical Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE

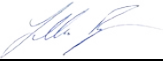
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ARCHITECT-ENGINEER QUALIFICATIONS				1. SOLICITATION NUMBER (If any) PSEN-18-02	
PART II - GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.)					
2a. FIRM (OR BRANCH OFFICE) NAME Electrical Design Associates, Inc.				3. YEAR ESTABLISHED 1998	4. DUNS NUMBER
2b. STREET 8401 Lake Worth Road, Suite 221				5. OWNERSHIP	
2c. CITY Lake Worth		2d. STATE Florida	2e. ZIP 33467	a. TYPE S-Corporation	
6a. POINT OF CONTACT NAME AND TITLE Lillian Reyes, P.E., President				b. SMALL BUSINESS STATUS WMBE	
6b. TELEPHONE NUMBER 561-819-5556		6c. E-MAIL ADDRESS lreyes@goeda.com		7. NAME OF FIRM (If block 2a is a branch office)	
8a. FORMER FIRM NAME(S)				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			
08	CADD Technician	1	1	C11	Community Facilities	1
21	Electrical Engineer	3	3	H07	Highways; Streets; Airfield Paving; Parking Lots	2
58	Technician/Analyst	0	3	W03	Water Supply, Treatment and Distribution	3
				L06	Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)	2
				P12	Power Generation, Transmission, Distribution	3
Total		4	7			

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	0	1. Less than \$100,000.	6. \$2 million to less than \$5 million
b. Non-Federal Work	4	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total	4	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 07/18/2018
c. NAME AND TITLE Lillian Reyes, P.E., President	

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CITY OF PEMBROKE PINES

Professional Service Providers (Arch, Eng, Survey & Mapping) • 180804.10



TERRACON CONSULTANTS, INC.

TAB 2 STANDARD FORM 330 ARCHITECT - ENGINEER QUALIFICATIONS											
PART I – CONTRACT-SPECIFIC QUALIFICATIONS											
A. CONTRACT INFORMATION											
1. TITLE AND LOCATION (City and State) City of Pembroke Pines, Florida Professional Service Provider (Architectural, Engineering, Surveying, and Mapping)											
2. PUBLIC NOTICE DATE June 26, 2018			3. SOLICITATION OR PROJECT NUMBER PSEN-18-02								
B. ARCHITECT-ENGINEER POINT OF CONTACT											
4. NAME AND TITLE Rebecca Travis, P.E.											
5. NAME OF FIRM Mathews Consulting, a Baxter & Woodman Company											
6. TELEPHONE NUMBER (561) 655-6175		7. FAX NUMBER NA		8. E-MAIL ADDRESS rtravis@baxterwoodman.com							
C. PROPOSED TEAM <i>(Complete this section for the prime contractor and all key subcontractors)</i>											
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;"> <i>(Check)</i> </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 2px;">PRIME</td> <td style="padding: 2px;">J/V</td> <td style="padding: 2px;">PARTNER</td> <td style="padding: 2px;">SUBCONTRACTOR</td> </tr> </table> </div>					PRIME	J/V	PARTNER	SUBCONTRACTOR	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
PRIME	J/V	PARTNER	SUBCONTRACTOR								
a.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<div style="text-align: center;"> </div>	5371 NW 33 rd Avenue Suite 201 Fort Lauderdale, FL 33309	Subconsultant: Environmental Engineering					
<input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE											
b.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/> CHECK IF BRANCH OFFICE											
c.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/> CHECK IF BRANCH OFFICE											
d.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE											
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/> CHECK IF BRANCH OFFICE											
p.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/> CHECK IF BRANCH OFFICE											
D. ORGANIZATIONAL CHART OF PROPOSED TEAM											
				<input checked="" type="checkbox"/> <i>(Attached)</i>							

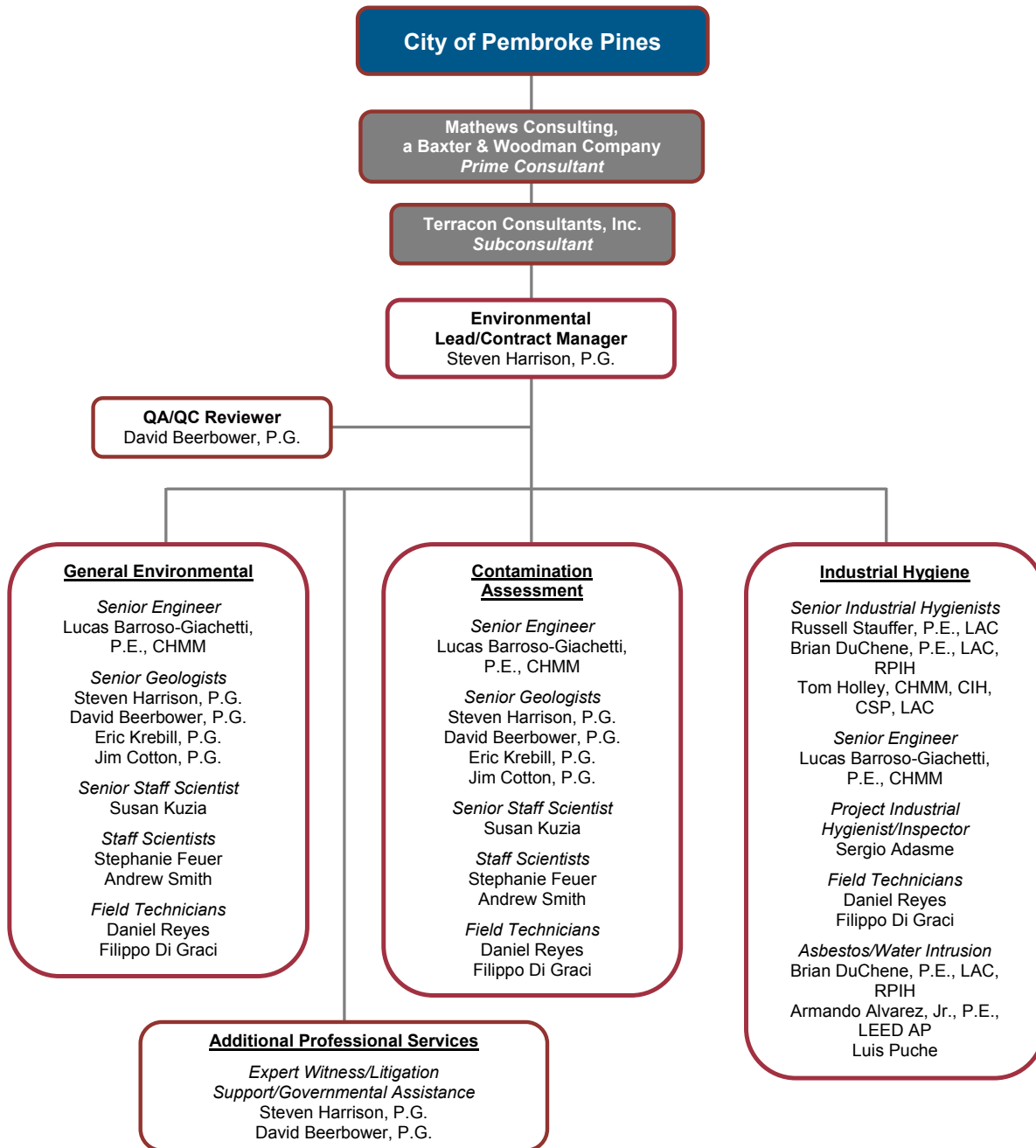
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CITY OF PEMBROKE PINES

Professional Service Providers (Arch, Eng, Survey & Mapping) • 180804.10



D. ORGANIZATIONAL CHART OF PROPOSED TEAM



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 Steven Harrison, P.G.	13. ROLE IN THIS CONTRACT Environmental Lead/Contract Manager/Senior Geologist	14. YEARS EXPERIENCE a. TOTAL b. WITH CURRENT FIRM 30 5	
15. FIRM NAME AND LOCATION (City and State) Terracon Consultants, Inc. Fort Lauderdale, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) M.S./Marine Geology and Geophysics, Emphasis: Geo-Chemistry B.S./Geology		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida/Professional Geologist Florida/Mold Assessor Florida/Licensed Sales Associate	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certifications: 8- Hour Hazmat Health and Safety Training Updates 40- Hour Hazmat Health and Safety Training Short Course: Assessing Environmental Risk in Property Transactions Short Course: How to Comply with Florida's Haz Waste Regulations for Generators			

19. RELEVANT PROJECTS		
(1) TITLE AND LOCATION (City and State) Costco Warehouse site within the SoLe Mia development North Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (if applicable) Ongoing N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Project Manager. Our environmental group provided essential assessment and construction oversight services in support of the preliminary investigation and development of the new Costco Warehouse site within the SoLe Mia development site on the former Munisport landfill. Terracon deployed a team of scientists, technicians and contractors to observed relocation and placement of landfill materials and assess soil and groundwater quality for constituents of concern within the development site. The results will be utilized as part of the conditional closure provided through Miami-Dade County Department of Regulatory and Economic Resources (RER) which will allow effective operation of the site without the expense of having to conduct remediation of impacted materials. Terracon has also designed and supervised the installation of the vapor mitigation system to be placed beneath the building and parking lot to control methane vapors from the former landfill. Firm's Fee: \$125,346		
(1) TITLE AND LOCATION (City and State) Proposed Central Base Apron Modification, MIA, Miami-Dade Aviation Department (MDAD) Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (if applicable) Ongoing N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Environmental Project Manager. The MIA Central Base apron consists of paved airplane taxi lane areas and associated airport infrastructure utilized for aircraft to maintenance, fueling, and parking. Several existing buildings and possible old foundations are adjacent to the proposed area of development. Proposed construction includes underground utilities, drainages, concrete pavement, retaining walls, light poles, gravity walls, and box culvert structures. Terracon is providing onsite inspections of soils during the performance of select geotechnical borings, the collection and analysis of soil samples, and the collection of sediment samples from the canal along the northern boundary of the site that will be culverted as part of the project. Samples are collected to allow for environmental evaluation of soil samples collected along the path of construction proposed for the installation of a new stormwater utility within the site. Samples are selected to provide current analytical data for use in evaluating soil quality in areas where soils will be excavated during construction. Terracon prepared a historical site assessment summary report to conglomerate approximately 40 years of assessment and remedial activities conducted within the Central Base Apron. The historical and current data are being interpreted for applicability to Miami-Dade County Division of Environmental Resources Management (DERM), Florida Department of Environmental Protection (FDEP), and MDAD soil reuse guidelines and evaluation of how soils will be managed within the work area. Terracon has prepared a soil management plan to describe handling protocols and procedures to be followed by the contractor during site construction. The data is also being utilized in understanding exposure risk and for preparation of the environmental section of the Health and Safety Plan (HASP) for the site. Firm's Fee: \$72,000		

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(1) TITLE AND LOCATION (City and State) Opa-Locka Environmental Protection Agency (EPA) Brownfields Assessment Grant Opa-Locka, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager/Senior Geologist. Terracon provided grant-writing assistance and support to the City of Opa-Locka for their brownfields program. Terracon worked closely with City staff and prepared an EPA brownfields application for the 2105 funding cycle. Terracon is currently the City's sole consultant providing brownfields services to support authorized tasks designated as components of the \$400,000 EPA Brownfields Assessment grant. Programmatic management includes but are not limited to quarterly and annual reporting, EPA policies and procedures, progress meetings, financial coordination and the technical findings required through the closeout process. Grant services support identification, prioritization processes and selection of properties; oversight of sub-consultants; and outreach. The funds are primarily dedicated to assessment of properties of interest which include Phase I ESAs, asbestos surveys, and lead-based paint (LBP) investigation within structures. Additional Phase I information may include wetland surveys and ground penetrating radar (GPR). Phase II ESAs are conducted in accordance with a Generic and Site Specific Quality Assurance Project Plan (QAPP and SSQAPP) completed per regulatory compliance to support Phase II ESAs. Phase II assessments, site specific QAPPs, HASPs and site reuse/cleanup planning are all components of the grant. Findings from assessment activities is reported to EPA within the Assessment, Cleanup & Redevelopment Exchange System (ACRES). Firm's Fee: \$382,000		
(1) TITLE AND LOCATION (City and State) Vacant Parcel, Future Hotel Site Aventura, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager/Geologist for the performance of site assessment to estimate the extent of soil and groundwater impacts affected with arsenic, polynuclear aromatic hydrocarbons, and volatile organic compounds (VOCs). Assessment was conducted in accordance with Chapter 62-780 Florida Administrative Code (FAC). Remedial/source removal efforts included the excavation and disposal of approximately 1,500 tons of arsenic impacted soils at a licensed landfill, and groundwater was monitored to verify that the residual concentrations were stable. Assessment efforts found that impacts were attributed to a sub-regional impact that affected the area surrounding the site. A Site Specific HASP, Dust Control Plan, Erosion Control Plan and Soil Management Plan were prepared for the site to assist the site development contractor with requirements of working within an impacted site. Air monitoring was also conducted to assess for airborne contaminants within and adjacent to the site. The site is in the final stages of groundwater monitoring and will be provided a "No Further Action" with Conditions within the next few months.		
(1) TITLE AND LOCATION (City and State) Canal Remediation and Assessment Parkland, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager to design and undertake the remediation and sampling of 600-foot section of irrigation canal that was impacted with liquid asphalt that was spilled into canal. Project involved segmenting canal into sections to dewater the canal and expose bottom and wall sediments for removal. Included removal of banks, headwall, and driveway bridges over canal. Worked with the Florida Department of Environmental Protection (FDEP) to develop appropriate sediment standards in light of their limited regulatory presence within existing FDEP regulations and to develop a monitoring program that focused on visible conditions as a reflection of surface water quality. Project closure was achieved within 16 months of initiation. Also served as the environmental expert for the City where the canal was impacted in the lawsuit against the firm accused of causing the issue.		

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

12. NAME David Beerbower, P.G.	13. ROLE IN THIS CONTRACT Quality Assurance/Quality Control (QA/QC) Reviewer/Senior Geologist	14. YEARS EXPERIENCE	
		a. TOTAL 40	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION (City and State) Terracon Consultants, Inc. Winter Park, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) M.S./Geology B.A./Natural Systems		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida/Professional Geologist	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Affiliations: Florida Bar Association, Environmental and Land Use Section Florida Healthcare Engineering Association			

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Weingarten Realty Management Company Various Locations throughout FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Geologist/QA/QC, Authorized Project Reviewer (APR). Responsible for managing asbestos surveys of retail suites within retail shopping centers throughout Florida to permit interior renovations prior to tenant occupancy. Duties include managing asbestos survey personnel as well as providing QA/QC on surveys of interior building components and homogeneous areas of suspect ACMs being visually identified and documented. Fees: on a task by task basis.			
b.	(1) TITLE AND LOCATION (City and State) Royal Palm Beach Commons Royal Palm Beach, F	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm QA/QC, APR. The project consists of a 160±-acre parcel of land that was developed into a community park known as Royal Palm Beach Commons (former Traditions Golf Course site). The firm has performed environmental services at the site from 2017 to 2014. Terracon is currently performing long-term groundwater monitoring at the site. Firm's Fee - \$260,000 estimated			
c.	(1) TITLE AND LOCATION (City and State) Senior Independent Living Community Cooper City, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm QA/QC, APR. The site is approximately 8.5 acres of vacant land that is being considered for development as a Senior Living Facility. Terracon conducted a Phase I ESA to assist the client in developing information to identify recognized environmental conditions (RECs) in connection with the site. Additional services provided by the firm include: radon records review, wetlands records review with a site investigation, threatened and endangered species review, and historic properties/archaeological resources review. Terracon conducted a review of the Florida Master Site File (FMSF) with the State Historic Preservation Officer (SHPO) to determine if a Cultural Resource Assessment Survey or other actions are required. The firm also conducted a limited site investigation (LSI) to assess for the presence of potential soil impacts to the site from identified RECs. The scope of services conducted during this LSI included the advancement of soil borings within the site to assess soils and collect soil samples for laboratory analysis for presence of contaminants. Firm's Fee: \$13,485			
d.	(1) TITLE AND LOCATION (City and State) Apartment Buildings Delray Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm QA/QC, APR. Construction activities for new apartment buildings began in 2015. Phase I ESA was performed consistent with the procedures included in ASTM E1527-13, <i>Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process</i> . The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual noninvasive reconnaissance of the site and adjoining properties. Firm's Fee: \$2,500			
e.	(1) TITLE AND LOCATION (City and State) Taylor Creek Dredge Spoils Management Area (DSMA) Fort Pierce, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm QA/QC, APR. Dredging at the Taylor Creek project required that seven existing monitoring wells at the DSMA be sampled on a weekly basis and groundwater analyzed for total dissolved solids (TDS), chloride and specific conductivity per FDEP requirements. Dredging occurred over a four-month period. Terracon provided groundwater sampling, and subcontracted laboratory analysis for the approximate four-month duration of dredging. Firm's Fee: \$16,189			

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME Lucas Barroso-Giachetti, P.E., CHMM		13. ROLE IN THIS CONTRACT Senior Environmental Engineer	
		14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION (City and State) Terracon Consultants, Inc. – Miami Lakes, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S./Environmental Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida/Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certifications: Certified Hazardous Materials Manager (CHMM)			
19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Pompano Beach Airpark Plane Crash Fuel Spill Pompano Beach, FL		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) N/A
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental Engineer. Conducted soil screening, soil sampling, groundwater sampling and source removal oversight related to a discharge of fuel resulting from an aircraft crash landing within the Pompano Beach Airpark. Lucas provided P.E. oversight of the field activities and conducted regulatory interface on behalf of the client. The impacted area was successfully excavated and remediated. Firm's Fee: \$17,000		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Beacon Logistics Park Hialeah, FL		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016 - 2017	CONSTRUCTION (if applicable) N/A
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Consultant. Provided environmental assessment and permitting consulting for redevelopment of 72-acre former lakefill site in Hialeah, Florida. Lucas was the lead consultant for the local developer interfacing with Miami-Dade County DERM for the approval of development-related environmental oversight plans, assessment of groundwater impacts for regulatory and stormwater management purposes, and design of a sub-slab vapor mitigation system.		<input type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) PortMiami Tunnel Project Miami-Dade County, FL		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011 - 2012	CONSTRUCTION (if applicable) N/A
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental Engineer. Prepared Spill Prevention, Control, and Countermeasure (SPCC) for land and maritime operations involving drilling and grout injection activities on floating barges off Watson Island and Dodge Island. Worked closely with Bouygues Civil Works Florida (BCWF) personnel during preparation and implementation of SPCC, which was approved by Miami-Dade County.		<input type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Environmental Services for Miami-Dade County DERM Miami-Dade County, FL		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2009 - 2011	CONSTRUCTION (if applicable) N/A
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Miami-Dade County DERM contract projects included site assessment reports (SARs), tank closure assessment reports (TCARs), Phase I/II ESAs, and other projects at Miami International Airport (MIA), Opa-Locka Airport, Tamiami Park, and other Miami-Dade County properties. Responsible for day-to-day management of projects and interfacing with DERM project managers.		<input type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Florida Power & Light (FPL) Electrical Substations Miami-Dade County, FL		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2009 - 2011	CONSTRUCTION (if applicable) N/A
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager and Professional Engineer. Soil and groundwater assessment was conducted for arsenic contamination from historical herbicide application at multiple electrical substations. Prepared multiple Source Removal Reports (SRRs), Remedial Action Plans (RAPs), and technical reports submitted to Miami-Dade County DERM.		<input type="checkbox"/> Check if project performed with current firm	

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER
		1
21. TITLE AND LOCATION (City and State) Costco Wholesale - SoLe Mia North Miami, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION (if applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Costco Wholesale	b. POINT OF CONTACT NAME Heidi Macomber	c. POINT OF CONTACT TELEPHONE NUMBER (703) 406-6842

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

The project entails the construction of an approximately +/- 160,000-square-foot (SF) Costco warehouse. A fuel facility is planned at the northeast portion of the site with paved parking/landscaping areas to the east and south sides of the proposed warehouse. The fuel facility will contain three 20,000-gallon underground storage tanks (USTs) with fuel dispensers.

The site is located within the northwest portion of the former Munisport Landfill and encompasses approximately 14.1± acres of land in the vicinity of Biscayne Boulevard and NE 151st Street, North Miami, Miami-Dade County, Florida. Preparation for development of the site, within a portion of the SoLe Mia development property, included the filling of the onsite Northwest Lake and the placement of material from the former landfill, throughout the majority of the site to raise the grade by approximately 13 to 15 feet.

Terracon conducted a Phase I ESA in general accordance with the consensus document known as ASTM E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA is to assist the client in developing information to identify RECs in connection with the site. This purpose was undertaken through a regulatory database review; historical and physical records review; interviews, including local government inquiries, as applicable; and a visual noninvasive reconnaissance of the site and adjoining properties.

Additional services provided by Terracon included:

- Preliminary archeological, historical, and cultural resources search
- Hydrological Flood Plain information search
- Literature and agency file searches were conducted to identify the potential occurrence of federally listed threatened and endangered (T&E) species located in the site vicinity
- Research to identify potential wetlands
- Environmental compliance review
- Recommendations pertaining to soil, groundwater, and vapor

In response to the findings of the Phase I ESA, Terracon provided construction oversight/LSI to help the client understand site conditions through assessment of soil, subsurface vapor, and groundwater quality at the site. In addition to the subsurface investigation, Terracon analyzed samples of landfill materials that have been placed at the site to raise the grade.

Assessment efforts reported the presence of elevated methane concentrations emanating from the landfill and in accordance with FDEP's Landfill closure permit. Terracon designed a vapor mitigation that will be installed as part of site development.

Firm's Fee: \$125,346

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Prime Consultant
b.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Prime Consultant
c.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Winter Park, Florida	(3) ROLE Prime Consultant

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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)	22. YEAR COMPLETED	
Palm Beach International Airport (PBI), Former Building S-1440, Palm Beach County Transit Authority (Palm Tran) West Palm Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	Ongoing	N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Palm Beach County	John Tierney	(561) 233-0252
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

The Palm Beach County Department of Airports is considering long-term lease of PBI property, which contains the Former Palm Tran Facility. In accordance with applicable portions of Chapter 62-780, FAC, Terracon prepared a Limited Scope Remedial Action Plan (LSRAP) for the site in 2017. The objective of this LSRAP is to remediate petroleum contaminant concentrations reported in soil and groundwater samples to concentrations which meet cleanup target levels set forth in Chapter 62-777, Table 1, FAC.

Terracon is currently implementing source removal with open-pit air sparging to remediate petroleum hydrocarbon contaminated soil and groundwater at the former Palm Tran facility. The objective of the remedial action is to reduce petroleum hydrocarbon contaminants within the impacted area to below soil cleanup target levels (SCTLs) and groundwater cleanup target (GCTLs). The goal is to obtain a No Further Action status without conditions and a Site Rehabilitation Completion Order. The scope of work includes: pre-source removal work; source removal activities; monitoring well re-installation and Quarter 1 Post Active Remediation Monitoring (PARM); Quarter 2 PARM; Quarter 3 PARM; and Quarter 4 PARM.

Firm's Fee: \$586,000 estimated



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida
b.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida
c.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Winter Park, Florida
d.	(1). FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE

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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
		3
21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
City of Pompano Beach (COPB) CRA Continuing Services Pompano Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	Ongoing	N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
COPB	Horacio Danovich	(954) 786-7834
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

Terracon maintains a continuing services contract with the COPB CRA to provide environmental engineering services for various CRA projects. Reselected for this contract in 2015, the firm has conducted Phase I and II ESAs within the CRA's Northwest Brownfields region at properties proposed for redevelopment. The Phase I ESAs were completed in accordance with ASTM E1527-05/13 to assess for potential historical concerns associated with the subject properties. The properties did not have active buildings or operations on site as the neighborhoods have been blighted and the focus of the CRA is to provide new opportunities to enhance the inner urban core with housing and community wide improvements. The Phase I ESAs identified RECs that included historical dry cleaning facilities, gas stations, metals shops, and automotive facilities that had the potential to have impacted the subsurface.

Phase II ESAs were conducted in accordance with ASTM 1903-11 and reported the presence of petroleum impacts associated with one former gas station and one automotive service facility that required remediation. As these sites are within a designated brownfields area, and were taken by the COPB through tax lien, COPB is able to take advantage of an exemption in the Brownfields laws that do not require the COPB to remediate the site. This is a valuable exemption as it allows the COPB CRA to focus their funds on redevelopment efforts as both facilities were found to have impacted soil and groundwater. Impacts in the subsurface could result in potential vapor intrusion for proposed new structures can be addressed in a manner that is best aligned with redevelopment plans be it through vapor mitigation techniques, carved out of the proposed development, or remediated to allow unrestricted use of the property.

The project completed at the Former Able Service facility was initiated as a due diligence effort to understand if there were subsurface impacts at the property that was previously a fueling facility and service station. The site had received a No Further Action status from the FDEP for a petroleum impact that was reported to have been remediated. Assessment efforts included the collection of soil and groundwater samples from the former underground storage tank area as well as the former service areas including the hydraulic lifts, soakage pits and septic system. Impacted soils and groundwater were found to be present within the former UST area at concentrations in excess of regulatory cleanup target levels as specified in Chapter 62-777 FAC. The area was assessed and found to be impacted across an area of approximately 50' x 60' to a depth of approximately 25 feet below ground surface, which was similar to the area that was remediated. The FDEP approved a petition to re-open the cleanup file and allow for preparation of a new RAP.



A new Remedial Action Plan was prepared to address the site through the FDEP's Preapproval Program (FDEP - \$43,000 / COPB CRA was not the contracting client but retained their interest in the prompt completion of the project). The new RAP included a design to remediate soils and groundwater through the injection of a chemical oxidant at a series of injection locations to degrade the petroleum hydrocarbons within the affected area. The system was budgeted at \$240,000 and included two applications with the option to incorporate a metering pump and a recirculating system to continuously address the hydrocarbons. The site would be monitored for a year after 6 months of treatment. FDEP approved the RAP within 30 days of submittal. As a rule of the preapproval program changes in 2013, the remedial system was implemented by others. Fee for Former Able Services - \$23,000 (plus \$43,000 FDEP)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL
b.	(1) FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL
c.	(1) FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Tampa, FL
		(3) ROLE Prime Consultant

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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
		4
21. TITLE AND LOCATION (City and State) Opa-Locka EPA Brownfields Assessment Grant Opa-Locka, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION (if applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Opa-Locka	b. POINT OF CONTACT NAME Yesly Guillen	c. POINT OF CONTACT TELEPHONE NUMBER (305) 953-2868
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

The City of Opa-Locka selected Terracon to provide brownfields consulting services for their \$400,000 EPA community-wide assessment grant. Terracon staff member, Belinda Richard, has worked with the City's program since 2013 to build their brownfields program and assisted in writing and securing the EPA Brownfields grant award.

Terracon has provided hands-on engineering for more than 55 projects within the City since 2007. Projects include roadway, airport, buildings, recreational, environmental and utilities.

Terracon is providing consulting services for this Brownfields project through a series of tasks. Programmatic management includes but are not limited to quarterly and annual reporting, EPA policies and procedures, progress meetings, financial coordination and the technical findings required through the closeout process. Grant services support identification, prioritization processes and selection of properties; oversight of sub-consultants; and outreach.

Outreach activities have included the Community Engagement Plan, brochures, an electronic website to coordinate brownfields information and assisted the City to host two community meetings. The Developers Forum was well attended and the audience was varied including realtors, developers, local business owners and interested residents.

Primarily grant services are dedicated to assessment evaluations. Phase I Assessments, asbestos valuation survey's and lead based paint investigation within structures. Additional Phase I information may include wetland surveys. The Generic Quality Assurance Project Plan (QAPP) was completed per regulatory compliance to support Phase II ESAs. Phase II assessments, Site-Specific QAPPs, HASPs and Site Reuse/Cleanup Planning are all components of the grant. Findings from assessment activities is reported to EPA within ACRES.

Firm's Fee: \$382,00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
b. (1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Miami Lakes, FL	(3) ROLE Prime Consultant
c. (1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Tampa, FL	(3) ROLE Prime Consultant

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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
		5
21. TITLE AND LOCATION (City and State) Senior Independent Living Community Cooper City, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2018 CONSTRUCTION (if applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Owner Unknown Client: Cameron General Contractors	b. POINT OF CONTACT NAME Bob Lewis	c. POINT OF CONTACT TELEPHONE NUMBER (402) 420-3149

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

The site is approximately 8.5 acres of vacant land that is being considered for development as a Senior Living Facility. Terracon conducted environmental engineering services to assist with evaluation of environmental conditions of the site prior to purchase of the site for construction of the proposed facility.

A Phase I ESA was performed by Terracon consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and Client Scope of Work. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) were noted and provided in the applicable sections of a report. Additional services provided by the firm include: radon records review, wetlands records review with a site investigation, threatened and endangered species review, and historic properties/archaeological resources review. Terracon conducted a review of the FMSF with the SHPO to determine if a Cultural Resource Assessment Survey or other actions are required.



The firm also conducted a LSI to assess for the presence of potential soil impacts to the site from identified RECs. The scope of services conducted during this LSI included the advancement of soil borings within the site to assess soils and collect soil samples for laboratory analysis for presence of contaminants.

Firm's Fee: \$13,485

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
b. (1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime Consultant
c. (1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Winter Park, FL	(3) ROLE Prime Consultant
d. (1). FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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H. ADDITIONAL INFORMATION

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

THE TERRACON TEAM

Terracon is a 100 percent employee-owned consulting engineering firm providing quality services to clients. Since 1965, Terracon has evolved into a successful multi-discipline firm specializing in:

- Environmental
- Facilities
- Geotechnical
- Materials



Services available
in all **50** states

Over its history, Terracon has achieved significant expansion through both internal growth and acquisitions. Terracon has more than 4,500 employees providing environmental, facilities, geotechnical, and materials services from more than 140 offices nationwide. Additionally, we partner with our U.S. clients to serve their international needs. The firm's success is further evidenced by a current ranking of 24 in *Engineering News-Record's* 2018 listing of the Top 500 Design Firms, as compared to a ranking of 50 a decade ago. Terracon's growth is due to dedicated employees who are responsive to clients, provide quality services, and take advantage of opportunities in the marketplace.

Terracon provides services on thousands of projects each year. Our culture, systems, and structure enable us to excel at both small and large projects. By combining our national resources with specific local area expertise, we consistently overcome obstacles and deliver the results our clients expect.

Terracon serves a diverse portfolio of private and public clients. By being responsive, resourceful, and reliable, we strive to exceed our clients' expectations for service, solutions, quality, and speed of delivery. Based on a deep understanding of our clients' needs, Terracon's commitment is centered around these key objectives.

Vision

We continue to view our company as a vital and growing consulting firm of engineers and scientists, providing multiple related service lines to clients at local, regional, and national levels. All of our services are delivered on a timely basis with consistently high value and attention to client needs.

SERVICES WE PROVIDE



Environmental - Negotiating the complexities of environmental issues can be challenging and time consuming. Terracon relies upon demonstrated experience and knowledge of local conditions and regulations to deliver solutions that are timely, practical and make good business sense.



Facilities - As a facility owner, manager, or investor, you constantly face challenges in managing and maintaining systems and capital expenditures to optimize building performance and maximize the return on your investment. Terracon's facility consulting group serves as your valued partner in identifying, quantifying, prioritizing, and solving system performance deficiencies and the associated risks and liabilities to your building operations.



Geotechnical - Before owners can build highways, dams, buildings and other structures, they need a partner to help determine how the characteristics of the soil conditions on the site will react under the stress caused by the weight of the structure. Terracon is that partner.



Materials Testing - If you are an owner, contractor, or engineer associated with the design and construction of structures, you want to verify that the materials used during construction comply with the project specifications. To ensure today's buildings and infrastructure perform adequately during long time periods, proper selection, quality and workmanship of materials is vital. Terracon works with clients to minimize material replacements, reduce the likelihood of deterioration, avoid potential failures, and investigate and evaluate materials-related problems and failures when they do occur.

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H. ADDITIONAL INFORMATION

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CONNECTING WITH THE COMMUNITY

At Terracon, community is important. Delivering safe, quality facilities and infrastructure projects for our clients is one way we support strong, vibrant communities – but it's not the only way. Employees across the country are committed to giving back to the communities where they live and work, sharing their time, expertise, and resources with charitable, educational, and industry organizations. Our offices proudly participate in hundreds of local philanthropic and civic events each year – and go the extra mile when disaster strikes one of our communities.

In addition to individual efforts, the Terracon Foundation was established in 2008 to support charitable efforts including disaster relief. The Foundation board of directors approved grants to several universities and disaster relief efforts in its first three years. Since then, the Foundation has expanded our philanthropic outreach as a company with a focus on education and the built and natural environment. It gives employees the opportunity to apply for local community, university, and national partner grants, allowing them to make a more significant investment in causes close to their hearts. The Foundation also began offering employee dependent scholarships in 2013.



Women in Distress of Broward County Annual Safe Walk & Run

RECOGNITION IN OUR INDUSTRY

The following highlights some of the National and Regional Awards and Recognition that Terracon has received.

ENGINEERING NEWS-RECORD (2018/2017/2016)

TOP 500 DESIGN FIRMS #24/#30/#32

- General Building #12/#12
 - Education #14/#16
 - Retail #6/#5
 - Multi-Unit Residential #15/#9
 - Commercial Offices #17/#10
 - Distribution/Warehouses #2/#4
- Transportation #41/#37
- Power #30/#32
 - Solar Power #2/#5
 - Wind Power #10
 - Transmission/Distribution Plants #15/#21
- Petroleum #47
 - Pipelines #20
- Environmental #59
 - Asbestos/Lead Abatement Design #1/#1
 - Solid Waste #10
 - Water Supply #43/#48
 - Sewerage/Solid Waste #48
 - Hazardous Waste #15/#23
 - Site Assessment and Compliance #7
- Manufacturing/Telecom
 - Industrial Process #45/#39
 - Manufacturing #33/#33
 - Telecommunications #25/#16
 - Towers/Antennae #8
- Top 200 Environmental #63/#59
- Top 150 Global Design Firms #62/#63



- Top 20 Design Firms by Sector, Hazardous Waste #13/#15
- Top 100 Pure Designers #9/#12/#16
- Top 20 Design Firms by Sector, General Building #12/#12

ENR REGIONAL AWARDS AND RECOGNITION

- Southeast Rankings
 - Top Design Firms #8/#8/#9
 - Top Environmental and Geotechnical Design Firms #3/#4/#3
 - Education/Research #9
 - Transportation #19/#19
 - Commercial #10
 - Top Alabama Design Firms #7/#5
 - Top Florida Design Firms #14/#14
 - Top Georgia Design Firms #6/#8/#7
 - Top North Carolina Design Firms #11/#10/#10
 - Top South Carolina Design Firms #5/#4/#6

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H. ADDITIONAL INFORMATION

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EQUIPMENT RESOURCES

Terracon owns over \$3 million worth of equipment used to provide environmental, geotechnical and materials testing services throughout Florida. Terracon owns a wide array of environmental equipment housed in the offices that will be responding to this contract. This equipment includes organic vapor analyzers, photoionization detectors, interface probes, water level indicators, groundwater sampling pumps, multi-function YSI and turbidity meters, combustible gas indicators, pilot test blowers, and pilot test gauges.

With Terracon, the equipment resources needed to execute the projects are always conveniently located in our primary offices that will be conducting the field work. Equipment is calibrated as required by the manufacturer and the FDEP Standard Operating Procedures (SOPs). Calibration logs are maintained for all field equipment requiring calibration. In addition, Terracon has rental agreements with three Florida-based equipment rental companies, which can provide virtually any type and quantity of equipment to Terracon within 24 hours or less. The table below lists some of the commonly used equipment.

Terracon's Environmental Equipment	
Honda 0.5 HP Centrifugal Pump	ISCO Peristaltic (Teflon Tubing)
HACH 2100P Turbidity Meter	Submersible Turbine Pump
YSI 556 Multimeter (pH, Temperature, DO, Conductivity, ORP) with Flow cell	Solinist Stainless Steel Bailer and Monofilament Line
Van Doreen Surface Water Sampler	Surface Water pole sampler
Heath PortaFID OVA	Low Volume Pump
Field Filtration Units	Polyethylene Protective Sheeting
Stainless Steel Trowel, Scoop, Spoon and Spatula (for Sampling)	YSI 63 Multiparameter Meter pH, Conductivity, Temperature, Salinity
Stainless Steel Mixing Pans (for Compositing or Homogenizing)	Heath OVA-Porta FID-DP-III & 100 ppm Methane Calibration Gas
EnCore Samplers (5g and 25g)	Moisture Meter
Stainless Steel Shelby Tube	Cole Parmer Environmental Peristaltic Pump
Stainless Steel Bucket Auger	Masterflex L/S Sampling Pump
Stainless Steel Split Spoon	Heath OVA Detecto Pack III 0 – 10,000 ppm
HACH Sension 156 Multiparameter Meter, pH, Conductivity, Temperature, D.O. Millivolts	Cole Palmer pH Buffer & Conductivity Solutions (for Meter Calibration)
PPE Kit (hard hat, Z87 glasses, vest, gloves, and hearing protection)	Garmin 12XL Global Positioning system with Beacon Receiver
Heron Instruments Water Level Indicator	Survey Level with Tripod & Rod
YSI 55 and 550A DO Meters	Digital Cameras
Teflon Bailers	High Volume Air Pumps for Asbestos
Geotech II Peristaltic pumps	In-Situ Level Trolls
Rotameters	Hach Fields Wet Chemistry Kits
1 Biopump for Mold	Moisture Meters
Air-0-Cell cassettes	High & Low Volume Pumps

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Terracon's Environmental Equipment	
PCM Microscopes	Bio Pumps
Infrared Cameras	HEPA Vacuums
TSI Q-traks	PCM and TEM Cassettes
First Aid Kit	Vehicles (4x4 pick-ups, flatbed, etc.)
Decontamination Equipment (Alconox Soap, DI Water and Liquinox)	Analyte-Free Glass Water container (for transporting organic-free water)
Generator	Nitrile Gloves
Field laptop computers	Fisher Scientific Isopropanol (for cleaning)
Boats for sampling	Munsell Soil Charts
MiniRae 3000 PID	

**PAST PERFORMANCE**

Terracon's Fort Lauderdale office, who will manage and support this undertaking, understand the needs of the City of Pembroke Pines and the type of tasks that will arise from the referenced contract. We have performed these exact services for local projects for more than two decades. We frequently work within the City's limits, and in nearby areas, for both public and private sector clients. By anticipating project requirements and adapting to challenges, we will make it easy for the City, its staff, and subcontractors to work with us. With virtually no learning curve, our team will bring high quality engineering services to this contract with a real sense for the City's time and budget constraints. The following is a sampling of local projects that Terracon has performed environmental engineering services for within the past decade.

Terracon's Local Environmental Projects		
Project Name	Client	Services Provided
Various Stores/Shopping Centers/Plazas	Confidential	Industrial hygiene (asbestos, mold, radon, health & safety), indoor air quality, Phase I & II ESAs, regulatory compliance/water studies, property condition assessments
Public Service Facility	Confidential	Natural Resources
Various Service Stations	Confidential	Phase I & II ESAs, industrial hygiene (asbestos)
Wholesale Facilities	Confidential	Phase I ESAs, site investigation, tank removal, environmental - regulatory compliance (permitting, stormwater)
Various Restaurants	Confidential	Phase I & II ESAs, industrial hygiene (asbestos, mold)

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H. ADDITIONAL INFORMATION

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

Terracon's Local Environmental Projects		
Project Name	Client	Services Provided
Various Financial Institutions	Confidential	Industrial hygiene (asbestos), Phase I ESAs
Renaissance Charter School	Red Apple Development, Inc.	Phase I ESAs
Former Drycleaners	Confidential	Industrial hygiene (asbestos), indoor air quality
Proposed Medical Facility	MedExpress	Phase I ESAs
Charging Station	Confidential	Industrial hygiene (asbestos)
Residential Complex	Confidential	Natural resources, Phase I ESA
Vacant Parcel – Johnson Street	Confidential	Phase I ESA

Additionally, one of Terracon's core businesses is to service local governments through continuing services contracts (CSCs). We have serviced the public sector for over two decades in the South Florida area. Statewide we hold over 125 CSCs (environmental, facilities, geotechnical, construction testing and inspection) with approximately 90 governmental agencies including state, county, and local governments. Many of the projects we have serviced under these CSCs include municipal buildings. Terracon has an outstanding history of contract extensions and re-selection under these contracts. Our reselection on these CSCs is indicative of our commitment and performance providing timely and cost-effective engineering services to our clients. Our South Florida clients include, but are not limited to, the following:

- Broward County
- Broward County Sheriff's Office
- City of Dania Beach
- City of Fort Lauderdale
- City of Fort Pierce
- City of Hallandale Beach
- City of Homestead
- City of Lake Worth
- City of Lauderdale Lakes
- City of Lauderhill
- City of North Lauderdale
- City of North Miami
- City of Opa-Locka
- City of Palm Beach Gardens
- City of Pompano Beach CRA
- City of Port St. Lucie
- City of West Palm Beach
- Florida Department of Management Services
- Florida Department of Transportation
- Indian River County
- Martin County
- Martin County School District
- Miami Dade College
- Miami-Dade County
- Nova Southeastern University
- Palm Beach County
- School Board of Broward County
- School District of Collier County
- School District of Palm Beach County
- South Florida Water Management District
- St. Lucie Public Schools
- Town of Jupiter
- Town of Miami Lakes
- Village of Royal Palm Beach

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H. ADDITIONAL INFORMATION

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COMMITTED TO DELIVERING SUCCESS...SAFELY**Safety first! Incident and Injury-Free (IIF)**

Safety is one of Terracon's core values and our commitment to an "Incident and Injury-Free (IIF)" philosophy is one of the pillars of our culture. Successful execution and delivery includes the need to work safely and keep our employees and the public safe every day. Terracon and its subsidiaries are very much a safety-oriented company. We strive to build health and safety into all aspects of our business and into the thinking of our employees. The culture is continued further in our everyday work culture, with all meetings beginning with an IIF moment and safety discussion.

**What is Incident and Injury-Free?**

IIF is about care and concern for people. It is our personal and organizational commitment at all levels of the company to everyone going home safe to their family every day. It is where safety is held as a core value as well as an operational priority. Working safely is an inseparable part of working correctly, just as much as other operational priorities, in particular quality, budget and schedule. Incident and Injury-Free is our commitment to our people, who we value for who they are and what they do.

Conducting our work safely means conducting our work in the only acceptable way. Incidents, injuries and accidents will not be viewed as problems to make go away, but as opportunities to strengthen Incident and Injury-Free. Incident and Injury Free is about developing a mindset intolerant of any incidents or injuries no matter how minor or infrequent.

Our Rules to Live By

Our Rules to Live By are at the foundation of our IIF culture. These give employees clear, specific ways to stay safe on the job, covering essential aspects of safety including personal protective equipment (PPE), equipment and tools, working at heights and depths, motorized vehicle safety, and reporting of injuries. We regularly use and discuss our Rules to Live By, and associated practices, in our offices and on job sites to ensure that everyone is following these fundamental rules. Our focus on pre-task planning also serves to reinforce this message every day.



Terracon can't just tell someone to "be safe"; we can, however, ask our employees to follow our Our Rules to Live By, do pre-task planning for each task every day, and follow the safe work practices they have been trained to follow to complete work at a task level. Our Rules to Live By have made a measurable difference in keeping our employees safe and in helping us preserve the trust and business with our clients.

We hope to continue our commitment to safety with the City of Pembroke Pines. We welcome the opportunity to further discuss our IIF culture and its evolution as well as how it can tie in to the City's upcoming projects.

COMMITMENT TO SUSTAINABILITY - THINKING GREEN

The employee-owners of Terracon are committed to doing their part to protect and prolong the earth's limited resources. The basic principles of sustainability (reduce, reuse and recycle) are an integral part of our corporate culture and we have a rich performance history on projects from supporting the redevelopment of impacted properties to developing soil management strategies that reduce the environmental impacts of planned site development activities. The sustainable practices employed by Terracon, which can be applied to the City of Pembroke Pines' projects, follow:



- We specify the use of on-site construction debris for engineered fill, where applicable.
- We specify the application of pervious pavements to reduce stormwater runoff.

STANDARD FORM 330 (REV. 8/2016)

H. ADDITIONAL INFORMATION

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

- Specification of increased use of recycled materials like crushed concrete in mix designs, or recycled asphalt and/or fly ash to improve soil stabilization at a site.
- Schedule site reconnaissance, investigation and operation and maintenance of remedial systems across multiple sites to reduce mobilization costs and vehicle miles traveled.
- Installation of GPS devices on all company vehicles to monitor and stop excessive speed and idling infractions to reduce GHG emissions.
- Use electronic transfer of regulatory database searches to reduce paper consumption and overnight air freight needs (i.e. reduce GHG emissions).
- Schedule trips to regulatory authorities and libraries to review historical documents and directories to include multiple site research to reduce vehicle miles traveled.
- Conduct interviews via telephone when practical to reduce vehicle miles traveled.
- Use non-destructive testing of lead in soils or in painted surfaces through X-ray Fluorescence (XRF) technology, which eliminates wastes for later disposal.
- Employ the use of smaller sample containers for laboratory samples to reduce wastes as a result of sampling.
- Use smaller concrete cylinders to reduce waste by greater than 66% on construction materials testing.
- Use direct-push sampling technology to reduce the amount of Investigation Derived Waste (IDW) for disposal.
- Provide draft and final reports electronically to clients. If hard copies are requested, then reports are printed double-sided on recycled paper.
- When designing remedial systems:
 - Pilot test if possible use sensible modeling to optimize design.
 - Look to reuse existing equipment where possible and size pipes to reduce friction and energy requirements.
 - Use granular activated carbon (GAC) to capture off-gas vapors
 - Consider bioremediation, chemical remediation or other types of insitu treatment systems if practical.
 - Identify local vendors for materials and services
- When operating remedial systems:
 - Use Variable Frequency Drives (VFDs) to allow for the control of motor speeds for specific site conditions.
 - Use continuous system optimization that allows for remote telemetry and performance monitoring.
 - Run on Off-Peak energy rates
 - Use solar power where applicable.

STANDARD FORM 330 (REV. 8/2016)

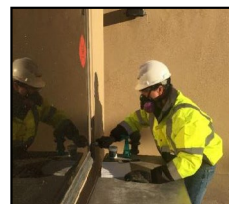
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- Where available, we recycle the waste concrete cylinders, working towards completely eliminating the need to transport waste concrete to any landfill.
- Internal programs to collect and recycle paper, cardboard, aluminum, plastic, batteries and other metal wastes from daily operations.
- Installation of programmable thermostats to keep heating and cooling systems operating as efficiently as possible.
- Terracon is committed to procure products and services that reduce negative environmental and social impacts and emphasize ecological sustainability. Preference is given to products or services that have a lesser or reduced impact on human health and the environment when compared to like products.
- All "beige" (electronic components and products, including computer monitors, etc.) wastes are disposed of by transfer to our established electronic waste recycling firm.
- Identify local vendors for materials and services

TERRACON'S UNIQUE AND OUTSTANDING SERVICES

- With an 11-office network in Florida, we can mobilize quickly and utilize additional personnel and equipment as the workload demands. Our full-service capabilities and national resources allow us the ability to coordinate our activities and maximize our cost effectiveness. By combining our national resources with specific local area expertise, we consistently overcome obstacles and deliver the results our clients expect. For example, Terracon performed environmental due diligence services for a multi-site, fast-track acquisition that was being undertaken by a national firm. Approximately 25 site assessors and numerous support staff from 17 Terracon offices worked together to provide Phase I ESAs at 495 facilities in 30 states.
- Terracon has the knowledge and proven experience to combine reconstruction with environmental remedy. We will assist you from the feasibility study through funding. Our assistance continues with siting, reconstruction/remedy, and post-construction services for risk management and monitoring institutional controls. Consulting "beyond the chemistry," Terracon provides our redevelopment clients with property-specific solutions at the pace required of business, not environmental regulation.
- Many of the environmental health and safety regulations require employee training and evaluation; therefore, Terracon utilizes its background to provide environmental health and safety training services to its diverse clientele. The training can be catered for a general audience or specific client-related needs. Terracon has also developed for clients site-specific, interactive CDs that provide a training alternative geared toward the flexibilities of a facility's employees.
- Terracon's soil scientists and professionals are trained to accurately identify soils in the field and laboratory. Terracon maintains a library of published soil surveys and accesses online soil surveys, where available. By correlating the soil types with the soil survey databases, Terracon is able to provide clients with a wide variety of information regarding their sites. The information can be used to supplement natural resource surveys or to assist with the planning and development of construction projects.
- Our Florida network includes approximately 50 environmental staff members. Our team of highly experienced professional staff, who are available to support our Fort Lauderdale office for this contract, include:
 - Florida licensed environmental engineers
 - Florida licensed geologists
 - Florida licensed mold assessors
 - Environmental scientists
 - Florida licensed asbestos consultants
 - American Board of Industrial Health (ABIH) certified industrial hygienists



STANDARD FORM 330 (REV. 8/2016)

H. ADDITIONAL INFORMATION

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- American Council for Accredited Certification (ACAC) certified indoor environmental consultants/certified indoor environmentalists Institute of Hazardous Materials Management (IHMM) Certified Hazardous materials manager
 - Florida licensed U.S. EPA certified lead-based paint inspectors
 - EPA certified lead risk assessors
 - EPA certified lead project designers
 - certified professional roof consultants
 - Asbestos Hazard Emergency Response Act (AHERA) certified inspectors
 - AHERA certified management planners
 - AHERA certified project designers
 - AHERA certified contractor/supervisors
- Terracon has full connectivity between our field personnel on the project, office engineering staff, and our clients. Each of our field personnel are equipped with a laptop and a smartphone to streamline and expedite communication related to our services. This technology optimizes our communications with our clients and ensures critical information is transmitted quickly to the project team. In order to receive and provide instant communications directly to/from a project site during construction and to expedite resolution of non-conformance issues, Terracon personnel utilize their laptops so that report forms can be filled out and, if necessary, copies of project drawings can be annotated to reflect observation locations and constructed conditions for ease of reporting and clarification of site conditions.
- Terracon is a company of scientists and engineers who understand, to be competitive, they must evaluate new and innovative technologies that will 1) provide better, more reliable data and 2) reduce project costs while maintaining project/data integrity. Terracon has successfully employed aggressive, innovative technologies such as pseudomonas bacteria injection, anaerobic bacterial injection, hydrogen peroxide injection and Fenton's Reagent to achieve rapid groundwater cleanup without the disruption of excavation. At appropriate opportunities Terracon will use these advanced technologies in their proper application for projects.
- Safety First! Safety is one of Terracon's core values, and our commitment to being an IIF company is an operational priority. We strive to build safety and wellbeing into all aspects of our business and are committed to everyone going home safely to their families every day.
- Our approach to everything we do begins with our guiding principles and core values of Leadership, Integrity, Trust, Relationship, Innovation, Excellence and Teamwork. Our philosophy is to work as an extension of your staff, focused on bringing value, timeliness and the highest caliber of environmental engineering services to the City of Pembroke Pines.



Live IIF!

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31 SIGNATURE

32 DATE

July 18, 2018

33. NAME AND TITLE

Steven A. Harrison, P.G., Environmental Lead/Contract Manager

STANDARD FORM 330 (REV. 8/2016)

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STANDARD FORM 330 (REV. 8/2016)

3. CERTIFIED MINORITY BUSINESS ENTERPRISE

Mathews Consulting is including Electrical Design Associates, Inc. (EDA) on the team to provide assistance with the electrical design for the pump station, controls, SCADA, and to assist with site lighting. EDA is a Certified Minority Woman Owned Small Business.



Electrical Design Associates, Inc

Active

Profile Commodity Codes

Name:

Electrical Design Associates, Inc

Shortname:

Business Designation:

corporation

Contact:

Lillian Reyes

Address:

8401 Lake Worth Road

Lake Worth, FL 33467

County:

Palm Beach

Phone:

561-819-5556

Fax:

561-819-5557

Email:

Lreyes@goeda.com

Designations

HISPANIC AMERICAN:

July 26, 2017 - July 26, 2019

WOMAN OWNED:

July 26, 2017 - July 26, 2019

4. OTHER COMPLETED DOCUMENTS

Included in this section are:

1. Attachment B: Vendor Information Form and W-9
2. Attachment C: Non-Collusive Affidavit
3. Attachment D: Sworn Statement on Public Entity Crimes Form
4. Attachment E: Contact Information Form
5. Attachment F: Professional Services Form
6. Attachment G: Equal Benefits Certification Form
7. Attachment H: Vendor Drug-Free Workplace Certification Form
8. Attachment I: Proposer's Completed Qualification Statement
9. Attachment L: Scrutinized Company Certification

4. Other Completed Documents

Page 77

(OFFICE USE ONLY) Vendor number: Please entirely complete this vendor information form along with the IRS Form W-9, and email to accountspayable@ppines.com

City of Pembroke Pines
Finance Department
601 City Center Way
Pembroke Pines, FL 33025

Vendor Information Form

Operating Name (Payee)	Mathews Consulting, a Baxter & Woodman Company		
Legal Name (as filed with IRS)	Baxter & Woodman, Inc.		
Remit-to Address (For Payments)	PO Box 850001		
	Orlando, Florida 32885		
Remit-to Contact Name:	Gary Gulik	Title:	Senior Accountant
Email Address:	ggulik@baxterwoodman.com		
Phone #:	815-444-3375	Fax #	815-455-0450
Order-from Address (For purchase orders)	6600 N. Andrews Ave., Suite 100		
	Fort Lauderdale, Florida 33309		
Order-from Contact Name:	Rebecca Travis	Title:	Vice President/Region Manager
Email Address:	rtravis@baxterwoodman.com		
Phone #:	561-655-6175	Fax #	561-655-6179
Return-to Address (For product returns)	N/A		
Return-to Contact Name		Title:	
Email Address:			
Phone #:		Fax #	
Payment Terms:	Net 30		

Type of Business (please check one and provide Federal Tax identification or social security Number)

☒ Corporation

Federal ID Number:

36-2845242

☐ Sole Proprietorship/Individual

Social Security No.:

☐ Partnership☐ Health Care Service Provider☐ LLC – C (C corporation) – S (S corporation) – P (partnership)☐ Other (Specify): Name & Title of Applicant John V. Ambrose, President/CEOSignature of Applicant  Date July 19, 2018

Form W-9
(Rev. December 2014)
Department of the Treasury
Internal Revenue Service

**Request for Taxpayer
Identification Number and Certification**

**Give Form to the
requester. Do not
send to the IRS.**

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Baxter & Woodman, Inc.

2 Business name/disregarded entity name, if different from above
Mathews Consulting, a Baxter & Woodman Company

3 Check appropriate box for federal tax classification; check only one of the following seven boxes:
☐ Individual/sole proprietor or single-member LLC
☒ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate
☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____
Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.
☐ Other (see instructions) ▶ _____

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
 Exempt payee code (if any) _____
 Exemption from FATCA reporting code (if any) _____
 (Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.)
477 S. Rosemary Ave., Suite 330

6 City, state, and ZIP code
West Palm Beach, FL 33401

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)
 Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.
Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number
 [] [] [] - [] [] [] - [] [] [] []
OR
Employer identification number
 [3] [6] - [2] [8] [4] [5] [2] [4] [2]

Part II Certification
 Under penalties of perjury, I certify that:
 1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
 2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
 3. I am a U.S. citizen or other U.S. person (defined below); and
 4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.
Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here Signature of U.S. person ▶ *Gary M. Gulik* Date ▶ **July 19, 2018**

General Instructions
 Section references are to the Internal Revenue Code unless otherwise noted.
Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/tw9.
Purpose of Form
 An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:
 • Form 1099-INT (interest earned or paid)
 • Form 1099-DIV (dividends, including those from stocks or mutual funds)
 • Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
 • Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
 • Form 1099-S (proceeds from real estate transactions)
 • Form 1099-K (merchant card and third party network transactions)
 • Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
 • Form 1099-C (canceled debt)
 • Form 1099-A (acquisition or abandonment of secured property)
 Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.
If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.
 By signing the filled-out form, you:
 1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
 2. Certify that you are not subject to backup withholding, or
 3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
 4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

Cat. No. 10231X Form **W-9** (Rev. 12-2014)

4. Other Completed Documents

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Form W-9 (Rev. 11-2017)

Page 2

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515, *Withholding of Tax on Nonresident Aliens and Foreign Entities*).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 28% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the instructions for Part II for details),
3. The IRS tells the requester that you furnished an incorrect TIN,
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate Instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships*, earlier.

What is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

4. Other Completed Documents

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Form W-9 (Rev. 11-2017)

Page 3

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note: TIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C corporation, or S corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation
• Individual • Sole proprietorship, or • Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.	Individual/sole proprietor or single-member LLC
• LLC treated as a partnership for U.S. federal tax purposes, • LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or • LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
• Partnership	Partnership
• Trust/estate	Trust/estate

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

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Page 4

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, write NEW at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/Businesses and clicking on Employer Identification Number (EIN) under Starting a Business. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or SS-4 mailed to you within 10 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

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1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABL accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²
5. a. The usual revocable savings trust (grantor is also trustee) b. So-called trust account that is not a legal or valid trust under state law	The grantor-trustee ¹ The actual owner ¹
6. Sole proprietorship or disregarded entity owned by an individual	The owner ³
7. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor ⁴
For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity ⁴
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee

For this type of account:	Give name and EIN of:
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships*, earlier.

***Note:** The grantor also must provide a Form W-9 to trustee of trust.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes.

Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

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The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at spam@uce.gov or report them at www.ftc.gov/complaint. You can contact the FTC at www.ftc.gov/idtheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.IdentityTheft.gov and Pub. 5027.

Visit www.irs.gov/identitytheft to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

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City of Pembroke Pines

Attachment C

NON-COLLUSIVE AFFIDAVIT

BIDDER is the President/CEO
(Owner, Partner, Officer, Representative or Agent)

BIDDER is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

Such Bid is genuine and is not a collusive or sham Bid;

Neither the said BIDDER nor any of its officers, partners, owners, agents, representative, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted; or to refrain from bidding in connection with such Contract; or have in any manner, directly or indirectly, sought by agreement or collusion, or communications, or conference with any BIDDER, firm, or person to fix the price or prices in the attached Bid or any other BIDDER, or to fix any overhead, profit, or cost element of the Bid Price or the Bid Price of any other BIDDER, or to secure through any collusion conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Contract;

The price of items quoted in the attached Bid are fair and proper and are not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

Printed Name/Signature

John V. Ambrose *

Title President/CEO

Name of Company

Mathews Consulting, a Baxter & Woodman Company *

Please enter your password below and click Save to save your response.

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

To take exception:

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

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DPX Form

Username **marketing@baxterwoodman.com**

Password *

[Save](#) [Take Exception](#) [Close](#)

* Required fields

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Supplier Response Form



City of Pembroke Pines

Attachment D

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

1. This sworn statement is submitted Mathews Consulting, a Baxter & Woodman Company (name of entity submitting sworn statement) whose business address is 6600 N. Andrews Ave., Fort Lauderdale, FL 33309 and (if applicable) its Federal Employer Identification Number (FEIN) is 36-2845242. (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: .)
2. My name is John V. Ambrose and my
(Please print name of individual signing)

relationship to the entity named above is President/CEO.
3. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
4. I understand that a "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
5. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
 1. A predecessor or successor of a person convicted of a public entity crime: or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The Cityship by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
6. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which

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

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

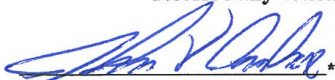
☒ A) Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent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

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

☐ B1) There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B2) The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B3) The person or affiliate has not been placed on the convicted vendor list. **(Please describe any action taken by or pending with the Department of General Services.)**



Bidder's Name/Signature

Mathews Consulting, a Baxter & Woodman Company July 19, 2018 *

Company

Date

Please enter your password below and click Save to save your response.

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

To take exception:

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

Username **marketing@baxterwoodman.com**

Password *

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[Save](#) [Take Exception](#) [Close](#)

* Required fields

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PROFESSIONAL SERVICES FORM

Please check the boxes shown below that your company wants to be considered for:

<input checked="" type="checkbox"/>	General Civil and Environmental Engineering Services
<input type="checkbox"/>	Treatment Plant Process Engineering Services
<input type="checkbox"/>	Electrical Engineering Services
<input type="checkbox"/>	Geotechnical Services
<input type="checkbox"/>	Structural Engineering Services
<input checked="" type="checkbox"/>	Land Surveying Services
<input type="checkbox"/>	General Architectural Services
<input type="checkbox"/>	Landscape Architecture Services
<input type="checkbox"/>	Hydro-Geological Services
<input type="checkbox"/>	FDOT Roadway Engineering Services

Please enter your password below and click Save to save your response.

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

To take exception:

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

Username **marketing@baxterwoodman.com**

Password *

[Save](#) [Take Exception](#) [Close](#)

* Required fields

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DPX Form

Supplier Response Form
CONTACT INFORMATION FORM

IN ACCORDANCE WITH "RFQ # PSEN-18-02" titled "Professional Service Providers (Architectural, Engineering, Surveying & Mapping)" attached hereto as a part hereof, the undersigned submits the following:

A) Contact Information

The Contact information form shall be electronically signed by one duly authorized to do so, and in case signed by a deputy or subordinate, the principal's properly written authority to such deputy or subordinate must accompany the proposal. This form must be completed and submitted through www.bidsync.com as part of the bidder's submittal.

COMPANY INFORMATION:

COMPANY: Mathews Consulting, a Baxter & Woodman Company

STREET ADDRESS: 6600 North Andrews Avenue

CITY, STATE & ZIP CODE: Fort Lauderdale, Florida 33309

PRIMARY CONTACT FOR THE PROJECT:

NAME: Rebecca Travis TITLE: Vice President/Region Manager

E-MAIL: rtravis@baxterwoodman.com

TELEPHONE: 561-655-6175 FAX: 561-655-6179

CORPORATE OFFICER AUTHORIZED APPROVER:

NAME: John V. Ambrose TITLE: President/CEO

E-MAIL: jambrose@baxterwoodman.com

TELEPHONE: 815-444-3274 FAX: 815-455-0450

SIGNATURE:



Please enter your password below and click Save to save your response.

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

To take exception:

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

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By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

Username **marketing@baxterwoodman.com**

Password *

[Save](#) [Take Exception](#) [Close](#)

* Required fields

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Supplier Response Form

City of Pembroke Pines

Attachment G

**EQUAL BENEFITS CERTIFICATION FORM
FOR DOMESTIC PARTNERS AND ALL MARRIED COUPLES**

Except where federal or state law mandates to the contrary, a Contractor awarded a Contract pursuant to a competitive solicitation shall provide benefits to Domestic Partners and spouses of its employees, irrespective of gender, on the same basis as it provides benefits to employees' spouses in traditional marriages.

The Contractor shall provide the City and/or the City Manager or his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this section, and upon request shall provide evidence that the Contractor is in compliance with the provisions of this section upon each new bid, contract renewal, or when the City Manager has received a complaint or has reason to believe the Contractor may not be in compliance with the provisions of this section. Records shall include but not be limited to providing the City and/or the City Manager or his/her designee with certified copies of the Contractor's records pertaining to its benefits policies and its employment policies and practices.

The Contractor must conspicuously make available to all employees and applicants for employment the following statement:

"During the performance of a contract with the City of Pembroke Pines, Florida, the Contractor will provide Equal Benefits to its employees with spouses, as defined by Section 35.39 of the City's Code of Ordinances, and its employees with Domestic Partners and all Married Couples".

The posted statement must also include a City contact telephone number and email address which will be provided to each contractor when a covered contract is executed.

SECTION 1 DEFINITIONS

1. **Benefits** means the following plan, program or policy provided or offered by a contractor to its employees as part of the employer's total compensation package which may include but is not limited to sick leave, bereavement leave, family medical leave, and health benefits.
2. **Cash Equivalent** mean the amount of money paid to an employee with a domestic partner or spouse in lieu of providing benefits to the employee's domestic partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee for his or her spouse from a traditional marriage.
3. **Covered Contract** means a contract between the City and a contractor awarded subsequent to the date when this section becomes effective valued at over \$25,000 or the threshold amount required for competitive bids as required in section 35.18(A) of the Procurement Code.
4. **Domestic Partner** shall mean any two (2) adults of the same or different sex who have registered as domestic partners with a governmental body pursuant to state or local law authorizing such registration, or with an internal registry maintained by the employer of at least one of the domestic partners. A contractor may institute an internal registry to allow for the provision of equal benefits to employees with domestic partners who do not register their partnerships pursuant to a governmental body authorizing such registration, or who are located in a jurisdiction where no such governmental domestic partnership registry exists. A contractor that institutes such registry shall not impose criteria for registration that are more stringent than those required for domestic partnership registration by the City of Pembroke Pines.

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7/16/2018

DPX Form

5. **Equal benefits** means the equality of benefits between employees with spouses and/or dependents of spouses and employees with domestic partners and/or dependents of domestic partners, and/or between spouses of employees and/or dependents of spouses and domestic partners of employees and/or dependents of domestic partners.
6. **Spouse** means one member of a married pair legally married under the laws of any state within the United States of America or any other jurisdiction under which such marriage is legally recognized, irrespective of gender.
7. **Traditional marriage** means a marriage between one man and one woman.

SECTION 2 CERTIFICATION OF CONTRACTOR

The firm providing a response, by virtue of the signature below, certifies that it is aware of the requirements of Section 35.39 "City Contractors providing Equal Benefits for Domestic Partners and all Married Couples" of the City's Code of Ordinances, and certifies the following (**Check only one box below**):

- ☐ A. Contractor currently complies with the requirements of this section; or
- ☐ B. Contractor will comply with the conditions of this section at the time of contract award; or
- ☐ C. Contractor will not comply with the conditions of this section at the time of contract award; or
- ☐ D. Contractor does not comply with the conditions of this section because of the following allowable exemption (**Check only one box below**):
- ☐ 1. The Contractor does not provide benefits to employees' spouses in traditional marriages;
- ☐ 2. The Contractor provides an employee the cash equivalent of benefits because the Contractor is unable to provide benefits to employees' Domestic Partners or spouses despite making reasonable efforts to provide them. To meet this exception, the Contractor shall provide a notarized affidavit that it has made reasonable efforts to provide such benefits. The affidavit shall state the efforts taken to provide such benefits and the amount of the cash equivalent. Cash equivalent means the amount of money paid to an employee with a Domestic Partner or spouse rather than providing benefits to the employee's Domestic Partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee's spouse;
- ☐ 3. The Contractor is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated supervised or controlled by or in conjunction with a religious organization, association, or society;
- ☐ 4. The Contractor is a governmental agency;

The certification shall be signed by an authorized officer of the Contractor. Failure to provide such certification (by checking the appropriate boxes above along with completing the information below) shall result in a Contractor being deemed non-responsive.

COMPANY NAME:

*

AUTHORIZED OFFICER NAME / SIGNATURE:

*

Please enter your password below and click Save to save your response.

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an

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7/16/2018

DPX Form

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6. **Spouse** means one member of a married pair legally married under the laws of any state within the United States of America or any other jurisdiction under which such marriage is legally recognized, irrespective of gender.
7. **Traditional marriage** means a marriage between one man and one woman.

SECTION 2 CERTIFICATION OF CONTRACTOR

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- ☒ A. Contractor currently complies with the requirements of this section; or
- ☐ B. Contractor will comply with the conditions of this section at the time of contract award; or
- ☐ C. Contractor will not comply with the conditions of this section at the time of contract award; or
- ☐ D. Contractor does not comply with the conditions of this section because of the following allowable exemption (**Check only one box below**):
- ☐ 1. The Contractor does not provide benefits to employees' spouses in traditional marriages;
- ☐ 2. The Contractor provides an employee the cash equivalent of benefits because the Contractor is unable to provide benefits to employees' Domestic Partners or spouses despite making reasonable efforts to provide them. To meet this exception, the Contractor shall provide a notarized affidavit that it has made reasonable efforts to provide such benefits. The affidavit shall state the efforts taken to provide such benefits and the amount of the cash equivalent. Cash equivalent means the amount of money paid to an employee with a Domestic Partner or spouse rather than providing benefits to the employee's Domestic Partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee's spouse;
- ☐ 3. The Contractor is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated supervised or controlled by or in conjunction with a religious organization, association, or society;
- ☐ 4. The Contractor is a governmental agency;

The certification shall be signed by an authorized officer of the Contractor. Failure to provide such certification (by checking the appropriate boxes above along with completing the information below) shall result in a Contractor being deemed non-responsive.

COMPANY NAME: Mathews Consulting, a Baxter & Woodman Company *

AUTHORIZED OFFICER NAME / SIGNATURE: John V. Ambrose/

Please enter your password below and click Save to save your response.

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an

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City of Pembroke Pines

Attachment M

VENDOR DRUG-FREE WORKPLACE CERTIFICATION FORM

SECTION 1 GENERAL TERM

Preference may be given to vendors submitting a certification with their bid/proposal certifying they have a drug-free workplace in accordance with Section 287.087, Florida Statutes. This requirement affects all public entities of the State and becomes effective January 1, 1991. The special condition is as follows:

IDENTICAL TIE BIDS - Preference may be given to businesses with drug-free workplace programs. Whenever two or more bids that are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drugfree workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

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

SECTION 2 AFFIRMATION

☒ Place a check mark here only if affirming bidder **complies fully** with the above requirements for a Drug-Free Workplace.

☐ Place a check mark here only if affirming bidder **does not** meet the requirements for a Drug-Free Workplace.

Failure to complete this certification at this time (by checking either of the boxes above) shall render the vendor ineligible for Drug-Free Workplace Preference. This form must be completed by/for the proposer; the proposer WILL NOT qualify for Drug-Free Workplace Preference based on their sub-contractors' qualifications.

Authorized Signature

John V. Ambrose

Authorized Signer Name

Mathews Consulting, a
Baxter & Woodman Company
Company Name



City of Pembroke Pines

Attachment I

PROPOSER'S QUALIFICATIONS STATEMENT

PROPOSER shall furnish the following information. Failure to comply with this requirement will render Bid non-responsive and shall cause its rejection. Additional sheets shall be attached as required.

PROPOSER'S Name and Principal Address:

6600 N. Andrews Avenue

Fort Lauderdale, Florida 33309

Contact Person's Name and Title: Rebecca Travis, Vice President/Region Manager

Contact Person's E-mail Address: rtravis@baxterwoodman.com

PROPOSER'S Telephone and Fax Number: 561-655-6175ph/561-655-6179 fax

PROPOSER'S License Number: F16000002059/31795/LB8175

(Please attach certificate of status, competency, and/or state registration.)

PROPOSER'S Federal Identification Number: 36-2845242

Number of years your organization has been in business 72

State the number of years your firm has been in business under your present business name 2

State the number of years your firm has been in business in the work specific to this solicitation:
72

Names and titles of all officers, partners or individuals doing business under trade name:

John V. Ambrose, President/CEO

Derek J. Wold, Vice President

Louis D. Haussmann, Vice President/COO

Christopher T. Sosnowski, Vice President/Treasurer

Deborah Finn, Vice President/Secretary/CMO

The business is a: Sole Proprietorship ☐ Partnership ☐ Corporation ☒

IF USING A FICTITIOUS NAME, SUBMIT EVIDENCE OF COMPLIANCE WITH FLORIDA FICTITIOUS NAME STATUTE. (ATTACH IN PROPOSER EXHIBIT SECTION)

4. Other Completed Documents

Page 97



City of Pembroke Pines

Attachment I

Under what former name has your business operated? Include a description of the business. Failure to include such information shall be deemed to be intentional misrepresentation by the City and shall render the proposer RFP submittals non-responsive.

Mathews Consulting, Inc. was acquired by Baxter & Woodman, Inc. in 2016. Mathews

Consulting, Inc. specialized in municipal/civil engineering for clients throughout South

Florida.

At what address was that business located?

477 S. Rosemary Avenue, Suite 330

West Palm Beach, Florida 33401

Name, address, and telephone number of surety company and agent who will provide the required bonds on this contract:

N/A

Have you ever failed to complete work awarded to you. If so, when, where and why?

No

Have you personally inspected the proposed WORK and do you have a complete plan for its performance?

Yes

4. Other Completed Documents

Page 98



City of Pembroke Pines

Attachment I

Will you subcontract any part of this WORK? If so, give details including a list of each subcontractor(s) that will perform work in excess of ten percent (10%) of the contract amount and the work that will be performed by each subcontractor(s).

Yes. Neither of our subcontractors, EDA and Terracon, will perform work that is in excess of ten percent of the contract amount.

The foregoing list of subcontractor(s) may not be amended after award of the contract without the prior written approval of the Contract Administrator, whose approval shall not be reasonably withheld.

List and describe all bankruptcy petitions (voluntary or involuntary) which have been filed by or against the Proposer, its parent or subsidiaries or predecessor organizations during the past five (5) years. Include in the description the disposition of each such petition.

None

List and describe all successful Bond claims made to your surety (ies) during the last five (5) years. The list and descriptions should include claims against the bond of the Proposer and its predecessor organization(s).

None

List all claims, arbitrations, administrative hearings and lawsuits brought by or against the Proposer or its predecessor organizations(s) during the last (10) years. The list shall include all case names; case, arbitration or hearing identification numbers; the name of the project over which the dispute arose; and a description of the subject matter of the dispute.

Please see attached list.

4. Other Completed Documents

Page 99



City of Pembroke Pines

Attachment I

List and describe all criminal proceedings or hearings concerning business related offenses in which the Proposer, its principals or officers or predecessor organization(s) were defendants.

None

Has the Proposer, its principals, officers or predecessor organization(s) been CONVICTED OF A Public Entity Crime, debarred or suspended from bidding by any government entity? If so, provide details.

No

Are you an ☒ Original provider ☐ sales representative ☐ distributor, ☐ broker, ☐ manufacturer ☐ other, of the commodities/services proposed upon? If other than the original provider, explain below.

Have you ever been debarred or suspended from doing business with any governmental agency? If yes, please explain:

No



City of Pembroke Pines

Attachment I

Describe the firm's local experience/nature of service with contracts of similar size and complexity, in the previous three (3) years:

Mathews Consulting has provided identical services to those Pembroke Pines is requesting
for the Cities of Pompano Beach, Lake Worth, Delray Beach, Boca Raton, West Palm
Beach, and Tamarac; the Towns of Lauderdale-by-the-Sea and Lantana; and Palm Beach
County Water Utilities Dept. within the past three years, to name a few.

The PROPOSER acknowledges and understands that the information contained in response to this Qualification Statement shall be relied upon by CITY in awarding the contract and such information is warranted by PROPOSER to be true. The discovery of any omission or misstatement that materially affects the PROPOSER'S qualifications to perform under the contract shall cause the CITY to reject the Bid, and if after the award, to cancel and terminate the award and/or contract.

Mathews Consulting, a Baxter & Woodman Company
(Company Name)

John V. Ambrose/ 
(Printed Name/Signature)

Supplier Response Form

City of Pembroke Pines

Attachment L

**SCRUTINIZED COMPANY CERTIFICATION
PURSUANT TO FLORIDA STATUTE § 287.135**

I, John V. Ambrose/President, on behalf of Mathews Consulting, a Baxt,
Print Name and Title Company Name

certify that

Mathews Consulting, a BaxtCompany Name

1. Does not participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel list; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
5. Has not engaged in business operations in Syria.

Submitting a false certification shall be deemed a material breach of contract. The City shall provide notice, in writing, to the Contractor of the City's determination concerning the false certification. The Contractor shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If the Contractor does not demonstrate that the City's determination of false certification was made in error then the City shall have the right to terminate the contract and seek civil remedies pursuant to Florida Statute § 287.135.

Section 287.135, Florida Statutes, prohibits the City from: 1) Contracting with companies for goods or services in any amount if at the time of bidding on, submitting a proposal for, or entering into or renewing a contract if the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, F.S. or is engaged in a boycott of Israel; and 2) Contracting with companies, for goods or services over \$1,000,000.00 that are on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector list, created pursuant to s. 215.473, or are engaged in business operations in Syria.

As the person authorized to sign on behalf of the Contractor, I hereby certify that the company identified above in the section entitled "Contractor Name" does not participate in any boycott of Israel, is not listed on the Scrutinized Companies that Boycott Israel List, is not listed on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, and is not engaged in business operations in Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject the company to civil penalties, attorney's fees, and/or costs. I further understand that any contract with the City for goods or services may be terminated at the option of the City if the company is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan list or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

Mathews Consulting, a Baxt
Company Name

John V. Ambrose
Print Name / Signature

President/CEO
Title

Please enter your password below and click Save to save your response.

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

To take exception:

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

Username **marketing@baxterwoodman.com**

Password *

[Save](#)

[Take Exception](#)

[Close](#)

* Required fields

State of Florida Department of State

I certify from the records of this office that BAXTER & WOODMAN, INC. is an Illinois corporation authorized to transact business in the State of Florida, qualified on May 2, 2016.

The document number of this corporation is F16000002059.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 4, 2018, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Fourth day of January, 2018*



Ken Dietz
Secretary of State

Tracking Number: CU2615746936

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

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



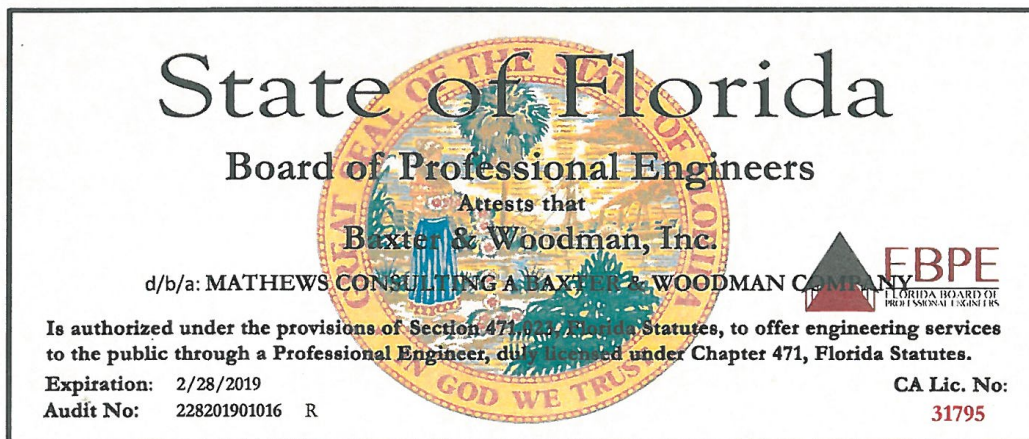
Florida Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Baxter & Woodman, Inc.
8678 RIDGEFIELD ROAD
CRYSTAL LAKE, IL 60012

Each licensee is solely responsible for notifying the Florida Board of Professional Engineers in writing the licensee's current address.

Name changes require legal documentation showing name change. An original, a certified copy, or a duplicate of an original or certified copy of a document which shows the legal name change will be accepted unless there is a question about the authenticity of the document raised on its face, or because the genuineness of the document is uncertain, or because of another matter related to the application.

At least 90 days prior to the expiration date shown on this license, a notice of renewal will be sent to your last known address. If you have not yet received your notice 60 days prior to the expiration date, please call (850) 521-0500, or write, Florida Board of Professional Engineers, 2639 North Monroe Street, Suite B-112, Tallahassee, FL 32303-5268 or e-mail: board@fbpe.org. Our website address is <http://www.fbpe.org>.





Florida Department of Agriculture and Consumer Services
 Division of Consumer Services
 Board of Professional Surveyors and Mappers
 2005 Apalachee Pkway Tallahassee, Florida 32399-6500
 800HELPFLA(435-7352) or (850) 488-2221

January 3, 2017

BAXTER & WOODMAN, INC.
 477 S ROSEMARY AVE STE 330
 WEST PALM BEACH, FL 33401-5798

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB8175

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2019.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here



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

License No.: **LB8175**

Expiration Date: February 28, 2019

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

BAXTER & WOODMAN, INC.
 477 S ROSEMARY AVE STE 330
 WEST PALM BEACH, FL 33401-5798

ADAM H. PUTNAM
 COMMISSIONER OF AGRICULTURE

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

4. Other Completed Documents

Page 104

Baxter & Woodman, Inc. History of Litigation						
Case Status	Case #	Court	Case Name	Summary	Status of Active Litigation	Outcome
Inactive	12 LA 99	12th Judicial Circuit, McHenry County, IL	Nichols vs Berles, Curran Contracting Co., Maintenance Coatings Co., and Baxter & Woodman, Inc.	A worker was killed on an IDOT construction project on IL 47 in Woodstock, IL. Baxter & Woodman, Inc. provided design phase services for the project.		Baxter & Woodman was dismissed from the case on August 13, 2014. Upon appeal by the plaintiff, the Appellate Court affirmed Baxter & Woodman's dismissal on 9/15/2015.
Inactive	14 L 3131	Circuit Court of Cook County, IL	Richard Klein vs K-5 Construction Corp., the Village of Park Forest, and Baxter & Woodman, Inc.	Mr. Klein fell off his bicycle on a project in Park Forest, IL for which Baxter & Woodman, Inc. provided design and construction engineering services.	Settlement Agreement on May 3, 2016	Baxter & Woodman paid \$7,400
Inactive	14 CH 10315	Circuit Court of Cook County, IL	Baxter & Woodman Control Systems Integration, LLC vs The Hanover Insurance Company and Maxim Construction Corporation, Inc.	Suit for payment of \$256,820 due BWCSI for work done at the Broadview-Westchester Joint Water Agency 10th Avenue Pump Station Replacement project for which Maxim Corporation, Inc. was the General Contractor.	Settlement Agreement on June 28, 2016	Baxter & Woodman received \$78,500
Active	15 L 134	18th Judicial Court of DuPage County, IL	Village of Itasca vs Baxter & Woodman, Inc. and Baxter & Woodman Control Systems Integration, LLC	<p>After nearly 1.5 years of operation, the Village alleges that sludge dewatering and UV disinfection systems designed by Baxter & Woodman, Inc. for the new wastewater treatment plant are not operating consistently with the performance criteria in the project specifications. The Village alleges that the SCADA system designed by Baxter & Woodman Control Systems Integration, LLC has operational issues.</p> <p>Use this summary in proposals per JVA 10/17: Baxter & Woodman stands by our engineering design. During construction, start-up and continuing for the past two years, Baxter & Woodman engineers have worked together with the Itasca wastewater operators to make adjustments to the operations and equipment at the new wastewater treatment facility.</p>	<p>An Answer to the Complaint has been filed. Dismissal with prejudice of the litigation expected in March, 2018.</p> <p>Use this outcome/status in proposals per JVA 02/18: Dismissal with prejudice of the litigation expected in March, 2018</p>	Amicably resolved by both parties and the case was dismissed with prejudice April, 2018

4. Other Completed Documents

Page 105

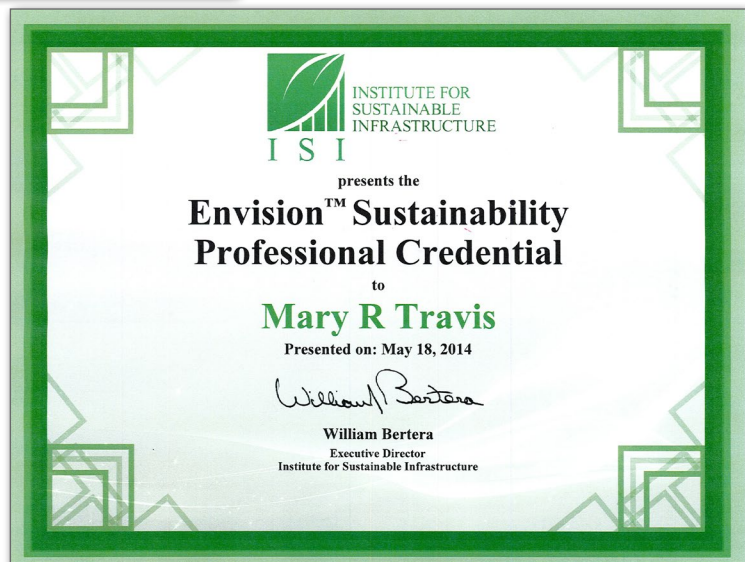
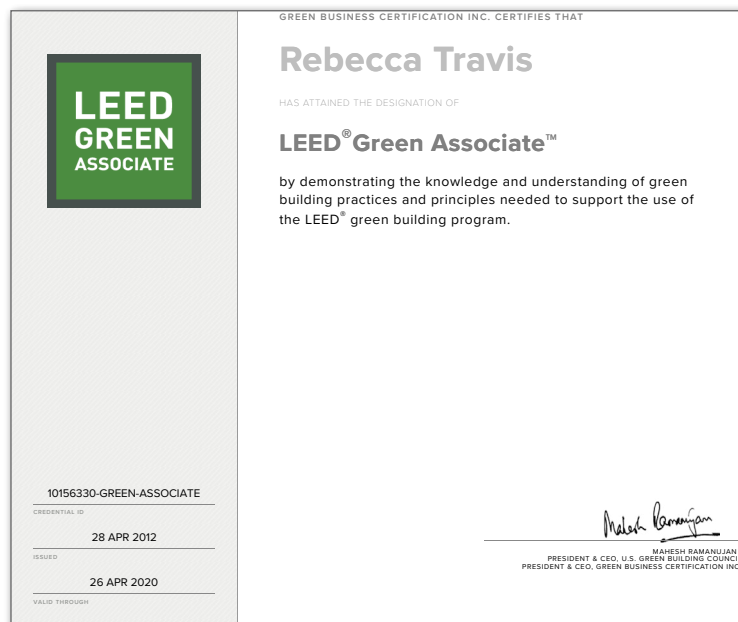
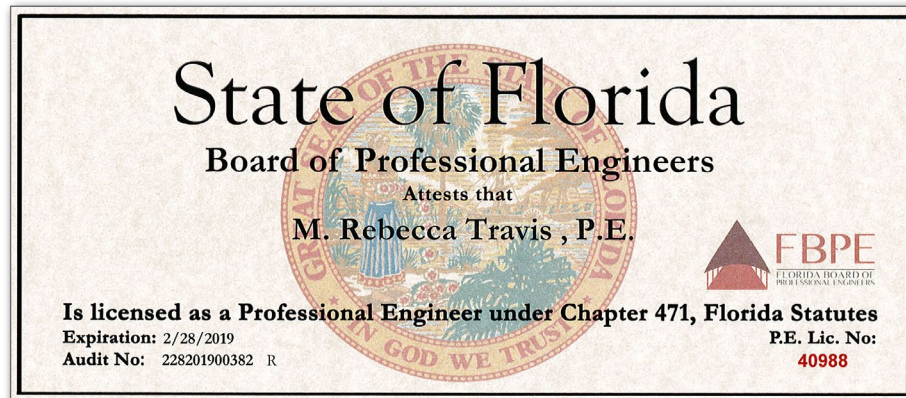
Baxter & Woodman, Inc. History of Litigation						
Case Status	Case #	Court	Case Name	Summary	Status of Active Litigation	Outcome
Inactive	15 M 3345	Circuit Court of Cook County, IL	Thorn Creek Basin Sanitary District vs Baxter & Woodman, Inc.	Suit involves a corrosion control study for which Baxter & Woodman, Inc. provided preliminary engineering services. The District alleges that recommendations made to install a system for sulfide corrosion control of wastewater pipes by Baxter & Woodman, Inc. were ineffective.	A Motion to Dismiss the Complaint was filed on June 18, 2015. Reply Brief was submitted on September 30, 2015. Four of six motions were dismissed with prejudice on November 13, 2015. Submitted Baxter & Woodman's answers and Affirmative Defenses to the District Amended Complaint on July 1, 2016. Both our General Liability carrier and Professional Liability carrier have agreed to share in the cost of our defense. Preliminary settlement agreement occurred on January 17, 2017.	Case was dismissed with prejudice on May 19, 2017.
Inactive			City of Wood Dale for the use and benefit of Baxter & Woodman Control Systems Integration, LLC vs The Hanover Insurance Company and Maxim Construction Corporation, Inc.	Suit for payment of \$137,000 due BWCSI for work done at the Wood Dale Wastewater Treatment Plant project for which Maxim Corporation, Inc. was the General Contractor.		Case was settled in November, 2014
Inactive	14 L 747	18th Judicial Court of DuPage County, IL	Sherrie D. W. Lester vs Central Blacktop Co., et al	Ms. Lester fell off her bicycle on a project in DuPage County, IL for which Baxter & Woodman, Inc. provided construction engineering services.	Settlement Agreement on July 8, 2015.	Baxter & Woodman paid \$2,500.
Inactive	12 LA 1934	Circuit Court of Cook County, IL	Collins vs Trine Construction Corp., USIC Locating Services, NICOR Gas Co., and Village of Park Forest	A gas explosion in a duplex resulted in personal injuries and total loss of property.		Dismissed from the suit on December 4, 2014.
Inactive	10 L 664	Circuit Court of Will County, IL	Svach vs Fiala vs USIC Locating vs Baxter & Woodman, Inc.	A worker was injured on a Will County project for which Baxter & Woodman, Inc. provided construction engineering services.		Settled in mediation in which the plaintiff accepted a settlement which included a \$1,500 contribution from Baxter & Woodman, Inc.
Inactive	14 L 12107	Circuit Court of Cook County, IL	Brian Dougherty and Nicola Dougherty vs AMEC Environment, et al.	Suit involves a personal injury on an Illinois Tollway project. Baxter & Woodman, Inc. provided construction services for the Tollway, but not on the project where the injury occurred.		Dismissed from the suit on January 20, 2015.
Inactive	12 LA 158	22nd Judicial Circuit, McHenry County, IL	DeRusha vs Glasder Builders, Inc., Baxter & Woodman, Inc., and County of McHenry	Property owner suffered property damage due to flooding from recently built subdivision.		Dismissed with prejudice on March 19, 2013

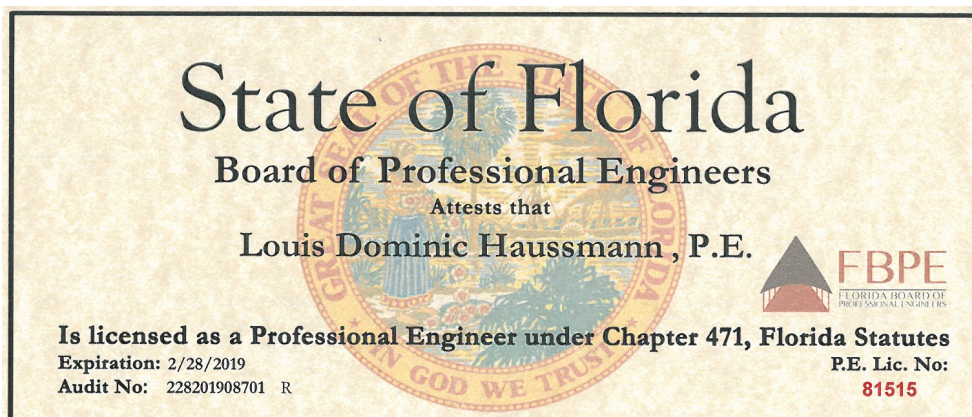
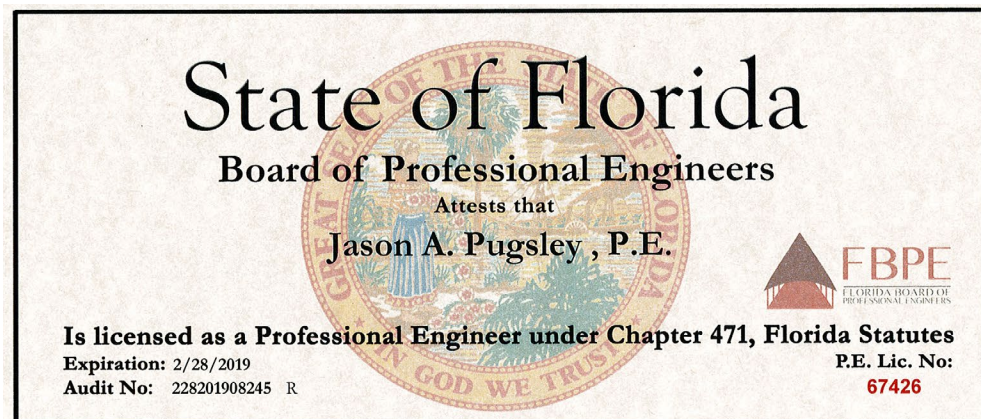
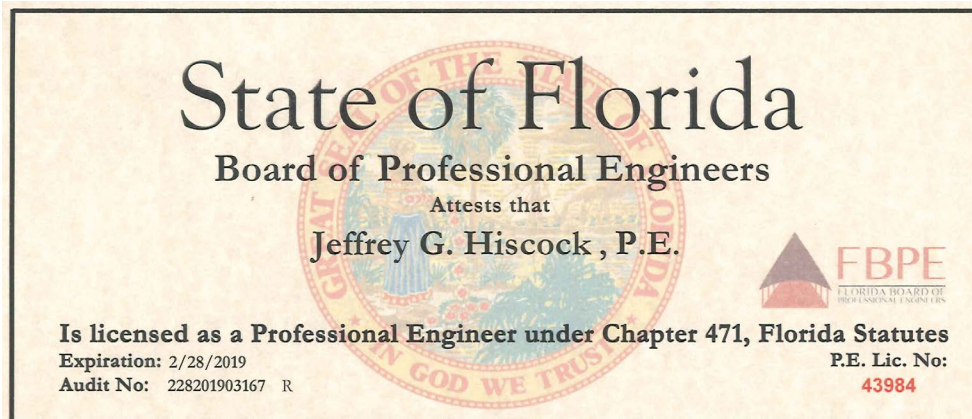
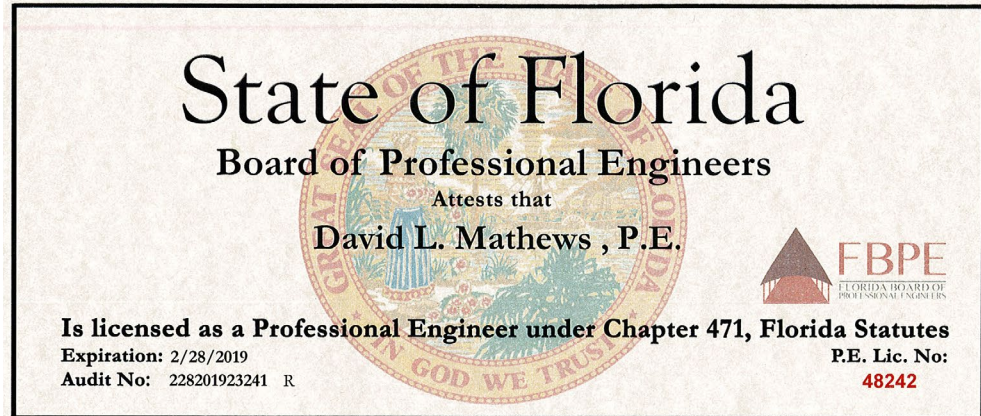
4. Other Completed Documents

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Baxter & Woodman, Inc. History of Litigation						
Case Status	Case #	Court	Case Name	Summary	Status of Active Litigation	Outcome
Inactive	06 LM 2691	12th Judicial Circuit, Will County, IL	Edward Bloom vs Village of Bollingbrook, et al	A traffic accident with injuries occurred in a construction zone of a project for which Baxter & Woodman, Inc. provided construction engineering services.		Settled: Baxter & Woodman paid \$13,000
Inactive	10 L 00203	Circuit Court of Will County, IL	Joe Taylor vs Williams Brothers Construction Co., Inc, Baxter & Woodman, Inc.	A painter for the painting subcontractor was injured on the job site by tripping over debris near job trailer.		Dismissed from suit on April 9, 2012

5. PROFESSIONAL REGISTRATION CERTIFICATES





5. Professional Registration Certificates

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Florida Department of Agriculture and Consumer Services
 Division of Consumer Services
 Board of Professional Surveyors and Mappers
 2005 Apalachee Pkway Tallahassee, Florida 32399-6500
 800HELPFLA(435-7352) or (850) 488-2221

January 12, 2017

THOMAS ANTHONY ENGLISH
 2400 NE 65TH ST APT 320
 FT LAUDERDALE, FL 33308-1566

SUBJECT: Professional Surveyor and Mapper License # LS6930

Your application / renewal as a professional surveyor and mapper as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2019.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here



Florida Department of Agriculture
 and Consumer Services
 Board of Professional Surveyors
 and Mappers

LS6930

Professional Surveyor and Mapper
 THOMAS ANTHONY ENGLISH

IS LICENSED under the provisions of Ch. 472 FS
 Expiration date: February 28, 2019

Detach Here



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

License No.: LS6930

Expiration Date February 28, 2019

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

THOMAS ANTHONY ENGLISH
 2400 NE 65TH ST APT 320
 FT LAUDERDALE, FL 33308-1566

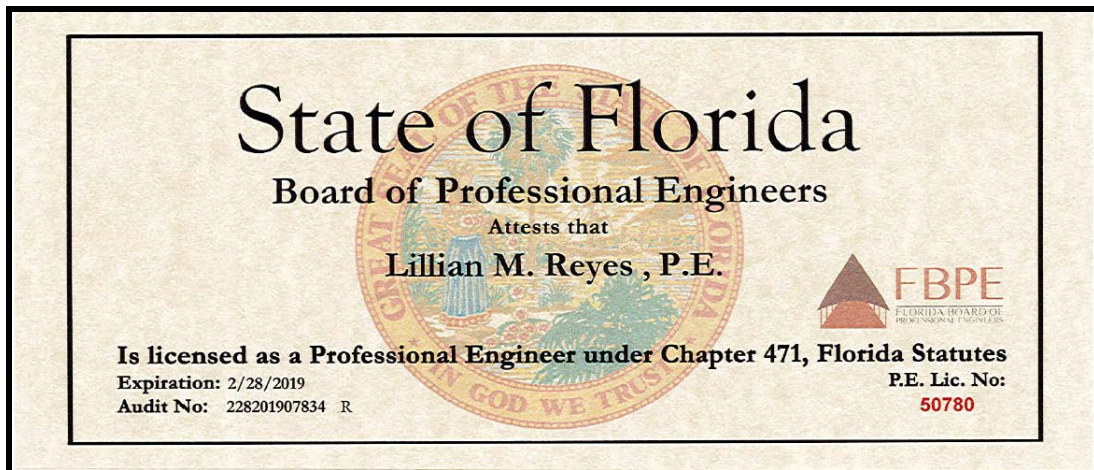
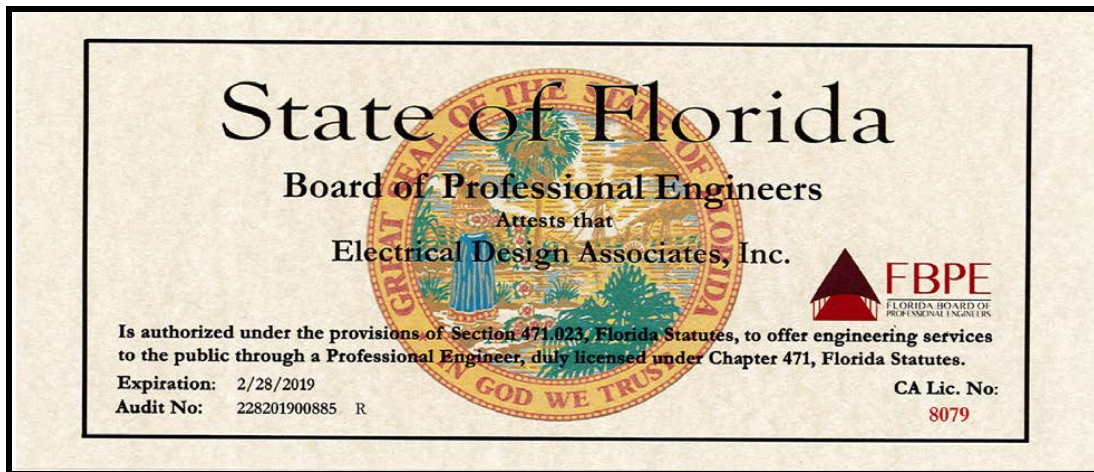
ADAM H. PUTNAM
 COMMISSIONER OF AGRICULTURE

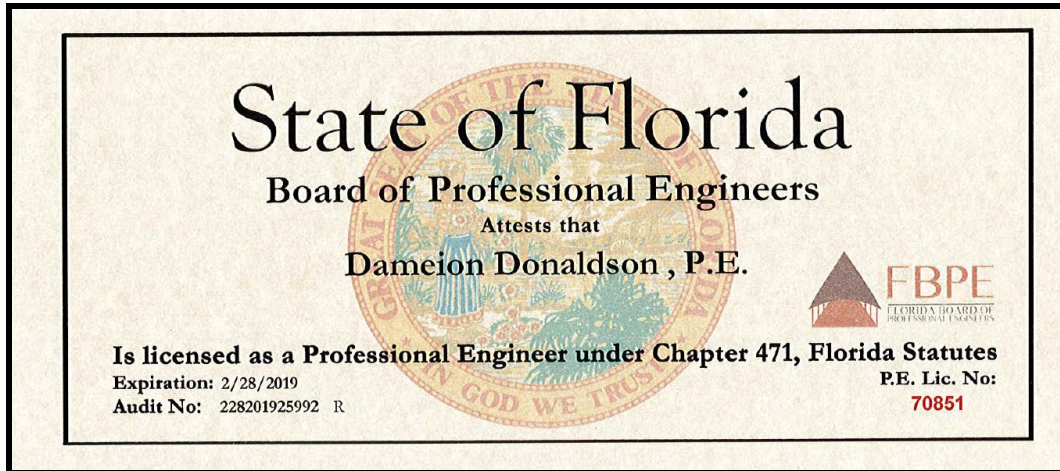
This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



Electrical Design Associates
INC.

PROFESSIONAL LICENSES





5. Professional Registration Certificates

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Florida DBPR ONLINE SERVICES

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5:20:06 PM 7/23/2018

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Search Results

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

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

License Type	Name	Name Type	License Number/Rank	Status/Expires
Professional Geologist	HARRISON, STEVEN ADAM	Primary	PG1390 PG	Current, Active 07/31/2018

Main Address*: 457 SW 169 TERRACE WESTON, FL 33326

*** denotes**
Main Address - This address is the Primary Address on file.
Mailing Address - This is the address where the mail associated with a particular license will be sent (if different from the Main or License Location addresses).
License Location Address - This is the address where the place of business is physically located.

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

Florida DBPR ONLINE SERVICES

Home

5:21:35 PM 7/23/2018

Data Contained In Search Results Is Current As Of 07/23/2018 05:19 PM.

Search Results

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

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

License Type	Name	Name Type	License Number/Rank	Status/Expires
Professional Geologist	BEEBOWER, DAVID CHARLES	Primary	PG828 PG	Current, Active 07/31/2020

Main Address*: 896 CRANES CT MATTLAND, FL 32751

*** denotes**
Main Address - This address is the Primary Address on file.
Mailing Address - This is the address where the mail associated with a particular license will be sent (if different from the Main or License Location addresses).
License Location Address - This is the address where the place of business is physically located.

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

Florida DBPR ONLINE SERVICES

Home

5:23:22 PM 7/23/2018

Data Contained In Search Results Is Current As Of 07/23/2018 05:21 PM.

Search Results

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

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

License Type	Name	Name Type	License Number/Rank	Status/Expires
Professional Engineer	BARROSO-GIACHETTI, LUCAS ALBERTO	Primary	68283 Prof Engineer	Current, Active 02/28/2019

Main Address*: 16570 NE 26TH AVENUE NORTH MIAMI BEACH, FL 33160
Mailing Address*: 16570 NE 26TH AVENUE NORTH MIAMI BEACH, FL 33160

*** denotes**
Main Address - This address is the Primary Address on file.
Mailing Address - This is the address where the mail associated with a particular license will be sent (if different from the Main or License Location addresses).
License Location Address - This is the address where the place of business is physically located.

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

DETAILED RESUMES



Rebecca M. Travis, PE

Vice President/Region Manager

Education

B.S., Civil Engineering, Iowa State University, 1984

Years of Experience: 33+

Joined Firm in 2003

Registrations

Licensed Professional Engineer, Florida

LEED Green Associate

Envision Sustainability Professional Credential

Associations

National Association of Women in Construction: Chapter Treasurer, 1994 & 2003; Chapter Board member 1994 thru 2006, 2011 to present

Water Environment Federation

American Water Works Association

Society of Women Engineers: Chapter President, 1995

Rebecca has over 33 years of progressively responsible civil engineering design and project management experience in both private sector residential and commercial land development, as well as municipal stormwater, roadway and utility projects. Her range of experience includes performance of complex professional engineering work involving investigation, planning, design development, permitting, management and construction of public and private developer improvement projects.

Representative Projects

Lantana, FL

Municipal Engineering Services

The Town named Mathews Consulting as Town Engineer. Rebecca, as Town Engineer: reviews site plans, Special Exceptions, Variance Requests, etc.; reviews large and small scale commercial and residential developments and industrial building projects; coordinates with FDOT regarding Lantana Road/I-95 interchange modifications; reviews turn lane requirements for traffic generating projects; reviews traffic studies; reviews plat applications; analyzes Town-wide wastewater flow generation to determine treatment capacity agreement limits; analyzes parking stall counts and required vehicle turning radius for Town's park; reviews drainage designs and issues drainage permits; and attends Plan Review Committee meetings and Town Council meetings as required.

Lake Worth, FL

\$40 Million Neighborhood Street Program

Project Manager for the ongoing design, permitting, bidding services, public outreach, and construction management services for the City's 4-year \$40 million neighborhood street program. Two years have been completed. Rebecca is responsible for the coordination of design and permitting services, and to date she has: designed the reconstruction or mill and overlay of approximately 43,000 lf of roadways; reviewed the City's Stormwater Master Plan and made recommendations for improvements to address identified problem areas, designed potable water main and sanitary sewer improvements; prepared traffic calming studies; coordinated the public involvement program with presentation to residents about the proposed improvements; and provided bidding assistance. She also served as design liaison for the construction, answering field questions about the design.

West Palm Beach, FL

Monroe Drive and Monceaux Road Improvements

Project Engineer for the design of the pavement and drainage system replacement. The design required coordination for the connection to existing downstream facilities and coordination of the pavement grades in order to match existing residential and commercial driveways.

SR5/Dixie Highway Water Main and Sanitary Sewer Replacement

Project Engineer for the replacement of 6,650 LF of water main, varying in size from 6-inch to 12-inch, and replacement of 3,800 LF of sanitary gravity sewer. The right-of-way is a major utility corridor and, therefore, required a substantial amount of utility research and coordination. Provision for utility services was necessary for a

hospital, a school and numerous businesses along the route. Preliminary meetings were held with the Health Department in order to discuss the design, construction phasing and utility conflicts. Work was performed for the City of West Palm Beach under a Florida Department of Transportation Joint Project Agreement.

Tamarac, FL

108th Terrace Drainage Improvements

Project Manager for asphaltic milling and recycling of a 1.8 mile, four lane median divided roadway, pavement marking, and drainage improvements with a positive outfall connection.

Boynton Beach, FL

North & South Roads Minor Drainage Improvements

Project Manager to provide engineering design services for drainage improvements of North & South Roads.

Rolling Green Stormwater Improvements

Project Engineer for the design, permitting, construction administration and full time inspection services for the Rolling Green Stormwater and Water Main Improvement Project at N.W. 17th Avenue. Specific project elements include stormwater improvements via exfiltration trench, water main upgrades and 30,500 feet of pavement resurfacing.

Delray Beach, FL

Auburn Avenue Improvements

Project Manager for the design, permitting and bidding for stormwater facilities, gravity sanitary sewer, water mains, roadway reconstruction, and roadway resurfacing.

Boca Raton, FL

Lake Wyman Shores

Engineering services for the design, permitting and bidding for stormwater facilities, sanitary sewers, water mains and roadway reconstruction.

Boca Raton Heights Infrastructure Improvements

Engineering services for the design, permitting and bidding for stormwater facilities, sanitary sewers, water mains and roadway reconstruction.

Hidden Valley Water and Wastewater Improvements

Project Manager for the design, permitting and bidding services for 9,000 LF of 8-inch sanitary sewer system, 9,000 LF of 12-inch water main upgrades and total roadway reconstruction.

Swinton Avenue Beautification

Design services for beautification to a 6-block section of Swinton Avenue in downtown Delray Beach. The improvements include replacement of existing concrete sidewalks with paver brick walks, installation of paver brick crosswalks, improvements to meet the Americans with Disabilities Act, and street lighting improvements.

West Palm Beach, FL

Lauderdale-by-the-Sea, FL

Basin Drive Stormwater Improvements

Provide continuing professional services for municipal construction, repair and maintenance projects which include; data collection, design services, permitting, services during construction and reimbursables.



David L. Mathews, PE

Quality Assurance/Senior Project Engineer

Education

B.S., Civil Engineering
University of South Florida, 1990

Years of Experience: 28

Joined Firm in 1999

Registrations

Licensed Professional Engineer:
Florida

Associations

American Society of Civil Engineers
Water Environment Federation
National Society of Professional Engineers
Florida Engineering Society

Appointments

Past President Palm Beach County
Branch ASCE (1995-1996)

Awards

1995 Young Engineer of the Year,
South Florida Section, ASCE

Publications/Technical Presentations

State of the Art Hydraulic Modeling for the City of Delray Beach, ASCE South Florida Sectional Conference, Boca Raton, Florida, October 1992.

Mathews, David L. and David Laliberte, *Landfill Leachate Management: Combining Biophysical Treatment with Ultrafiltration/Reverse Osmosis*, Florida Water Resources Journal, September 1996.

Dave has over 28 years of experience in the planning, design, permitting, construction and management of wastewater and water projects. His broad experience covers water and wastewater facilities planning and design; utility infrastructure improvements; wastewater pumping stations; construction management; and regulatory compliance.

Representative Projects

City of Boca Raton, FL

Boca Raton Heights Infrastructure Improvements

Project Manager for the design, permitting and bidding for stormwater facilities, sanitary sewers, water mains and roadway reconstruction.

Lake Wyman Shores

Project Manager for the design, permitting and bidding for stormwater facilities, sanitary sewers, water mains and roadway reconstruction.

City of Boynton Beach, FL

Rolling Green Stormwater Improvements

Project Manager for the design, permitting, construction administration and full time inspection services for the Rolling Green Stormwater and Water Main Improvement Project at N.W. 17th Avenue. Specific project elements include stormwater improvements via exfiltration trench, water main upgrades and 30,500 feet of pavement resurfacing

City of Delray Beach, FL

Auburn Avenue Improvements

Project Manager for the design, permitting and bidding for stormwater facilities, gravity sanitary sewer, water mains, roadway reconstruction, and roadway resurfacing.

Barrier Island Infrastructure Improvements

Manager for the final design, permitting and bidding services for nine infrastructure improvement projects on the Barrier Island portion of the City limits. The improvements consisted of 3,400 linear feet of roadway reconstruction/resurfacing, 500 linear feet of 24-inch exfiltration trench, 900 linear feet of 30-inch stormwater pipe, 2,400 linear feet of 8" DIP water main upgrades, and 1,000 linear feet of 8" PVC C900 sanitary sewer including manholes.

Country Club Acres Infrastructure Improvements

Project Manager for the engineering services for the preliminary design, final design, permitting, public involvement, and bidding services for roadway and utility infrastructure improvements to Country Club Acres Development in the City of Delray Beach.

NE 4th St. Roadway Widening

Project Manager for design, permitting and bidding for the widening of NE 4th St. (approx. 1,000 ft.) from 2 lanes to 3 lanes. Services included coordination with FEC Railway Company for the widening of a railroad track within the project limits. The existing stormwater system was relocated based on the roadway widening design.

SW Area Infrastructure Improvements

Project Manager for final design, permitting, and bidding for water main upgrades, storm drainage improvements and roadway resurfacing for the SW area of the City

Mathews, David L., Walter Schwarz, John Feoli, Jim Pierce, Dennis Popoca, *Maximizing Infrastructure Repair Benefits: A Systematic Approach to Lift Station Rehabilitation*, Florida Water Resources Conference, April 1998.

of Delray Beach. Project includes approx. 10,000 lineal feet of 8-inch water main, 3,500 lineal feet of 18-inch storm drainage and roadway improvements.

Swinton Avenue Beautification - Phase II

Project Manager for the design services for the beautification of a 6-block section of Swinton Avenue in downtown Delray Beach. The improvements include replacement of existing concrete sidewalks with paver brick walks, installation of paver brick crosswalks, improvements to meet the Americans with Disabilities Act, and street lighting improvements.

City of Tamarac, FL

Main Street Infrastructure Improvements - Phase I

Project Manager for the design, permitting and bidding services for the Main Street utility infrastructure and streetscaping improvements for: decorative street lighting, roadway reconstruction, off-street parking, decorative paver bricks, hardscaping, landscaping, and water, sewer and drainage improvements.

City of Riviera Beach, FL

Acre Home Park Infrastructure Improvements

Project Director for the management, data collection, final design, permitting, public outreach, and bidding assistance services to prepare construction drawings for the Avenue "T" Infrastructure Improvement Project. Key project components included drainage system improvements, potable water system improvements, and sanitary sewer system improvements.

City of West Palm Beach, FL

Garden Avenue Utility Improvements

The City of West Palm Beach selected the Design/Build Team of Chaz Equipment Company/Mathews Consulting, Inc. to design and construct the Garden Avenue Stormwater and Utility System Improvement Project. Mathews Consulting is responsible for design, permitting, public workshops and construction services, including coordination with the Design/Build Contractor. Roadway improvements include: reconstruction, resurfacing and street lighting. Underground utility improvements include: stormwater facilities, water mains and sanitary sewers.

Monceaux Road - Group II

Project Manager for the design, permitting, bidding and construction administration/inspections for the Monceaux Road - Group II Stormwater and Utility System Improvements Project.

Monceaux Road - Group I

Project Manager for the design, permitting, bidding and construction administration/inspections for the Monceaux Road - Group I Stormwater and Utility System Improvements Project.

Monroe Drive

Project Manager for the design, permitting, bidding and construction administration/inspections for the Monroe Drive Stormwater and Utility System Improvements Project.

Rutland Blvd. Improvements

Project Manager for the Rutland Blvd. improvements which included overall project management, preliminary design, final design, public participation, permitting, bidding assistance, construction administration and inspection services for the Rutland Boulevard Improvement Project. This work includes roadway and decorative street lighting improvements, stormwater system improvements, wastewater system improvements and water system improvements.



Aaron I. Cutler, CGC

Quality Assurance/Construction Manager

Education

AAS Civil Engineering Technology,
Pensacola Junior College

Years of Experience: 19

Joined Firm in 2008

Certifications

State of Florida Certified General
Contractor

Red Vector FDOT Asphalt Paving
Level One and Level Two
Certification

Florida Department of
Environmental Protection
Stormwater Erosion and
Sedimentation Control - Certified
Stormwater Management Inspector
(Inspector No. 21817)

Aaron has 19 years of experience in several phases of municipal construction, including: complete infrastructure improvements, wastewater treatment plants, utility pipeline projects, stormwater drainage systems, NPDES compliance, roadway construction, reclaimed pump stations, lift stations, elevated water storage tanks and vertical construction.

As Construction Manager for Mathews Consulting, his daily duties include: managing a staff of construction inspectors, acting as the EOR's representative, design review, overall construction administration, review of shop drawings, review of pay applications, administering pre-construction and progress meetings, construction schedule review, preparing and negotiating change orders, responding to contractor's RFIs and clarifications, processing final project certifications, and verifying contractor's conformance to construction documents.

Representative Projects

Town of Lauderdale-by-the Sea, FL

CIPP Lining Inspection Services

Construction Manager for CIPP Lining Monitoring and Inspections for approximately 15,619 linear feet of gravity sanitary sewers.

Loxahatchee River Environmental Control District, FL

IQ Pump Station

Construction Inspection and Management for a new "IQ" irrigation quality reclaimed water master pump station to serve the District's entire reclaimed water serve area. Project included new 22.4 MGD submersible pump station with (3) 335 Hp and (1) 160 Hp pumps, new electrical building to house VDS, MCCs and control panel, and associated mechanical, electrical and instrumentation/control improvements. Services include progress meetings, shop drawing review, coordination with Engineer of Record, and inspections as needed.

Jupiter Highlands Neighborhood Sewering Project

Construction Management and Inspection of a new low pressure sewer system (LPSS) for a residential community in Jupiter, Florida. The project included 6,355 LF of 2-inch and 3-inch force main, 136 sewer services, valves and flushing connections. Services included administering progress meetings, shop drawing review, review of monthly payment requests, coordination with Engineer of Record and Client, record drawing review, and Substantial Completion verification, and certification to the permitting agencies.

City of West Palm Beach, FL

Monceaux Road - Group I

Construction Manager for the construction for the Monceaux Road - Group I Stormwater and Utility System Improvements Project, including new stormwater facilities, water main upgrades, sanitary sewer replacement/rehabilitation, roadway, curb & gutter and sidewalk replacement, signage and pavement marking, landscaping and street lighting.

Rutland Blvd. Improvements

Construction Manager for the Rutland Blvd. improvements which included overall project management, preliminary design, final design, public participation,

permitting, bidding assistance, construction administration and inspection services for the Rutland Boulevard Improvement Project. This work includes roadway and decorative street lighting improvements, stormwater system improvements, wastewater system improvements and water system improvements.

City of Boca Raton, FL

Boca Raton Reclaimed Water Main Extension

Construction Inspector for over 10,000 LF of new 20-inch reclaimed water main. Services included shop drawing review, record drawing review, and coordination with Client, Engineer of Record, and Contractor.

Broken Sound Reclaimed Water Main

Construction Inspector for over 5,000 LF of new 20-inch reclaimed water main. Services included shop drawing review, record drawing review, coordination with Client, Engineer of Record, and Contractor.

Esterly Wastewater Infrastructure Improvements

Construction Manager for construction of a new sanitary sewer system to serve the Esterly Area, which include new gravity sewer for 37 residences and 2 commercial properties. The project included one (1) lift station, potable water improvements new water services and meter boxes, new fire hydrants, and roadway reconstruction within project area.

City of Boynton Beach, FL

Central Seacrest Infrastructure Improvements Phase I

Construction Manager for Phase I improvements, consisting of water main replacement, new reclaimed water main, gravity sewer replacement, stormwater system upgrades, pavement overlay, and construction of new landscaping, sidewalks and driveway aprons.

Rolling Green Infrastructure Improvements

Construction Manager for storm water improvements via exfiltration trench, water main improvements and roadway resurfacing. Services include progress meetings, shop drawing review, periodic site visits, coordination with on-site Construction Inspector, Engineer of Record and Client, review of Contractor's monthly payment request, and review of record drawings.

S.E. Federal Highway Corridor Infrastructure Improvement

Construction Manager for a separate Design Engineer on a total infrastructure improvement project, which included water main pipeline, reclaimed pipeline, storm water pipeline, gravity sewer, roadway, curbing, and swales.

City of Lake Worth, FL

2nd Avenue South Roadway Improvements

Construction Manager for the 2nd Avenue South (Dixie Highway to Federal Highway) Roadway Improvements Project. The project is located within the City of Lake Worth's Community Development Block Grant (CDBG) target area. CDBG funding was provided for the project through Palm Beach Department of Economic Sustainability.

Town of Lantana, FL

Raw Water Supply Wells No. 11 and No. 12

Construction Inspection and Management for two new raw water supply wells. Services included administering progress meetings, inspection services, shop drawing review, monthly payment request review, and coordination with Client, Engineer of Record and Contractor.



Jeffrey G. Hiscock, PE
Project Engineer

Education

B.S., Mechanical Engineering,
University of Florida, 1986

Years of Experience: 32

Joined Firm in 2018

Registrations

Licensed Professional Engineer,
Florida

Jeff has 32 years of engineering management experience with focus on water management engineering, stormwater pumping station design and Geographic Information Systems (GIS) programming. Jeff is specifically experienced with watershed assessments and detailed basin flood-routing analyses using computational hydrology and hydraulics computer modeling and GIS.

Representative Projects

City of West Palm Beach, FL Stormwater Utility

Served as Project Manager and Engineer of Record for City's Stormwater Utility for five years. Attended and presented at Storm Water Utility Board and City Commission meetings. Responsibilities included assisting the City with implementation of stormwater projects, permitting, assistance in meeting NPDES requirements, GIS and review of construction drawings.

City of West Palm Beach, FL. Stormwater Master Plan

Served as Project Manager and Engineer of Record for preparation of the City-wide Master Plan which included recommendations regarding the implementation of stormwater programs and projects throughout the City. The Plan addressed the short-term and long-term stormwater improvements needed in the City along with a recommended Capital Improvement Plan.

City of West Palm Beach, FL The Renaissance Project

Served as Project Manager and Engineer of Record for the Renaissance Project, which represented an innovative water diversion plan that includes pumping stormwater from 375 acres of downtown West Palm Beach to the City's water supply lakes where it is treated and used for public consumption. Project included design of a 250 cfs storm water pumping station, alum injection system, five-acre settling basin, five-acre wetland cell and other water diversion structures. Jeff managed all aspects of project including feasibility studies, grant applications, design, permitting and construction administration.

City of West Palm Beach, FL Monroe Drive Stormwater Improvements

Project Engineer for the design and permitting of drainage infrastructure for Monroe Drive and Georgia Avenue as a subconsultant for Mathews Consulting. This project is one of several recommended in the West Palm Beach Stormwater Master Plan.

City of West Palm Beach, FL Monceaux Road Stormwater Improvements

Project Engineer for the design and permitting of drainage infrastructure for Monceaux Road as a subconsultant for Mathews Consulting. This project is one of several recommended in the West Palm Beach Stormwater Master Plan.

Municipal Stormwater Projects

Jeff has developed stormwater master plans and designed several municipal drainage systems throughout his career. He has performed flood routing analyses, hydraulic pipe sizing with AutoCAD Civil 3D and Level-of-Services assessments, including:

- Stormwater Master Plan for Palm Beach International Airport (1994)
- Stormwater Master Plan for City of West Palm Beach (2000)
- Renaissance Project for City of West Palm Beach (2002)
- Monceaux Road Group I Stormwater Improvements for the City of West Palm Beach (2005)
- Monceaux Road Group II Stormwater Improvements for the City of West Palm Beach (2005)
- Monroe Drive Stormwater Improvements for the City of West Palm Beach (2005)
- Spencer Drive Improvements for the City of West Palm Beach (2006)
- Rutland Boulevard Improvements for the City of West Palm Beach (2008)
- Broadmoor Neighborhood Storm Water and Utility Improvements Review and Oversight for the City of West Palm Beach (2008)
- Esquire Lake Stormwater Improvements for the City of Pompano Beach, (2013)
- Kendall Lake Stormwater Improvements for the City of Pompano Beach, (2016)
- City of Lake Worth District 3 Stormwater Master Plan Re-evaluation (2017)

Stormwater Pumping Stations

Jeff served as Project Manager and the Engineer of Record for sixteen (16) state-of-the-art stormwater pumping station designs during his career. Most stations included electric submersible pumps and buildings with loading bays, crane hoist systems, backup generators and external aboveground fuel tanks.

- Mirasol Stormwater Pumping Stations and Control Structures for NPBCID (Northern Palm Beach County Improvement District)
- PGA National Central Stormwater Pumping Station Renovation for NPBCID
- Renaissance Project Primary Pumping Station for the City of West Palm Beach
- Ibis Stormwater Pumping Stations for NPBCID
- Ibis Intermediate Pump Station for NPBCID
- East and South Pump Stations for PBC Department of Airports
- Jungle Road Pump Station (D-16) for the Town of Palm Beach
- El Brillo Way Pump Station (D-18) for the Town of Palm Beach
- Breakers Hotel (D-13) Stormwater Pumping Station, Town of Palm Beach
- Village of Wellington 12th Fairway Stormwater Pump Station #5 for ACME
- Hamilton Bay Stormwater Pump Station for NPBCID
- Baywinds Stormwater Pump Stations for NPBCID
- Village of Wellington Pump Station No. 6 for ACME Improvement District
- Stormwater Pump Station Assessments for ACME Improvement District
- Control 2 Pump Station Relocation Feasibility Study for the City of West Palm Beach
- Evaluation of Unit 11A PGA National Stormwater Pumping Stations



Jason A. Pugsley, PE
Senior Engineer

Education

B.S., Civil/Environmental Engineering, Florida State University, 2001

Years of Experience: 17

Joined Firm in 2014

Registrations

Professional Engineer, Florida

Associations

American Water Works Association

Jason has extensive experience in project management; permitting; design and construction of numerous projects within the Water/Wastewater, Facilities, Infrastructure and Environmental business practices. His experience within multiple business practices makes him uniquely qualified to design, construct and manage projects which are multi-pronged and which typically require the use of multiple staff which are each independently qualified within the respective disciplines.

Representative Projects

City of Jupiter, FL

Loxahatchee River Environmental Control District, River Oaks/Little Oaks Sewer System

Project Manager for the design of a new conventional gravity sewer system to serve a 78-unit residential neighborhood. The project included: Two (2) new submersible lift stations; approximately 2,650 LF of 2 to 3-inch force main; approximately 4,800 LF of 8-inch sanitary sewer, manholes, and service laterals in the assessment area; and reconstruction/resurfacing of roadways as required.

City of Port St. Lucie, FL

St. Lucie West Services District Disinfection System

Lead Design Engineer for the conversion of the gaseous chlorine disinfection systems at the water and wastewater treatment facilities to liquid (sodium hypochlorite) chlorine based systems. Design included all required system components including bulk storage tanks, chemical metering pump skids and double contained piping systems.

Southport WWTF Permitting

Lead Engineer for the preparation of a Capacity Analysis Report, Operation and Maintenance Performance Report and permit application documentation required for submission to FDEP for the renewal of the existing facility operating permit.

Town of Lantana, FL

Town of Lantana, Intracoastal Waterway Subaqueous Force Main Crossing

Project Engineer for the design of a 1,400 LF 10-inch subaqueous force main beneath the Intracoastal Waterway (ICWW) to replace the existing cast iron subaqueous force main which was nearing the end of its useful life. Provided engineering assistance and oversight during construction.

Village of Wellington, FL

Village of Wellington WWTF Permitting

Lead Engineer for the preparation of a Capacity Analysis Report, Operation and Maintenance Performance Report and permit application documentation required for submission to FDEP for the renewal of the existing facility operating permit.

Emergency Interconnect

Project Manager and Lead Design Engineer for the design and permitting of a potable water emergency interconnect with Palm Beach County. Design included piping systems and subsurface metering vaults. The design also included the installation of a 1,000 LF water main using the HOD method beneath SR 7.

City of Boynton Beach, FL**City of Boynton Beach, Rehabilitation of Master Lift Station 309**

Project Manager for the installation of approximately 3,200 LF of 16-inch force main, with portions installed via the HDD method, to replace an existing aging 12-inch force main. The project also included the rehabilitation of the existing dry-pit type lift station including the following: replacement of the existing dry-pit centrifugal jockey pump with a larger dry-pit centrifugal pump designed to match the capacity of the two existing larger duty pumps to remain; replacement of all pump discharge piping, fittings and valves; installation of a 12-inch diesel engine driven, dry-prime, end suction centrifugal emergency/standby pump; recoating of all lift station surfaces; replacement of all existing site electrical and I&C systems; repurpose of an existing generator building to an electrical building. Provided engineering assistance and oversight during construction.

City of Key West, FL**Florida Keys Aqueduct Authority, Key Haven Lift Stations and Transmission Main Improvements**

Project Engineer for the design and permitting of submersible type lift station upgrades and improvements for the Key Haven community as well as the design of a common force main transmission system. The project included the design of three (3) new submersible type lift stations and specific upgrades to two (2) existing lift stations. The new force main transmission system consisted of approximately 13,300 LF of 8-inch and 10-inch force main piping along US 1 (Overseas Highway).

City of West Palm Beach, FL**South Florida Water Management District, Gate Operator Replacement**

Project Manager and Lead Design Engineer for replacement of existing dual yoke stem hoist systems at two coastal spillway structures located in Palm Beach (S-44) and Broward (G-57) Counties with mechanical wire drum hoisting systems. Design of two wire drum hoisting units, improvements to the structure operating platforms, electrical systems and complete replacement of the existing remote operation telemetry systems. Provided engineering services during construction including shop drawing review and field inspections to ensure general conformance with the project Contract Documents. Approximate project cost was \$1.5 million dollars.

Florida Keys Aqueduct Authority, FL.**Marathon Distribution Pump Station Improvements**

The Florida Keys Aqueduct Authority owns and operates the Marathon Distribution Pump Station (located at 33rd street) which provides potable water to the customers located within the Marathon, Florida service area. The Marathon Distribution Pump Station operates in conjunction with other area distribution systems, including Vaca Cut Pump Station, 69th Street Pump Station, and Crawl Key Pump Station, to provide total water to the system. The existing Marathon Distribution Pump Station and ground storage tanks (one 3.0 MG tank and one 0.5 MG tank) have reached the end of their useful service life and are in need of replacement. FKAA contracted with Mathews Consulting to provide engineering design of the following improvements: *Upgrade the Marathon Distribution Pump Station to include two 750 gpm pumps, for a total capacity of 1,500 gpm @ 60 psi. The new station should be designed to include space for a future third pump of equal capacity *Provide a new ground storage tank with 4 MG storage capacity, to replace the existing aging 3.0 MG and 0.5 MG ground storage tanks located at 33rd Street and to replace the 0.5 MG storage tank at 69th street.



Louis D. Haussmann, PE, PTOE™, PTP™
Senior Transportation Engineer

Education

MS, Civil Engineering
University of Illinois at Urbana
Champaign, 1997

BS, Civil Engineering
University of Illinois at Urbana
Champaign, 1995

Joined Firm in 1996

Years of Experience: 20

Registrations

Licensed Professional Engineer:
Florida, Illinois, Indiana,
Michigan, Wisconsin

Certifications

Professional Traffic Operations
Engineer™, certified by the
Transportation Professional
Certification Board, Inc.

Professional Transportation
Planner™, certified by the
Transportation Professional
Certification Board, Inc.

Associations

Institute of Transportation
Engineers

Traffic Analysis

Software Proficiency

Highway Capacity Software
(HCS7™) by McTrans

Synchro Studio 10 by
Trafficware Group

Traffic Software Integrated
System - Corridor Simulation
(TSIS-CORSIM™) by McTrans

Lou is an experienced project manager and design engineer for roadway rehabilitation, traffic signal installation, bicycle path construction, and streetscape projects. He is also skilled in the preparation of federally funded Phase I Design Engineering Reports, traffic engineering and planning studies, and pavement management reports.

Representative Projects

Delray Beach, Florida

Swinton Commons Traffic Study

Conducted a traffic study review and prepared comments regarding the Traffic Impact Study prepared for the Swinton Commons for Atlantic Ave. Development, LLC. The study was dated December, 2015 and was prepared by Kimley-Horn and Associates, Inc. Lou served as the Project Engineer and his tasks were verification of trip generation rates, trip distribution and trip assignment; review of capacity analyses, and writing a technical memorandum to the city summarizing our comments and recommendations.

4591 & 4561 Atlantic Avenue Future Land Use Traffic Study

Lou served as Project Engineer and provided a comparative analysis of traffic generation rates and potential average daily trips for different scenarios of existing and proposed development land use map and zoning designations.

Franklin Park, Illinois

Ruby Street Signal Interconnection

Phase I and Phase II design of construction of a traffic signal/railroad signal interconnection along Ruby Street from Franklin Avenue to Pacific Avenue. The project includes traffic signal interconnection improvements to 0.114 miles (600 feet) of roadway. During the design process, the Village of Franklin Park decided to enhance safety in the project area and reduce the 5 legged intersection at Ruby Street/Pacific Avenue/Gage Avenue to 4 legs by closing Gage Avenue. The existing traffic signals were removed and replaced by a four-way stop. Gage Avenue was terminated short of Ruby Street with a hammerhead dead end.

The remaining improvements to the Ruby Street/Franklin Avenue/Belmont Avenue intersection and adjacent Metra Railroad included removal of existing traffic signal heads; installation of new LED signals; installation of accessible pedestrian signals; removal of the existing traffic signal controller and cabinet and replacement with the latest controller and cabinet equipment including traffic and railroad signal pre-emption and battery back-up; loop detector installation and replacement; installation of the traffic signal and railroad/emergency vehicle pre-emption sequence of operations; intersection re-channelization; and interconnection of the intersection traffic signal controller with the railroad signal controller.

Lou served as a Traffic Engineer on this project and his duties included coordination of traffic counts; preparation of signalized and unsignalized intersection capacity analyses, coordination with the Illinois Department of Transportation and the Illinois Commerce Commission and preparation of a technical memorandum summarizing our findings and recommendations.

www.baxterwoodman.com

TEAPAC Complete 2016
Signalized Capacity Software by
Strong Concepts

Grayslake, Illinois

Lake Street STP Improvements – IL 120 to St. Paul Rd.

Project Manager for the preparation of the Phase I Report, which included an accident study and a traffic signal warrant analysis for the project intersection. The intersection design study for the intersection of Lake Street and IL 120 included traffic counts and accident analysis. Lou's tasks included the review of traffic count data, completion of a traffic signal warrant analysis, collision diagram and analysis, and an intersection design study including a signalized capacity and delay analysis.

Lake Street STP Improvements - IL 83 to Shorewood Rd.

Project Manager responsible for the preparation of plans, specifications, and cost estimates for the capacity analysis that was completed for the intersection of IL 83 and Lake Street. Traffic counts were made, a signal warrant analysis was completed, and an accident analysis was prepared. Lou's tasks included the design of traffic control signage, pavement striping, maintenance of traffic plan, review of traffic count data, a traffic signal warrant analysis, collision diagram and analysis, and an intersection design study including a signalized capacity and delay analysis.

Plainfield, Illinois

Renwick Road STP Improvements

Project Manager for the ongoing Phase I Design of Renwick Road from US 30 to River Road. Lou is responsible for the preliminary engineering study of Renwick Road that will support the creation of a Project Development Report (PDR). Work includes IDOT coordination, topographic survey, traffic counts, stop sign warrant analyses, preliminary geometric plans, existing conditions plan for Location Drainage Study, Special Waste Assessment, cross section design, and public involvement. Lou coordinated the topographic survey, traffic counts, Location Drainage Study, and Special Waste Assessment. He is preparing the stop sign warrant analyses, intersection capacity analyses and is actively participating in the public involvement phase of the project.

Shorewood, Illinois

US 52 STP Improvements

Project Engineer for the US 52 Improvements Phase I Local Project Development Report and Project Manager for the Phase II Engineering Design. Lou was responsible for and prepared the study and design of the roadway and intersection widening and a permanent traffic signal installation for the intersection of US 52 and River Road. Lou's tasks included the review of traffic count data, completion of two traffic signal warrant analyses, 3 collision diagrams and accident analyses, and two intersection design studies including signalized capacity and delay analysis. Lou's final design tasks included the design of all traffic control signage and pavement marking, maintenance of traffic plans, and traffic signal installation and interconnection plans.

Franklin Park, Illinois

Manheim Road Intersection Design Study

Project Manager for this Study to redevelop the southeast corner of the intersection of Grand Avenue and Manheim Road, including access modifications and new traffic signals approximately 1000' south of the intersection, in an effort to attract businesses to a busy intersection while improving the safety of ingress/egress movements along Manheim Road. Duties included were coordination of traffic counts; design of a revised access plan; preparation of a traffic signal warrant study; and preparation of an intersection design study including signalized capacity and delay analysis for approval by Illinois Department of Transportation.



Thomas A. English, PSM, PLS
Senior Surveyor

Education

Civil Technology, Middlesex County College

Years of Experience: 37

Joined Firm in 2017

Registrations

Professional Surveyor and Mapper:
Florida No. LS6930;
New Jersey No. 24 GS03484700
J990;
New York No. 050893; Pennsylvania
No. SU043966R;
Connecticut 70373; and Louisiana
5141

Associations

Florida Surveying and Mapping
Society
National Society of Professional
Surveyors
New Jersey Society of Professional
Land Surveyors
New York Association of Land
Surveyors
Pennsylvania Society of Land
Surveyors
Louisiana Society of Land Surveyors
American Society of Civil Engineers

Publications

English, Thomas A. *Photogrammetry
and Topographic Mapping* - Land
Development Handbook, 3rd
Edition, McGraw Hill, 7/08, Chap 14

Topographic Surveys, pp. 280-282;
Solo Notes, Point of Beginning
Magazine 02/15

Tom's background includes work for various state Departments of Transportation, including Florida, New Jersey, New York, Louisiana, and Pennsylvania. He is proficient with various types of surveys (ALTA, title, topographic, and boundary). He is also well versed in commercial/civil land planning and design, residential subdivision and transportation route analysis, geodetic control, construction stakeout and as-built survey, including survey computations, record research, property line resolution, and right-of-way investigation, GNSS (GPS), railroad survey, and laser scanning.

Qualifications

- Experience as a Survey Project Manager for construction of municipal infrastructure, residential and commercial sites.
- Knowledge and experience in utility locating and GIS mapping.
- Holds an FAA Remote Pilot Certification (3946140) to fly unmanned aerial vehicles (UAVs).

Representative Projects

Broward County, FL I75/I575 Pond, FDOT District 4

Senior Survey Project Manager for as-built survey for constructed detention ponds. Tied-in to existing project control. Provided cross-sections to FDOT.

Broward County Water and Wastewater Services, City of Coconut Creek Hillsborough Pines Improvement Project

Senior Survey Project Manager for control, right-of-way, topographic and utility surveying for 3 miles of roadway for major neighborhood improvements. All survey information was tied to the Florida State Plane Coordinate System (NAD83) and the North American Vertical Datum of 1988 (NAVD88). Improvements included storm water, sanitary sewer, water and roadway.

Broward County, FL Oakland Preserve, Oakland Park

Senior Survey Project Manager for boundary, topographic and utility tree survey for development of low cost housing. Prepared right-of-way sketches and descriptions.

Broward County, FL SR 814-Atlantic Boulevard Bridge Survey

Senior Survey Project Manager for control, topographic and utility surveying for bridge area beautification program.

Broward County Public Works Department - Water and Wastewater Engineering Division Generic Utility Locating and GIS Mapping - UAZ 229 (BCWWS Project No. 9262 Work Authorization No. 46)

Project Manager and QA/QC Reviewer for field validation of the County's water and sewer information for their existing GIS database. The project was to complete a

subsurface utility engineering investigation to map the horizontal and vertical position of underground utilities within the project limits encompassing the area known as Utility Analysis Zone 228, Country Knolls Subdivision, Pompano Beach, Florida. In addition to the main utility lines, it was necessary to find and map the location of buried valves on the utility mains, since this information was inaccurate and incomplete in the existing GIS. The survey acquired GPS coordinates for the potable water valves, hydrant valves, maintenance access structures, sewer valves and pump stations within the project limits relative to the North American Datum of 1983 (HARN), Florida East Zone 0901 (horizontal) and North American Vertical Datum of 1988 (vertical). A metadata report of the GPS survey was provided. In addition, valve brass-tag information and utility type information was collected and compared to plans provided by the County. A GIS geodatabase containing a feature class of the GPS points and the updated WWS GIS feature classes, inclusive of the update location as found with the utility investigation field work was provided to supplement the County's existing GIS. The GIS features class update included a review of available record drawing information.

Town of Davie, Broward County, FL

Davie Ale House, University Drive

Senior Survey Project Manager for ALTA land title survey.

City of Davie, Broward County, FL

Griffin Gardens

Senior Survey Project Manager for boundary survey for Broward County Housing Authority.

City of Deerfield Beach, Broward County, FL

Highland Gardens Condominium

Senior Survey Project Manager for boundary survey for Broward County Housing Authority.

City of Deerfield Beach, Broward County, FL

Hillsboro Landings Condominium No. Two

Senior Survey Project Manager for topographic survey for water main relocation

Florida Department of Transportation (FDOT) District 4

I-95 Express CDC- Broward County

Project Manager and QA/QC Reviewer for survey for the location of bridge column foundations and additional topographic survey for design survey of this design build project.

City of Ft. Lauderdale, Broward County, FL

Broward County Convention Center - Hotel Site

Senior Survey Project Manager for boundary and topographic survey for convention center expansion.

City of Ft. Lauderdale, Broward County, FL

Galleria Mall

Senior Survey Project Manager for boundary survey for mall redevelopment and expansion.

Supplier: **Baxter & Woodman, Inc.**



City of Pembroke Pines

Attachment C

NON-COLLUSIVE AFFIDAVIT

BIDDER is the **Officer**,

(Owner, Partner, Officer, Representative or Agent)

BIDDER is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

Such Bid is genuine and is not a collusive or sham Bid;

Neither the said BIDDER nor any of its officers, partners, owners, agents, representative, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted; or to refrain from bidding in connection with such Contract; or have in any manner, directly or indirectly, sought by agreement or collusion, or communications, or conference with any BIDDER, firm, or person to fix the price or prices in the attached Bid or any other BIDDER, or to fix any overhead, profit, or cost element of the Bid Price or the Bid Price of any other BIDDER, or to secure through any collusion conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Contract;

The price of items quoted in the attached Bid are fair and proper and are not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

Printed Name/Signature **John V. Ambrose**

Title **President/CEO**

Name of Company **Mathews Consulting, a Baxter & Woodman Company**

Supplier: **Baxter & Woodman, Inc.**



City of Pembroke Pines

Attachment D

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

1. This sworn statement is submitted **Mathews Consulting, a Baxter & Woodman Company** (name of entity submitting sworn statement) whose business address is **6600 N. Andrews Ave., Suite 100, Fort Lauderdale, FL 33309** and (if applicable) its Federal Employer Identification Number (FEIN) is **36-2845242**. (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: .)

2. My name is **John V. Ambrose** and my
(Please print name of individual signing)

relationship to the entity named above is **President/CEO**.

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

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

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

6. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
7. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **(Please indicate which statement applies.)**
- ☐ A) Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.
- ☐ B) The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND **(Please indicate which additional statement applies.)**
- ☐ B1) There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. **(Please attach a copy of the final order.)**
- ☐ B2) The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. **(Please attach a copy of the final order.)**
- ☐ B3) The person or affiliate has not been placed on the convicted vendor list. **(Please describe any action taken by or pending with the Department of General Services.)**

John V. Ambrose

Bidder's Name/Signature

Mathews Consulting, a
Baxter & Woodman Company
Company

July 19, 2018

Date

Supplier: **Baxter & Woodman, Inc.**

CONTACT INFORMATION FORM

IN ACCORDANCE WITH “RFQ # PSEN-18-02” titled “**Professional Service Providers (Architectural, Engineering, Surveying & Mapping)**” attached hereto as a part hereof, the undersigned submits the following:

A) Contact Information

The Contact information form shall be electronically signed by one duly authorized to do so, and in case signed by a deputy or subordinate, the principal's properly written authority to such deputy or subordinate must accompany the proposal. This form must be completed and submitted through www.bidsync.com as part of the bidder's submittal.

COMPANY INFORMATION:

COMPANY: **Mathews Consulting, a Baxter & Woodman Company**

STREET ADDRESS: **6600 North Andrews Avenue, Suite 100**

CITY, STATE & ZIP CODE: **Fort Lauderdale, Florida 33309**

PRIMARY CONTACT FOR THE PROJECT:

NAME: **Rebecca Travis** TITLE: **Vice President/Region Manager**

E-MAIL: **rtravis@baxterwoodman.com**

- TELEPHONE: **561-655-6175** FAX: **561-655-6179**

CORPORATE OFFICER AUTHORIZED APPROVER:

NAME: **John V. Ambrose** TITLE: **President/CEO**

E-MAIL: **jambrose@baxterwoodman.com**

- TELEPHONE: **815-444-3274** FAX: **815-455-0450**

SIGNATURE: **John V. Ambrose**

Supplier: Baxter & Woodman, Inc.**PROFESSIONAL SERVICES FORM**

Please check the boxes shown below that your company wants to be considered for:

<input checked="" type="checkbox"/>	General Civil and Environmental Engineering Services
<input type="checkbox"/>	Treatment Plant Process Engineering Services
<input type="checkbox"/>	Electrical Engineering Services
<input type="checkbox"/>	Geotechnical Services
<input type="checkbox"/>	Structural Engineering Services
<input checked="" type="checkbox"/>	Land Surveying Services
<input type="checkbox"/>	General Architectural Services
<input type="checkbox"/>	Landscape Architecture Services
<input type="checkbox"/>	Hydro-Geological Services
<input type="checkbox"/>	FDOT Roadway Engineering Services

Supplier: **Baxter & Woodman, Inc.**



City of Pembroke Pines

Attachment G

EQUAL BENEFITS CERTIFICATION FORM FOR DOMESTIC PARTNERS AND ALL MARRIED COUPLES

Except where federal or state law mandates to the contrary, a Contractor awarded a Contract pursuant to a competitive solicitation shall provide benefits to Domestic Partners and spouses of its employees, irrespective of gender, on the same basis as it provides benefits to employees' spouses in traditional marriages.

The Contractor shall provide the City and/or the City Manager or his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this section, and upon request shall provide evidence that the Contractor is in compliance with the provisions of this section upon each new bid, contract renewal, or when the City Manager has received a complaint or has reason to believe the Contractor may not be in compliance with the provisions of this section. Records shall include but not be limited to providing the City and/or the City Manager or his/her designee with certified copies of the Contractor's records pertaining to its benefits policies and its employment policies and practices.

The Contractor must conspicuously make available to all employees and applicants for employment the following statement:

“During the performance of a contract with the City of Pembroke Pines, Florida, the Contractor will provide Equal Benefits to its employees with spouses, as defined by Section 35.39 of the City's Code of Ordinances, and its employees with Domestic Partners and all Married Couples”.

The posted statement must also include a City contact telephone number and email address which will be provided to each contractor when a covered contract is executed.

SECTION 1 DEFINITIONS

1. **Benefits** means the following plan, program or policy provided or offered by a contractor to its employees as part of the employer's total compensation package which may include but is not limited to sick leave, bereavement leave, family medical leave, and health benefits.
2. **Cash Equivalent** mean the amount of money paid to an employee with a domestic partner or spouse in lieu of providing benefits to the employee's domestic partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee for his or her spouse from a traditional marriage.
3. **Covered Contract** means a contract between the City and a contractor awarded subsequent to the date when this section becomes effective valued at over \$25,000 or the threshold amount required for competitive bids as required in section 35.18(A) of the Procurement Code.
4. **Domestic Partner** shall mean any two (2) adults of the same or different sex who have registered as domestic partners with a governmental body pursuant to state or local law authorizing such registration, or with an internal registry maintained by the employer of at least one of the domestic partners. A contractor may institute an internal registry to allow for the provision of equal benefits to employees with domestic partners who do not register their partnerships pursuant to a governmental body authorizing such registration, or who are

located in a jurisdiction where no such governmental domestic partnership registry exists. A contractor that institutes such registry shall not impose criteria for registration that are more stringent than those required for domestic partnership registration by the City of Pembroke Pines.

5. **Equal benefits** means the equality of benefits between employees with spouses and/or dependents of spouses and employees with domestic partners and/or dependents of domestic partners, and/or between spouses of employees and/or dependents of spouses and domestic partners of employees and/or dependents of domestic partners.
6. **Spouse** means one member of a married pair legally married under the laws of any state within the United States of America or any other jurisdiction under which such marriage is legally recognized, irrespective of gender.
7. **Traditional marriage** means a marriage between one man and one woman.

SECTION 2 CERTIFICATION OF CONTRACTOR

The firm providing a response, by virtue of the signature below, certifies that it is aware of the requirements of Section 35.39 "City Contractors providing Equal Benefits for Domestic Partners and all Married Couples" of the City's Code of Ordinances, and certifies the following (**Check only one box below**):

- ☒ **A.** Contractor currently complies with the requirements of this section; or
- ☐ **B.** Contractor will comply with the conditions of this section at the time of contract award; or
- ☐ **C.** Contractor will not comply with the conditions of this section at the time of contract award:
or
- ☐ **D.** Contractor does not comply with the conditions of this section because of the following allowable exemption (**Check only one box below**):
- ☐ **1.** The Contractor does not provide benefits to employees' spouses in traditional marriages;
- ☐ **2.** The Contractor provides an employee the cash equivalent of benefits because the Contractor is unable to provide benefits to employees' Domestic Partners or spouses despite making reasonable efforts to provide them. To meet this exception, the Contractor shall provide a notarized affidavit that it has made reasonable efforts to provide such benefits. The affidavit shall state the efforts taken to provide such benefits and the amount of the cash equivalent. Cash equivalent means the amount of money paid to an employee with a Domestic Partner or spouse rather than providing benefits to the employee's Domestic Partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee's spouse;
- ☐ **3.** The Contractor is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated supervised or controlled by or in conjunction with a religious organization, association, or society;
- ☐ **4.** The Contractor is a governmental agency;

The certification shall be signed by an authorized officer of the Contractor. Failure to provide such certification (by checking the appropriate boxes above along with completing the information below) shall result in a Contractor being deemed non-responsive.

COMPANY NAME: **Mathews Consulting, a Baxter & Woodman Company**

AUTHORIZED OFFICER NAME / SIGNATURE: **John V. Ambrose**

Supplier: **Baxter & Woodman, Inc.**



City of Pembroke Pines

Attachment L

**SCRUTINIZED COMPANY CERTIFICATION
PURSUANT TO FLORIDA STATUTE § 287.135**

I, **John V. Ambrose/President CEO**, on behalf of **Mathews Consulting, a Baxter & Woodman Company**,
 Print Name and Title Company Name

certify that **Mathews Consulting, a Baxter & Woodman Company**
 Company Name

1. Does not participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel list; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
5. Has not engaged in business operations in Syria.

Submitting a false certification shall be deemed a material breach of contract. The City shall provide notice, in writing, to the Contractor of the City's determination concerning the false certification. The Contractor shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If the Contractor does not demonstrate that the City's determination of false certification was made in error then the City shall have the right to terminate the contract and seek civil remedies pursuant to Florida Statute § 287.135.

Section 287.135, Florida Statutes, prohibits the City from: 1) Contracting with companies for goods or services in any amount if at the time of bidding on, submitting a proposal for, or entering into or renewing a contract if the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, F.S. or is engaged in a boycott of Israel; and 2) Contracting with companies, for goods or services over \$1,000,000.00 that are on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector list, created pursuant to s. 215.473, or are engaged in business operations in Syria.

As the person authorized to sign on behalf of the Contractor, I hereby certify that the company identified above in the section entitled "Contractor Name" does not participate in any boycott of Israel, is not listed on the Scrutinized Companies that Boycott Israel List, is not listed on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, and is not engaged in business operations in Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject the company to civil penalties, attorney's fees, and/or costs. I further understand that any contract with the City for goods or services may be terminated at the option of the City if the company is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan list or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

Mathews Consulting, a Baxter & Woodman Company **John V. Ambrose**

President/CEO

Company Name

Print Name / Signature

Title

3		4
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